

Mortality Trends by Race/Ethnicity, Sex, Age and State

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This document visualizes the annual age-adjusted mortality rate in the United States from 1999 to 2014. Age-adjusted rates are obtained by averaging single-year mortality rates. (See this [PNAS letter](#) for details.)

Trends are stratified by race/ethnicity, sex, age and state. Smoothed versions of the trends are also provided, where smoothing is achieved by fitting a second order polynomial regression and partially pooling regression parameters across sex and state using [Stan](#). Details on model and estimation will be provided in a forthcoming paper.

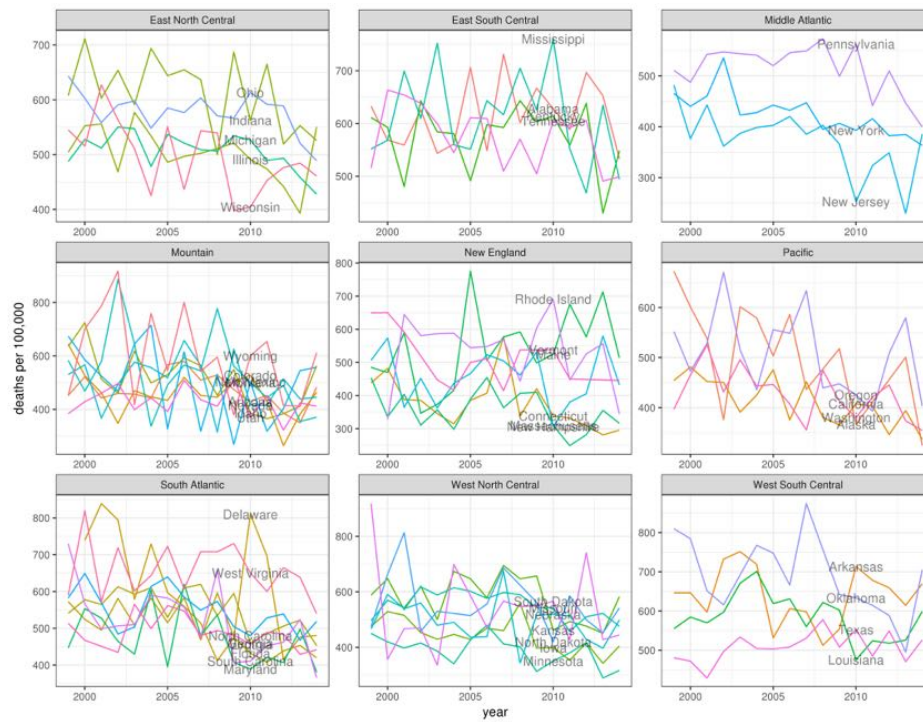
The data is available from [CDC Wonder](#). State labels on each plot are attached to the 2010 mortality rate. Currently states and labels are missing when CDC Wonder data is not available. However, we plan on estimating curves for all states in all categories.

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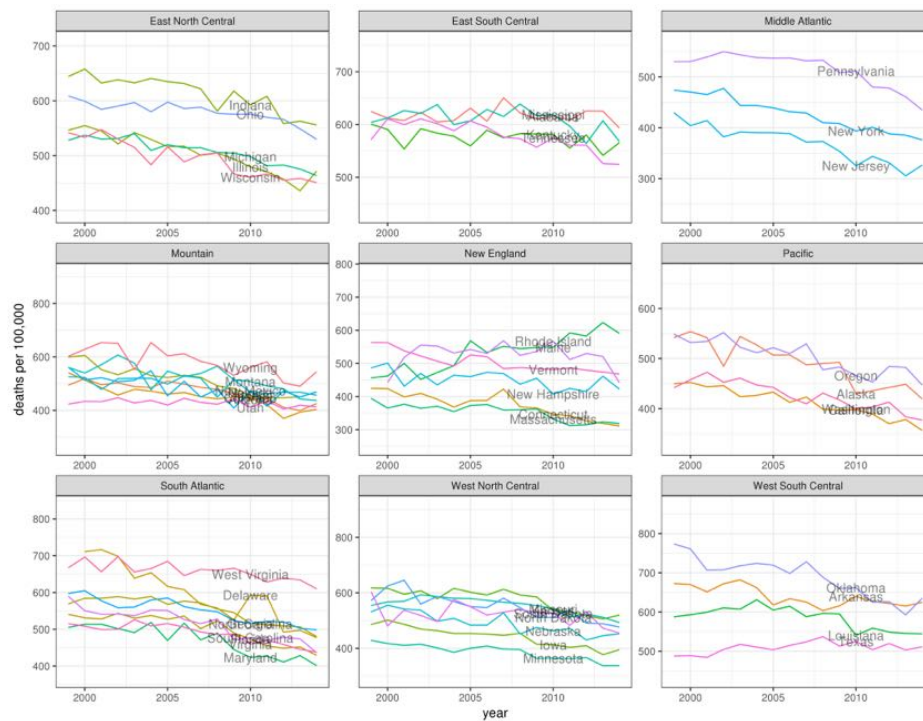
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Black	22
Hispanic	42

White

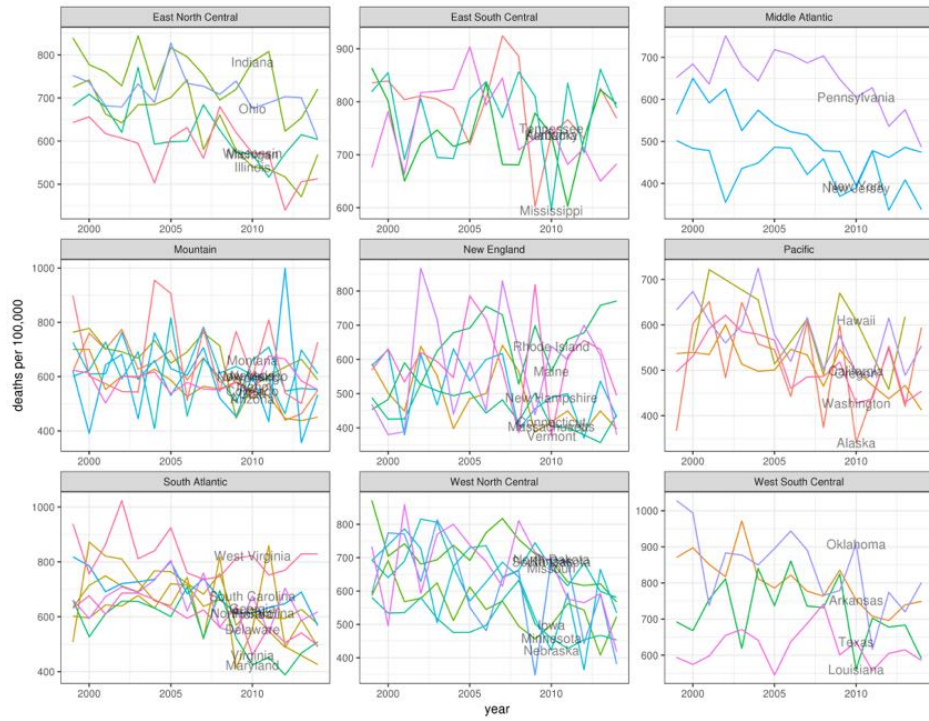
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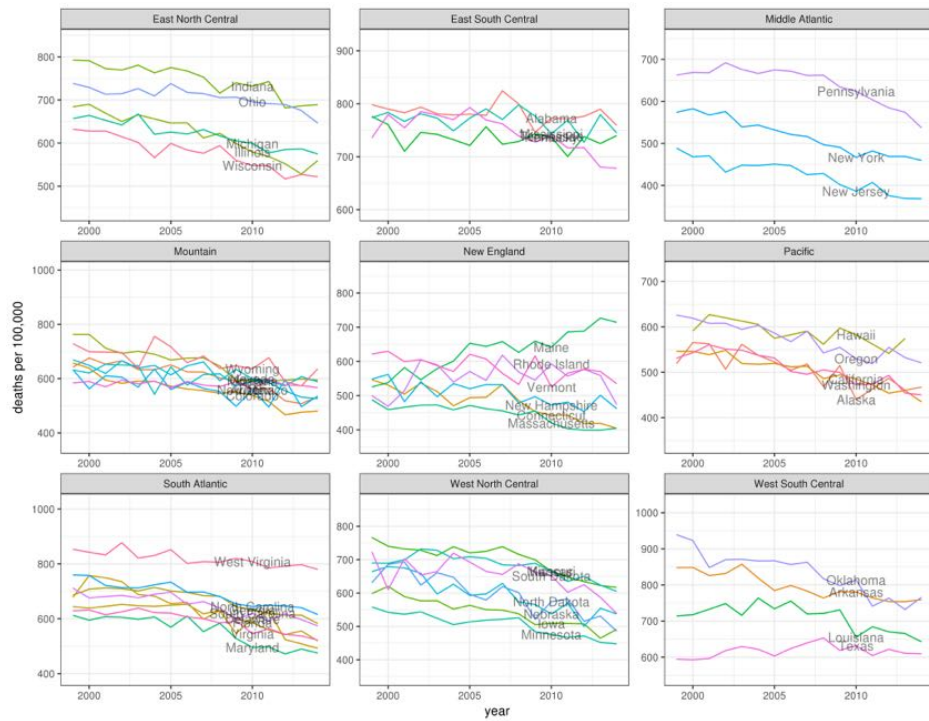
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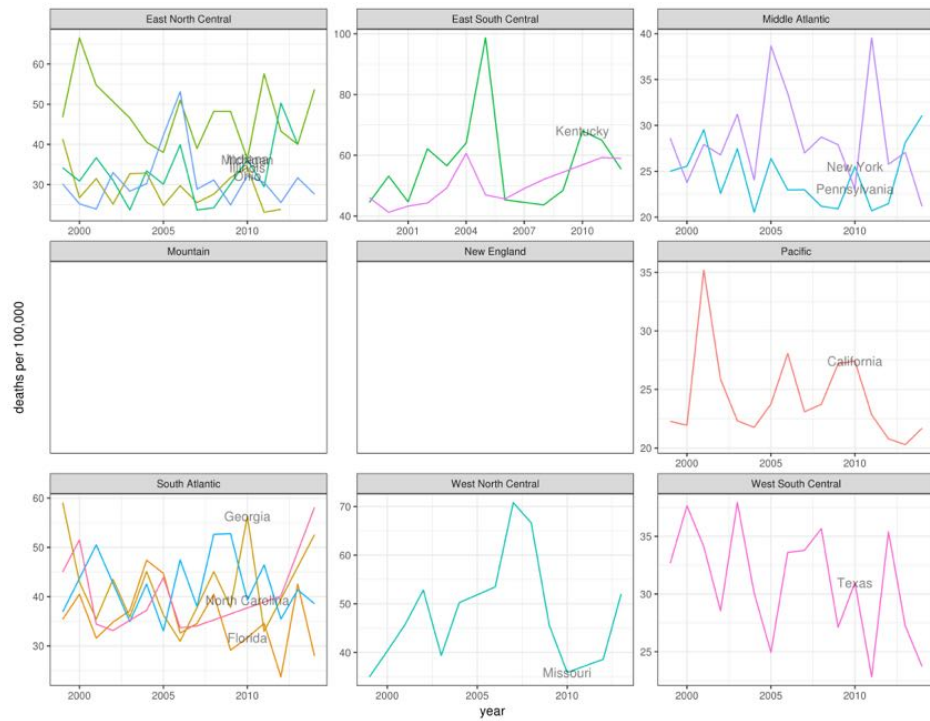
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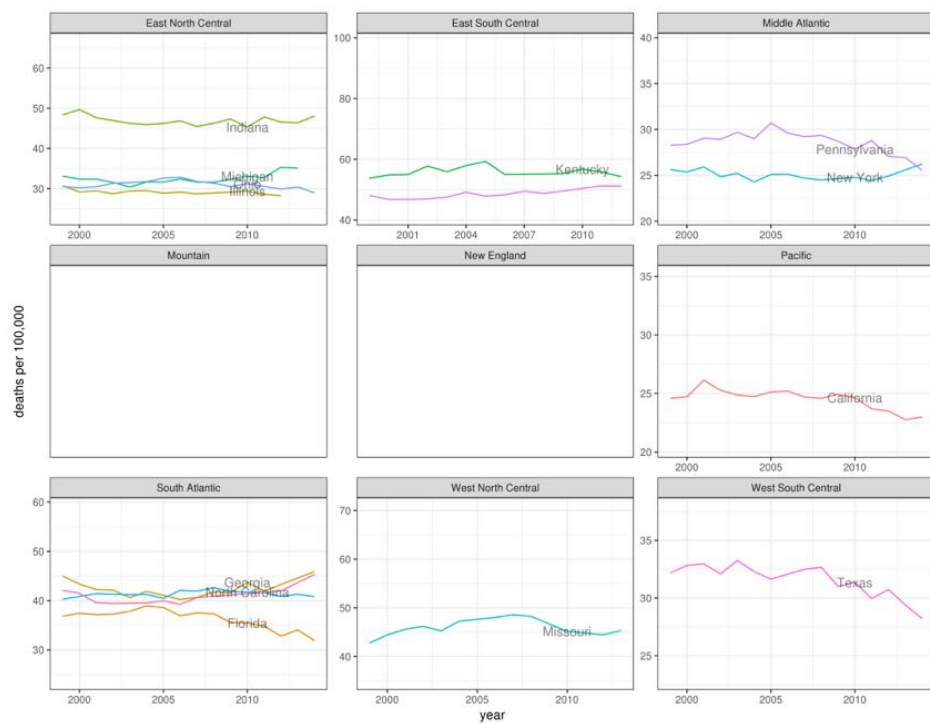
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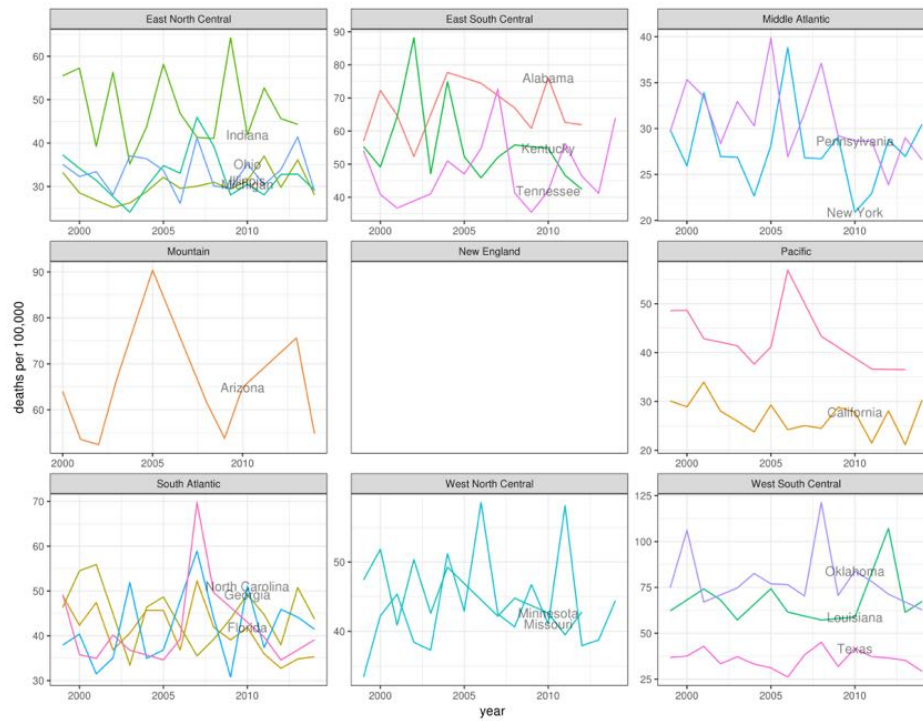
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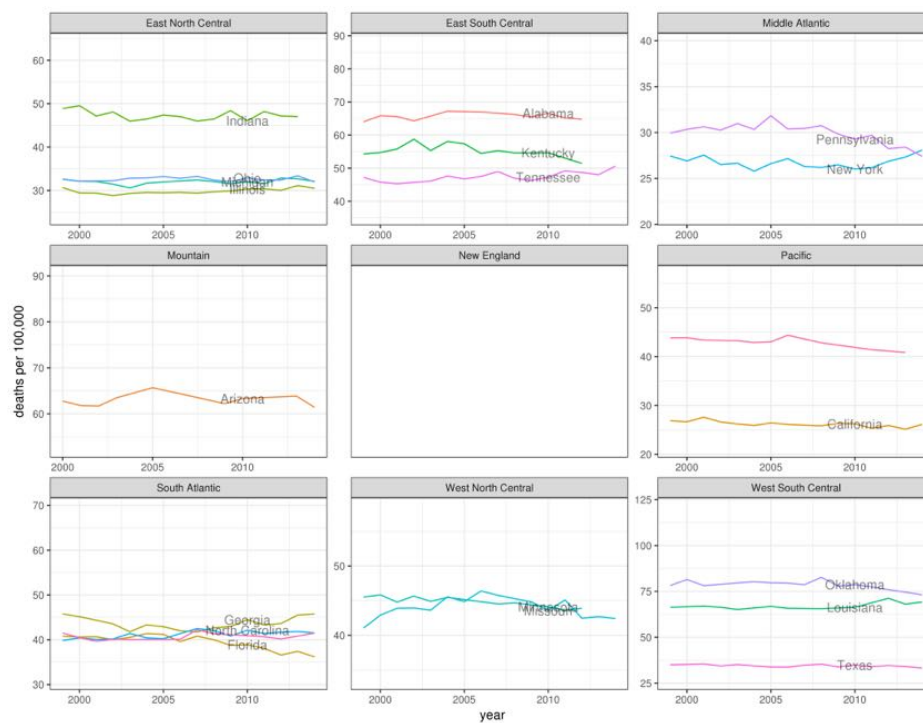
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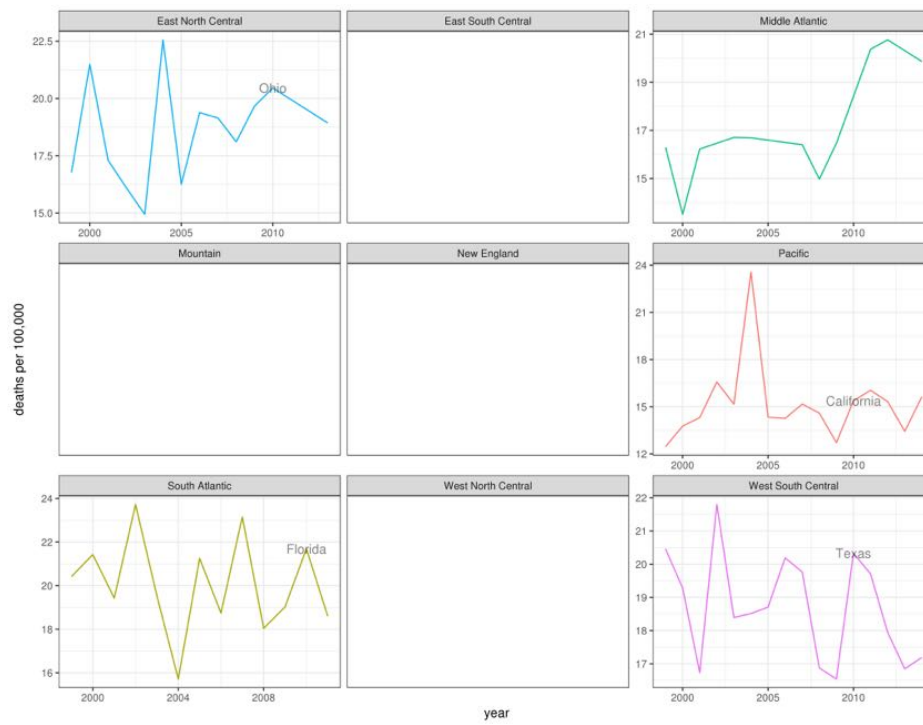
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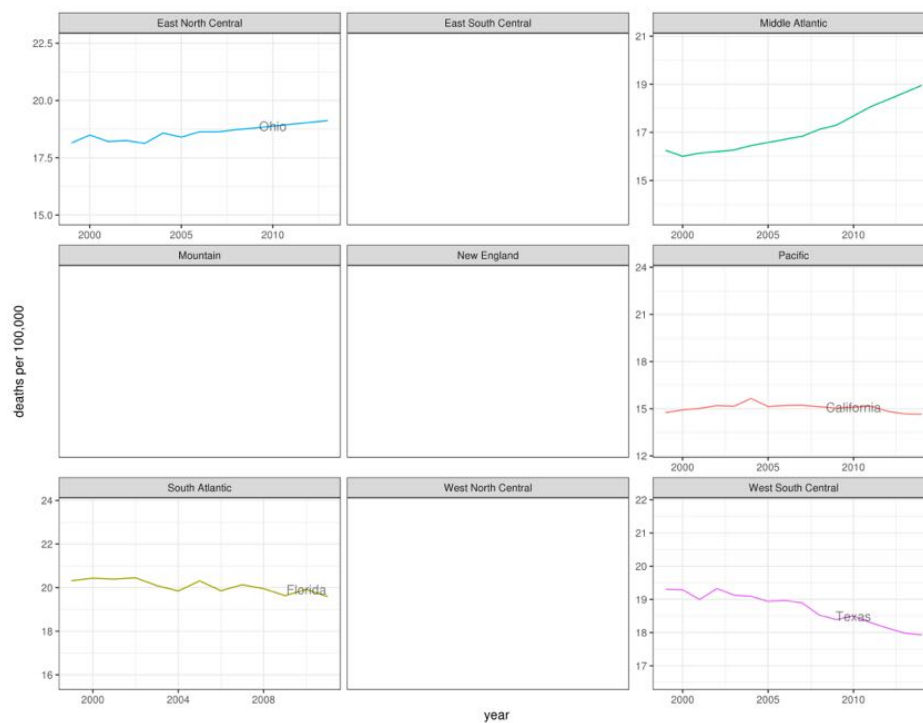
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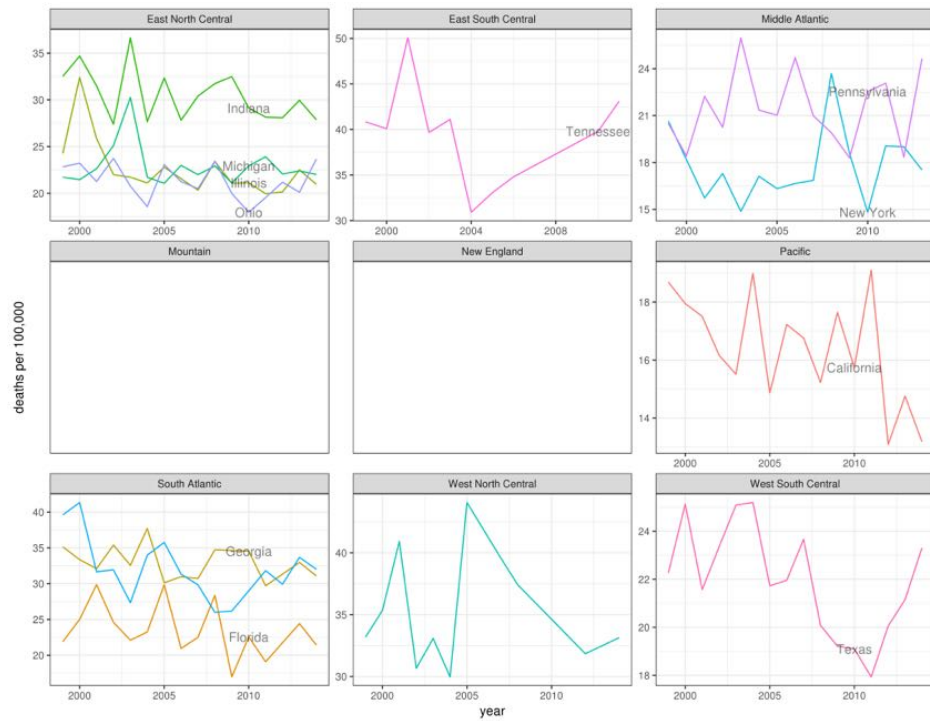
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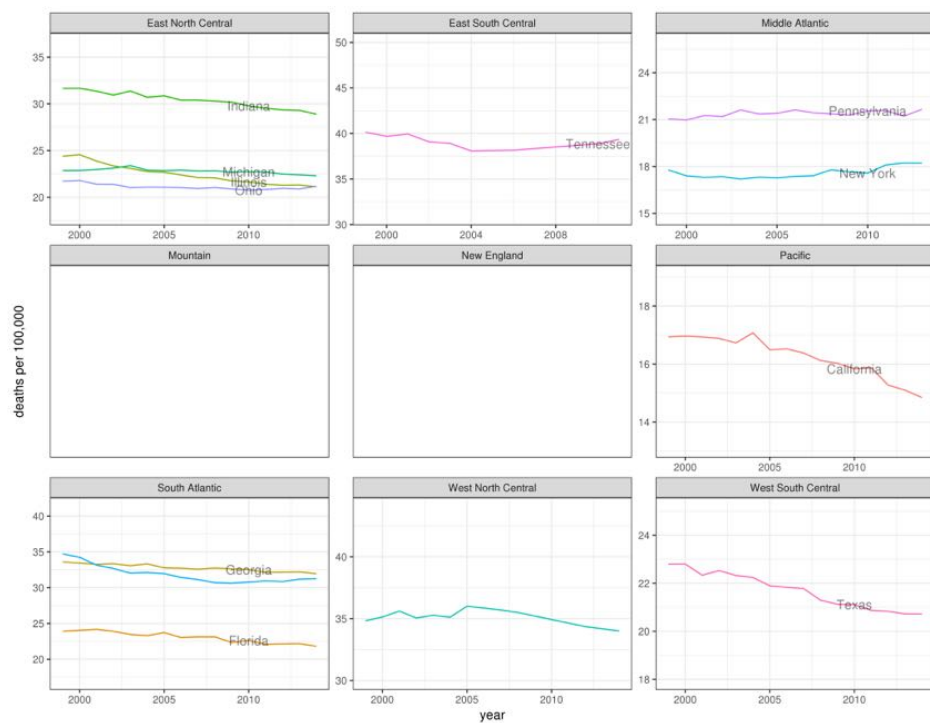
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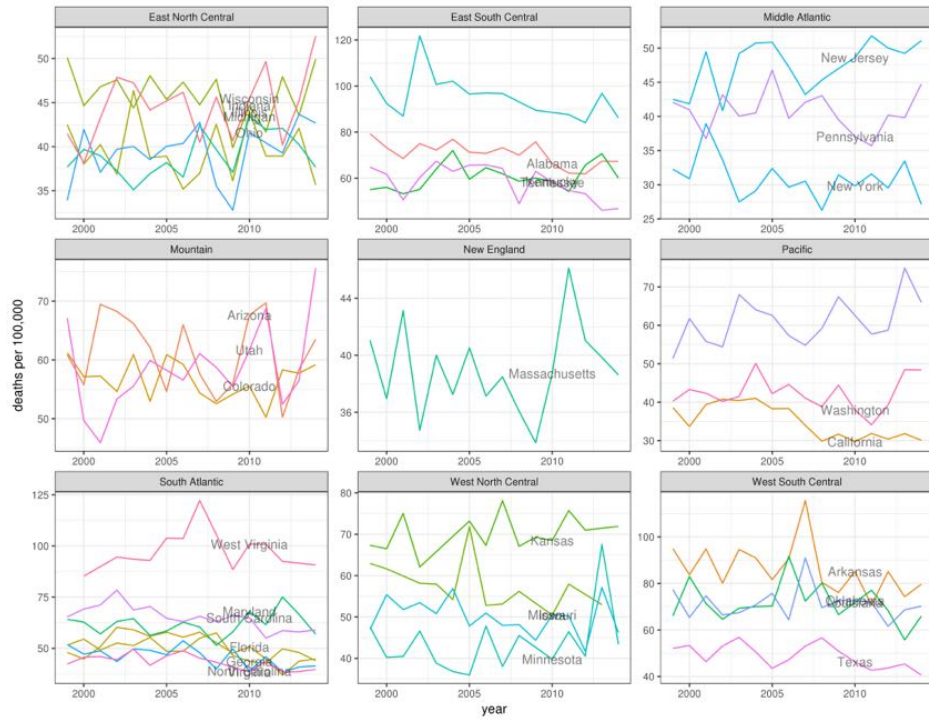
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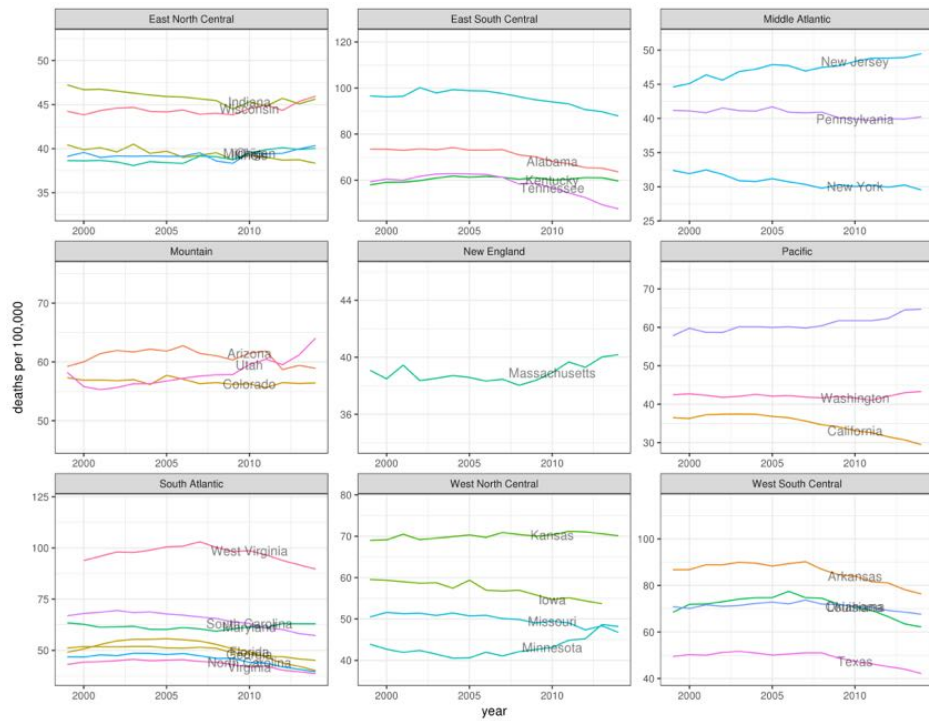
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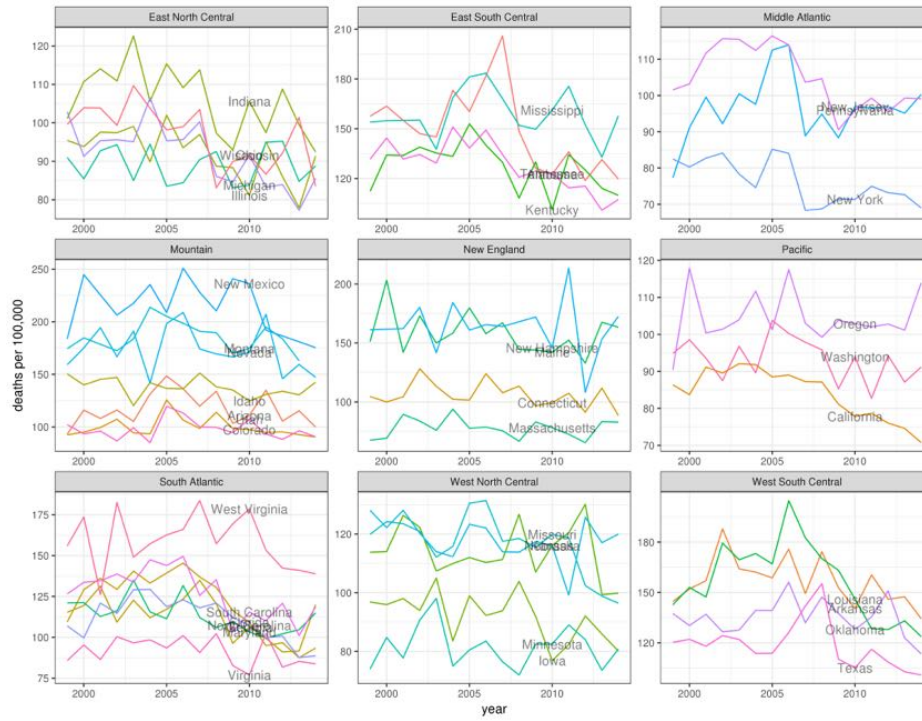
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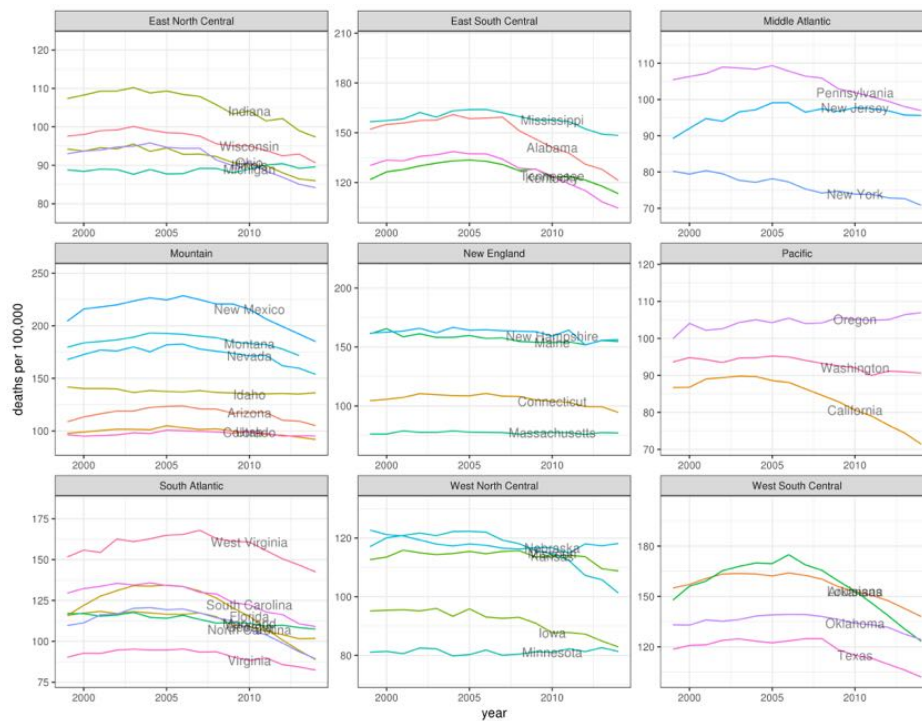
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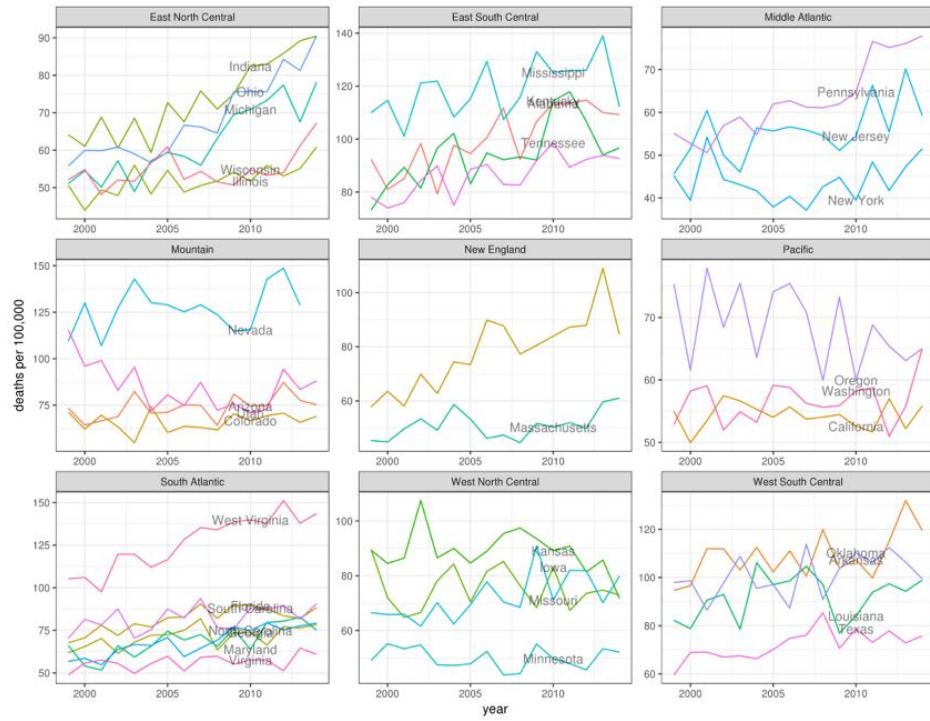
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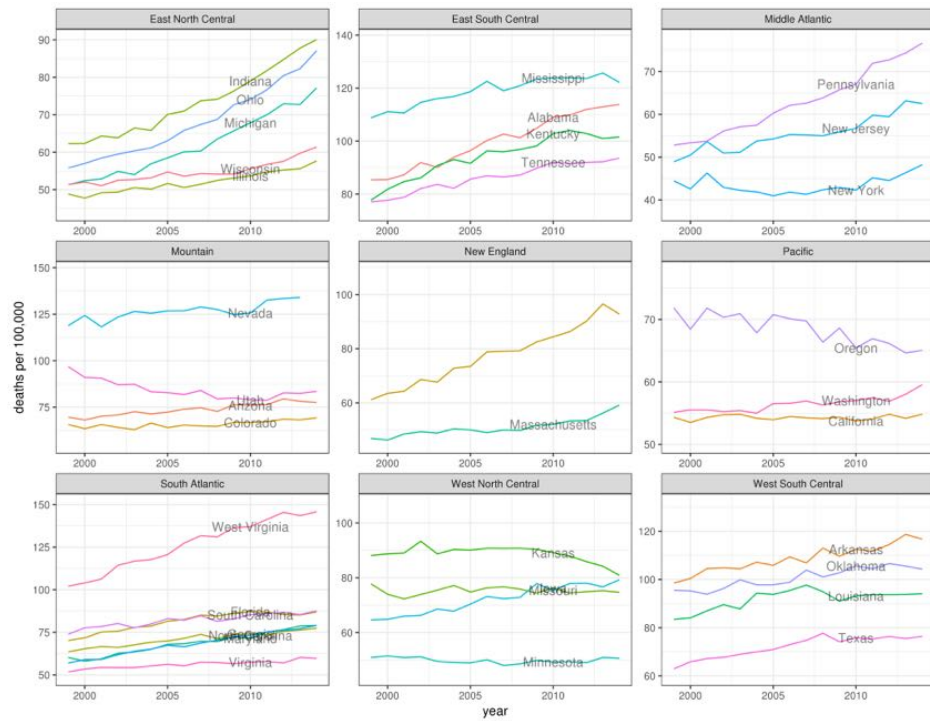
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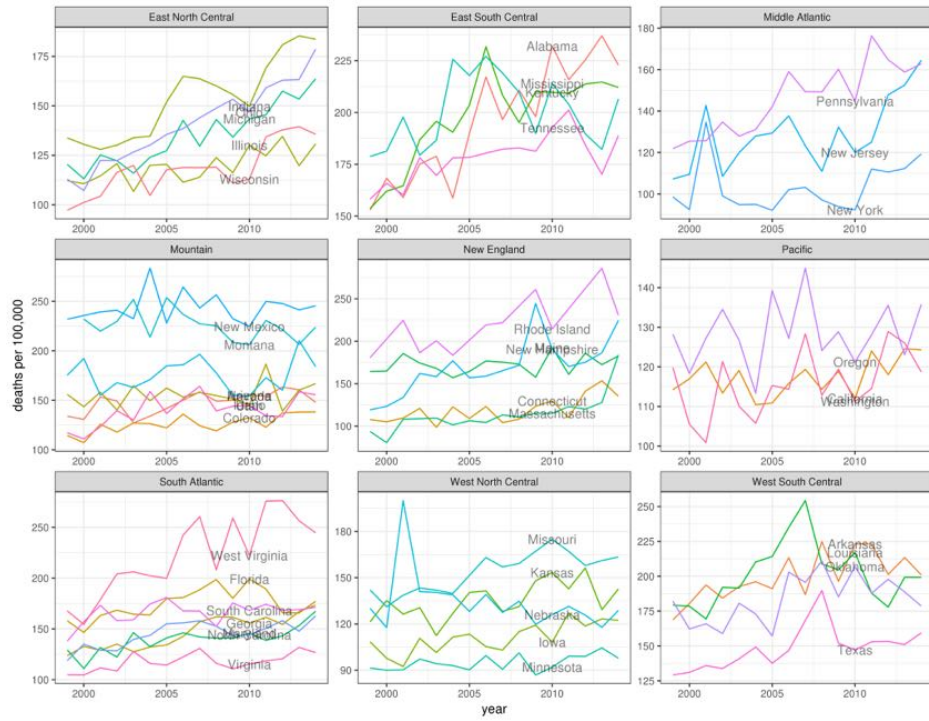
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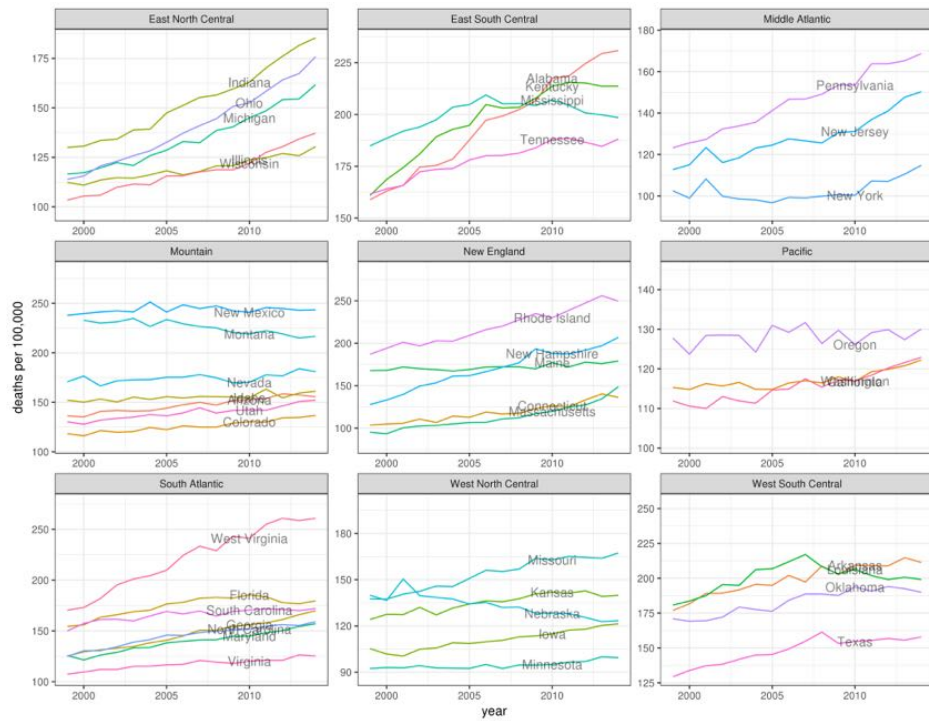
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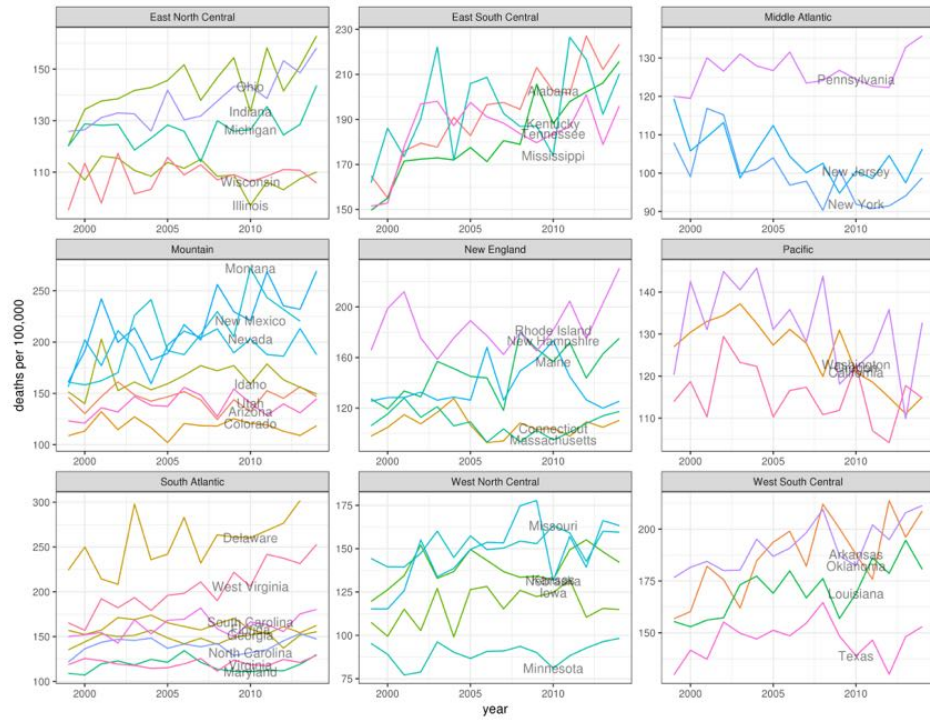
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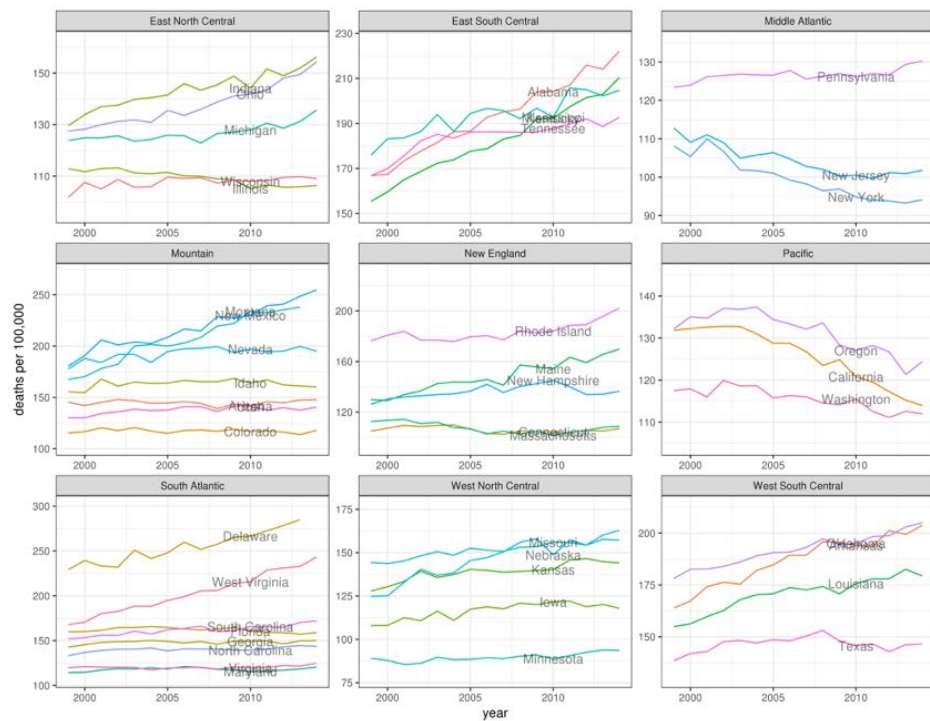
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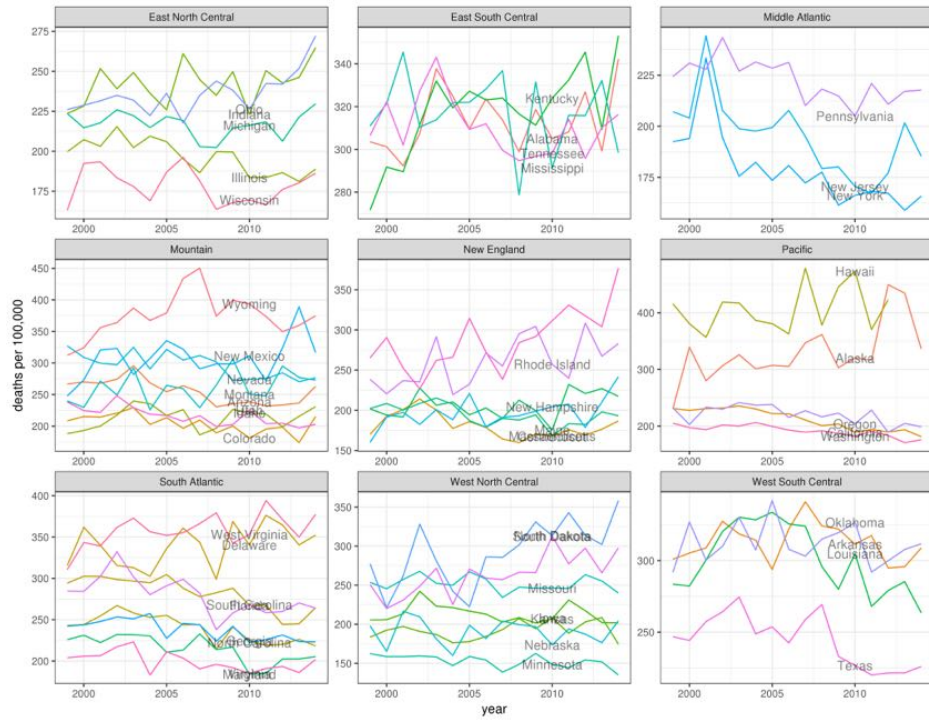
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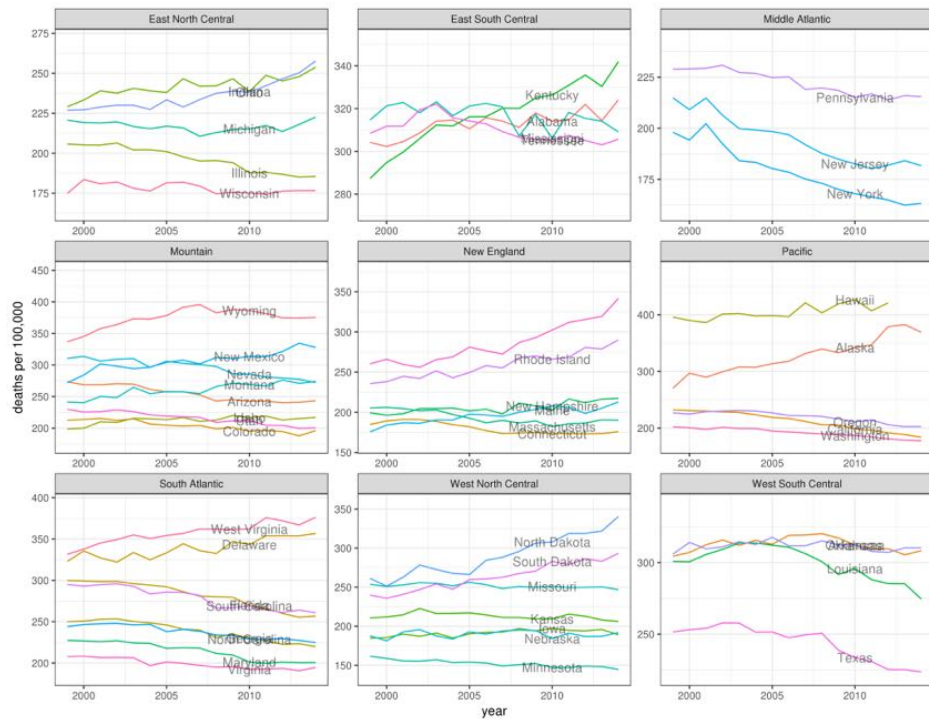
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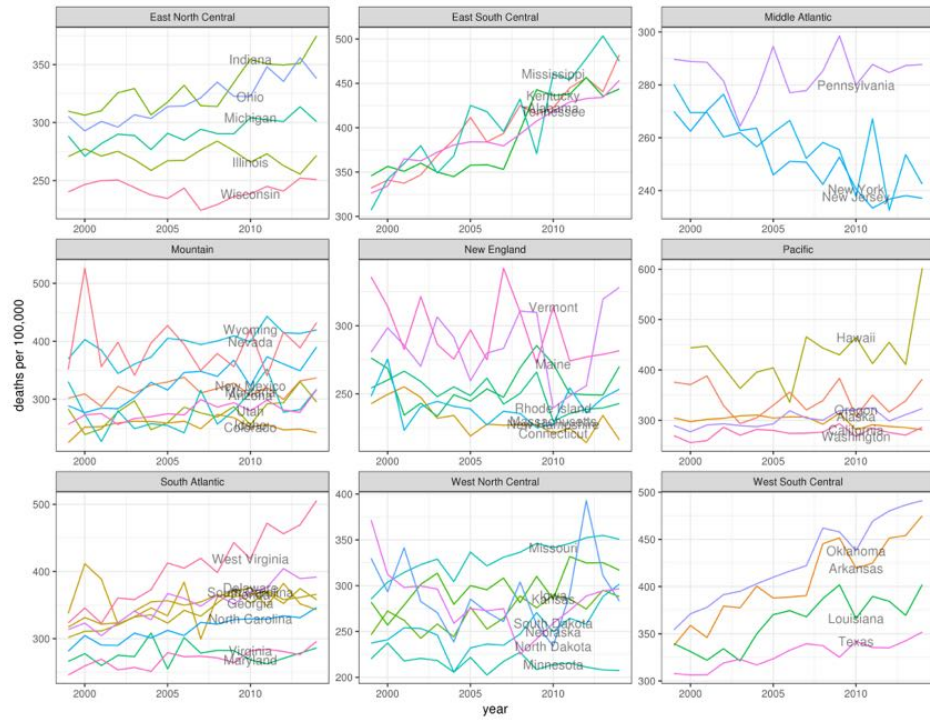
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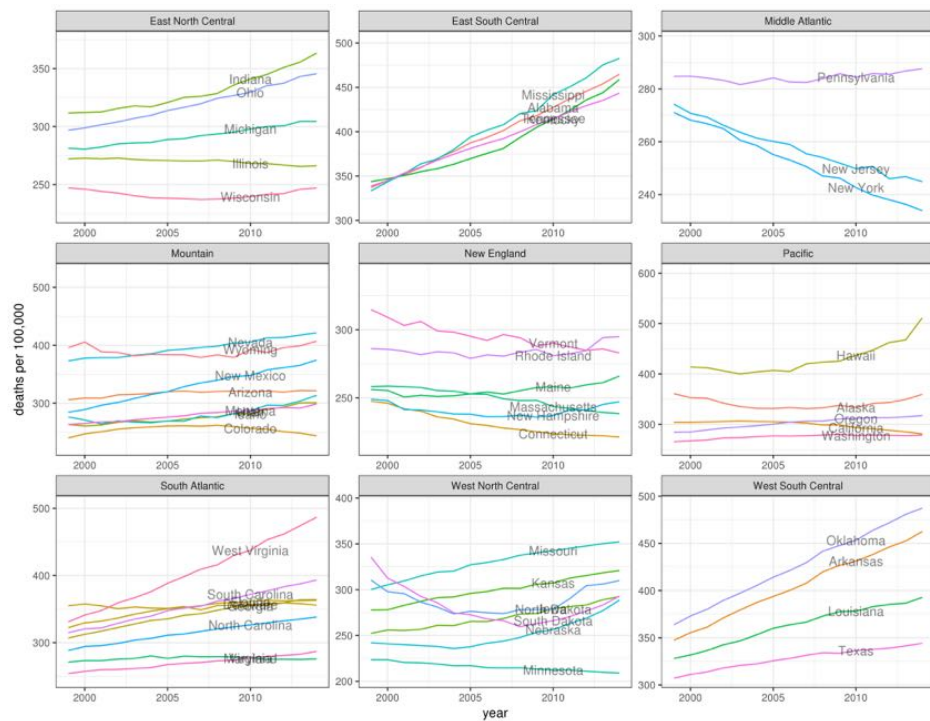
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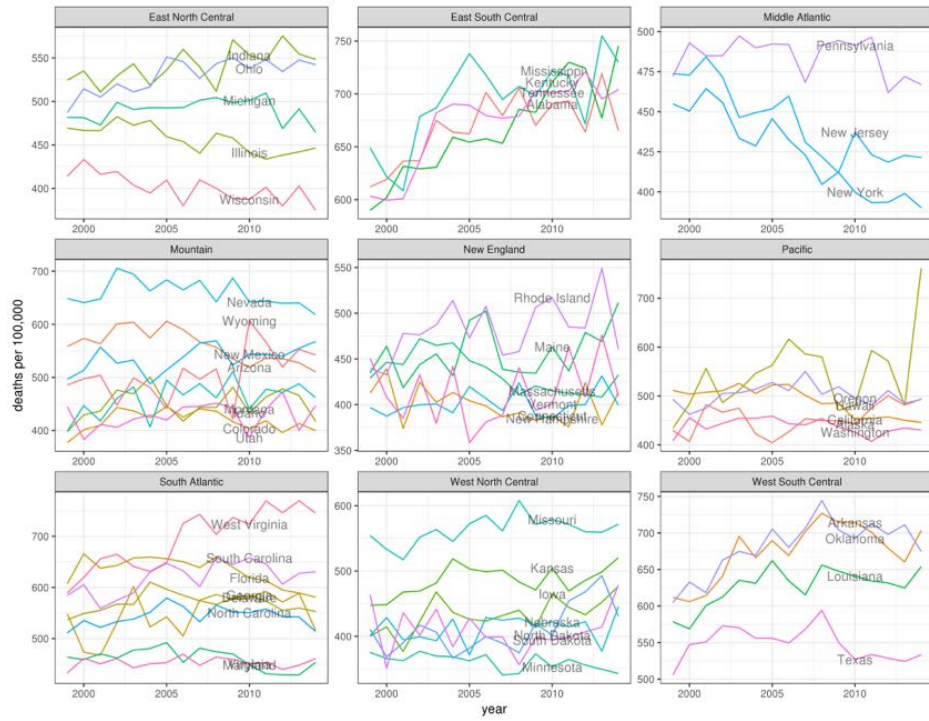
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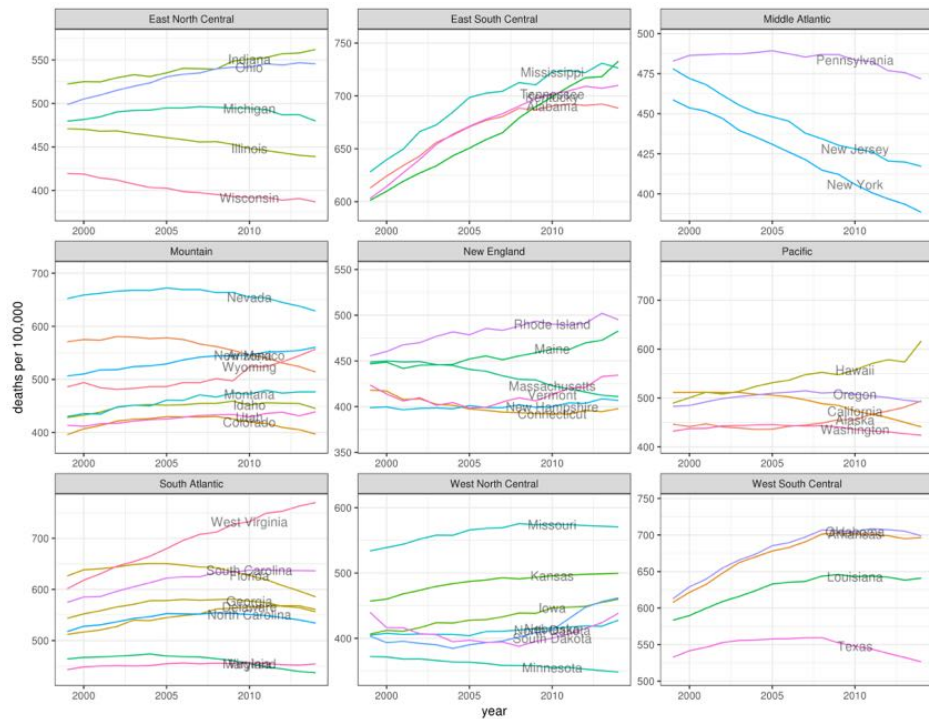
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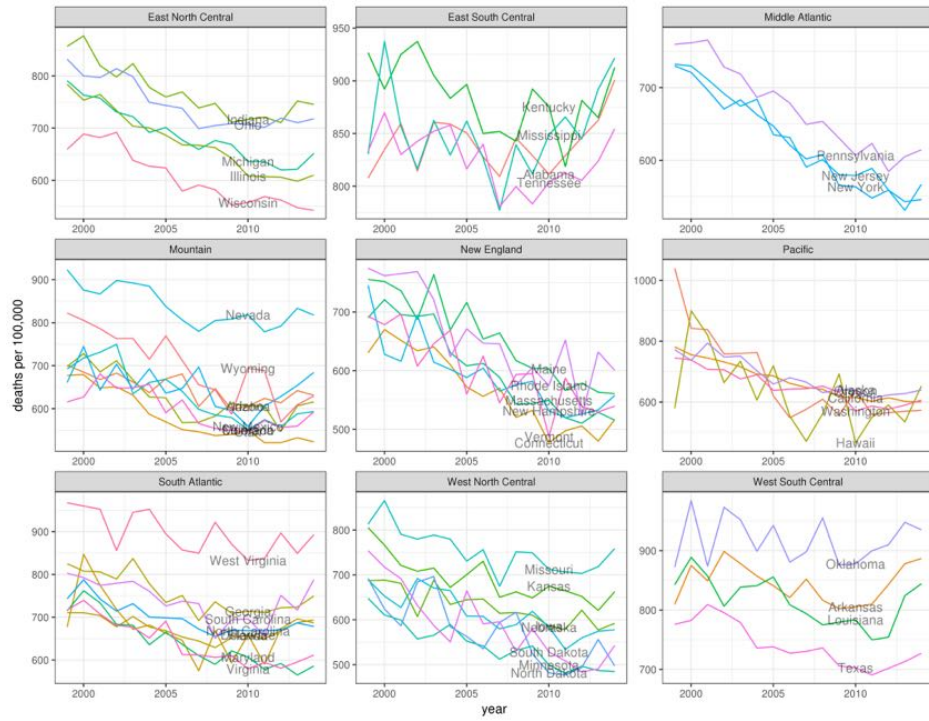
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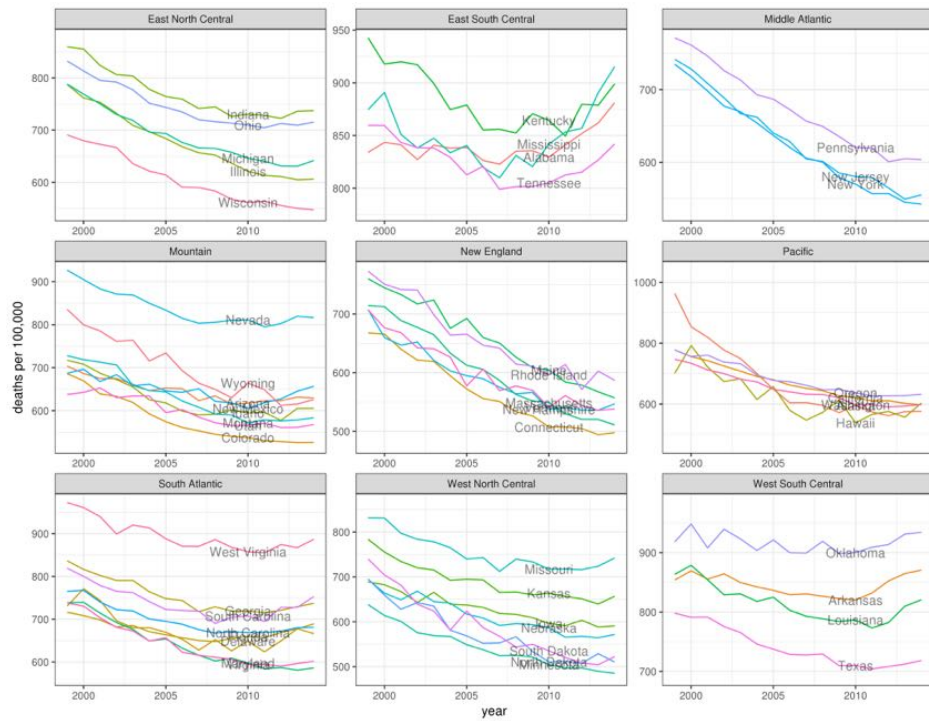
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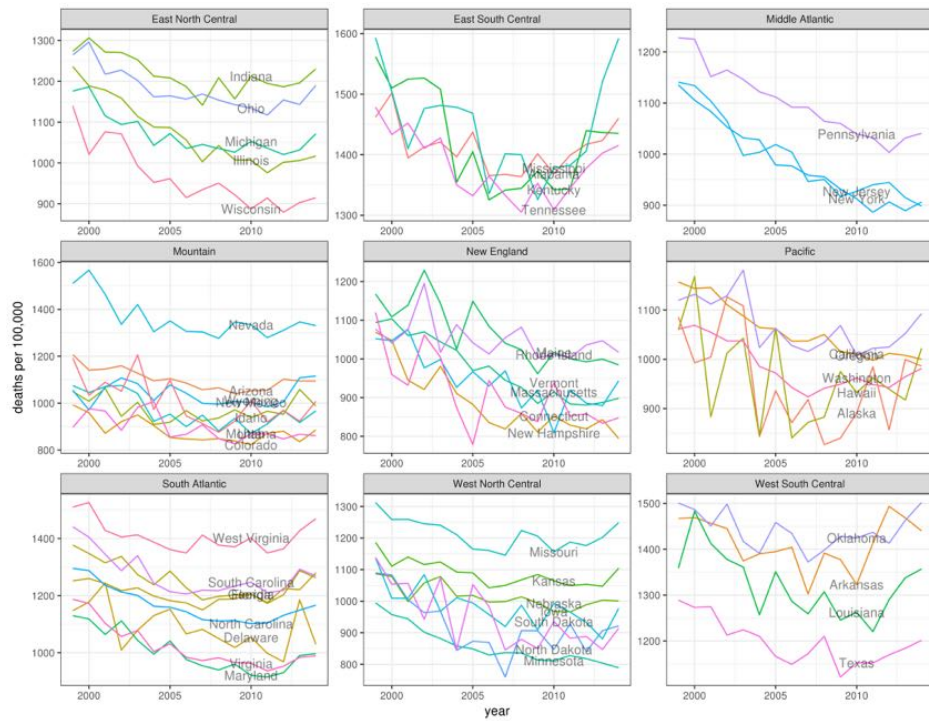
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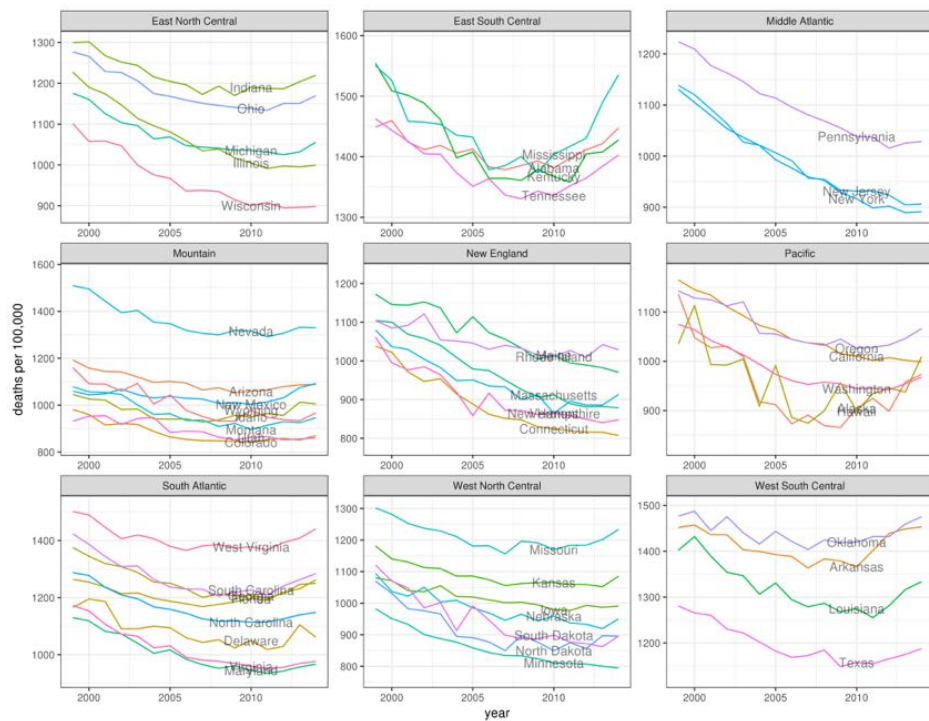
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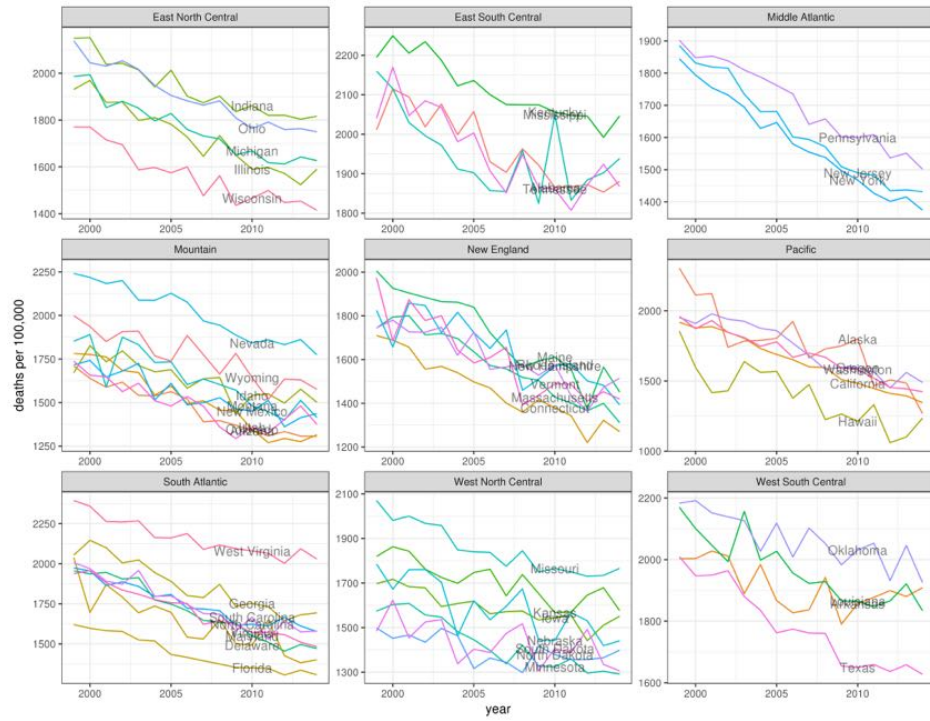
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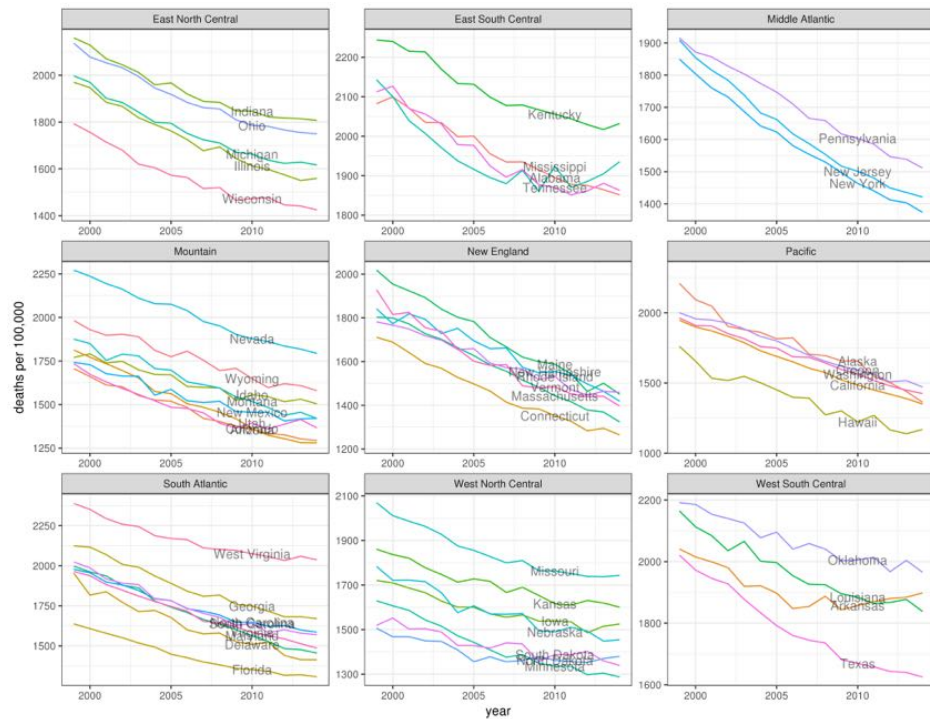
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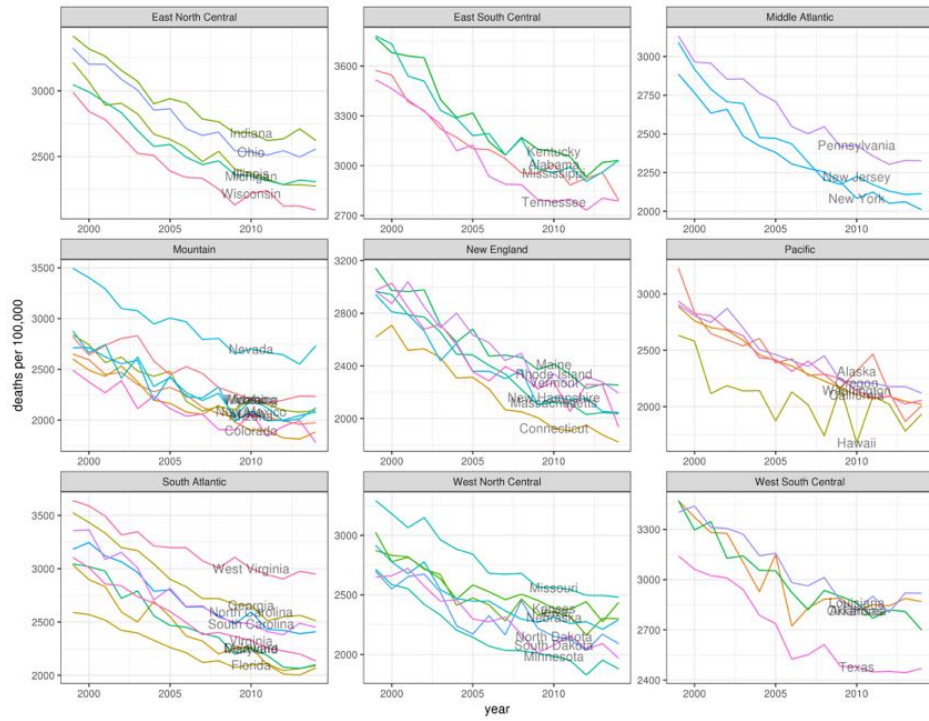
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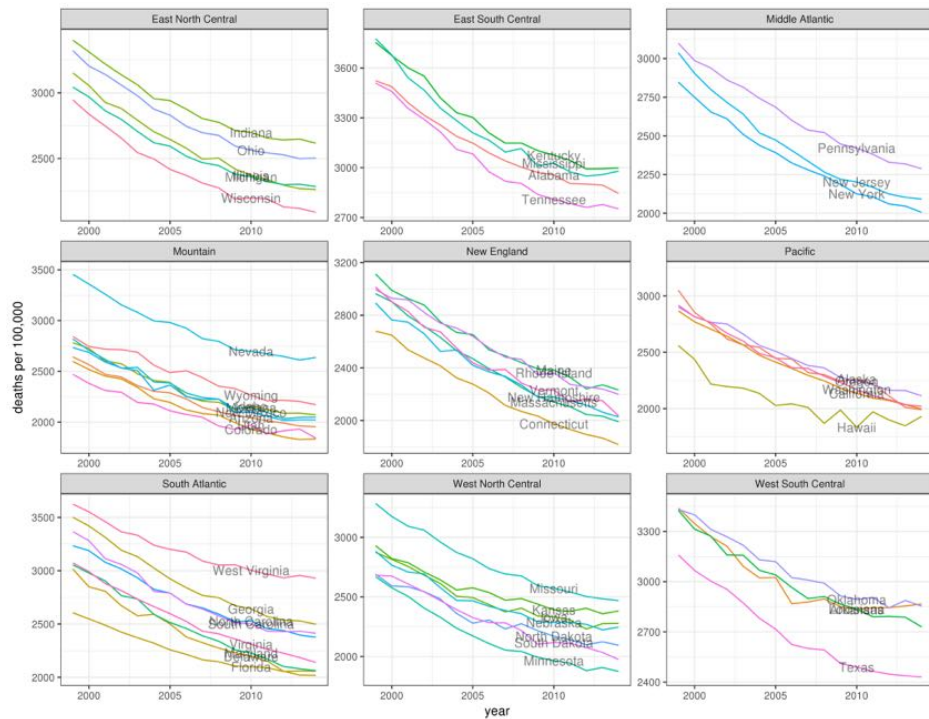
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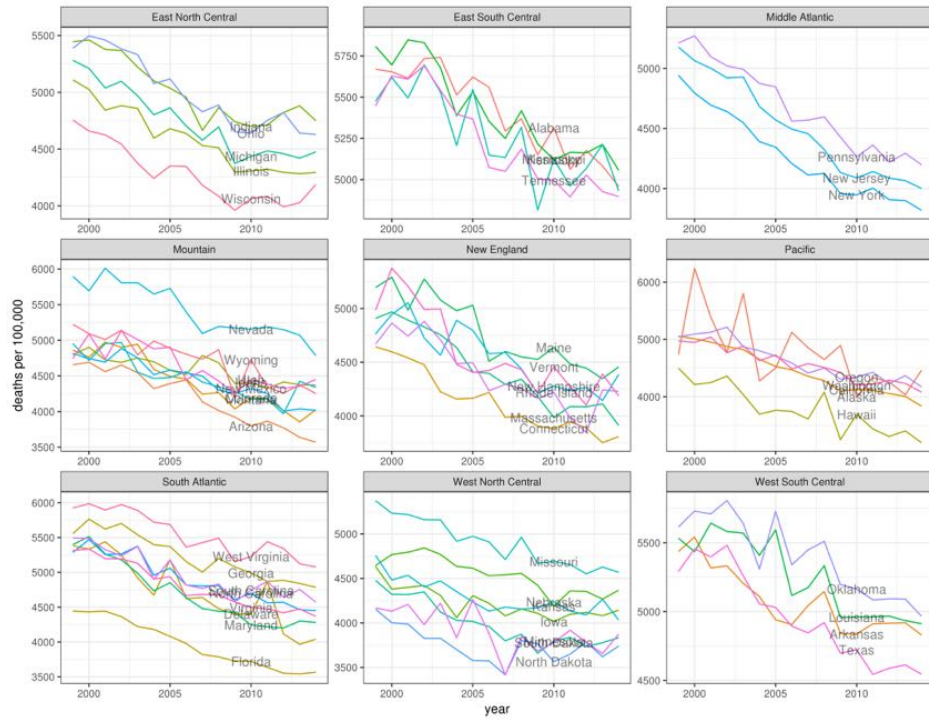
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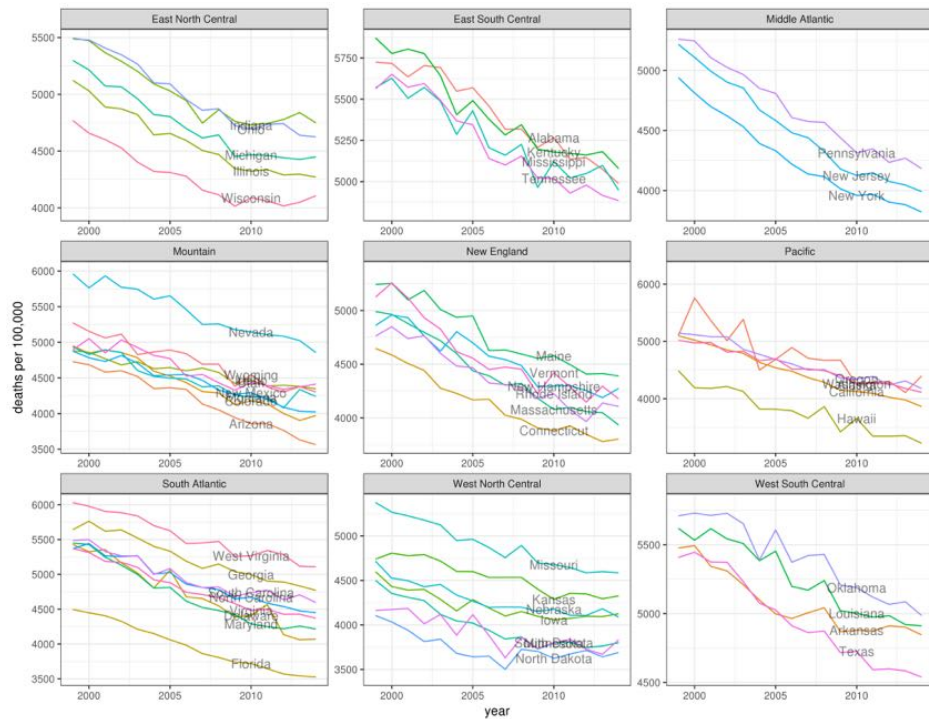
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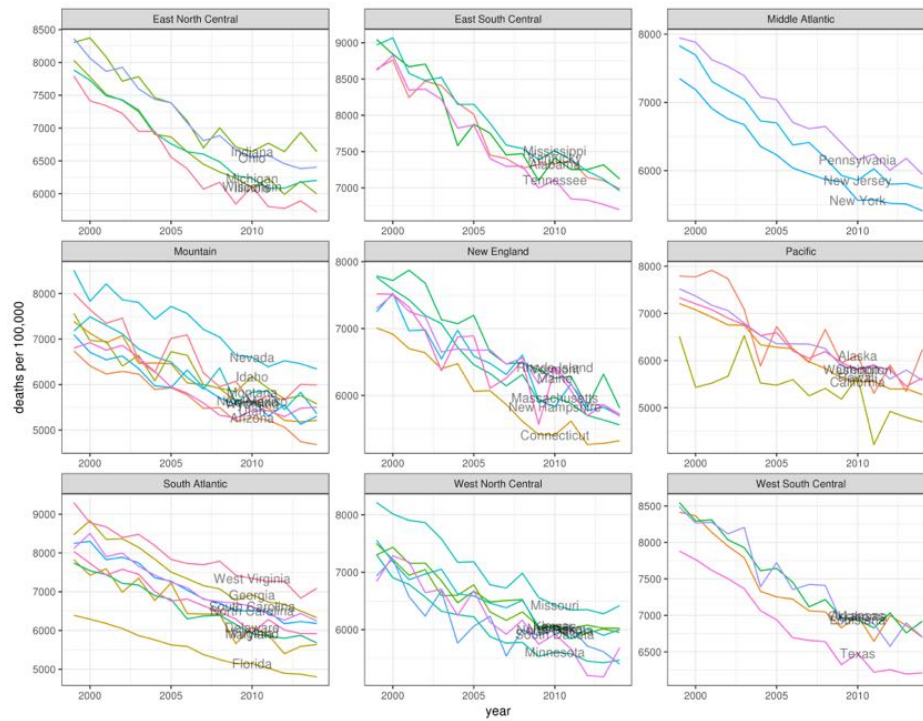
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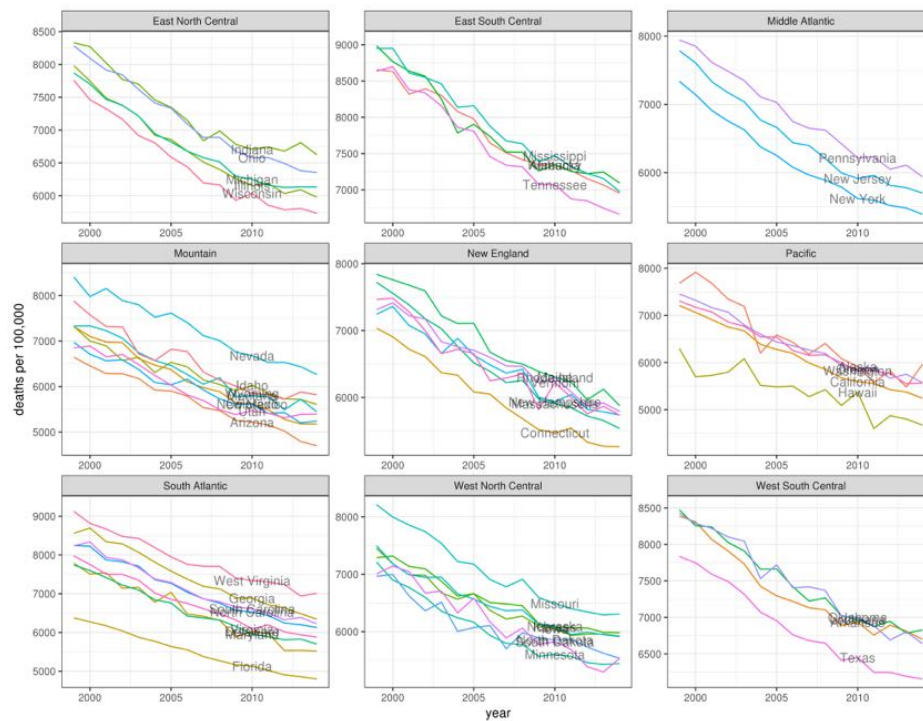
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White Male Age 75-84 Raw

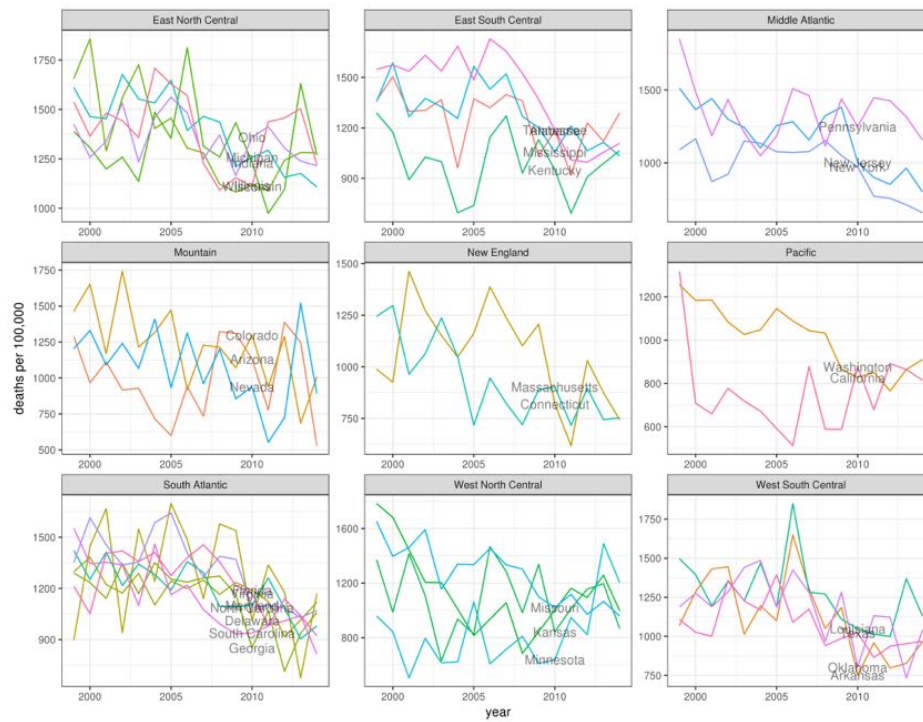


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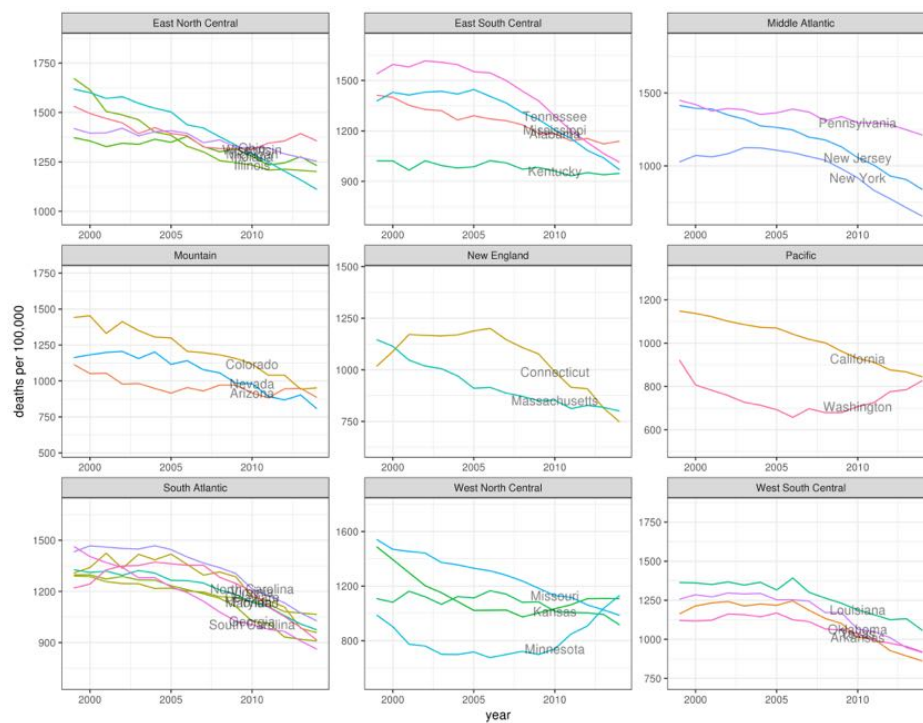


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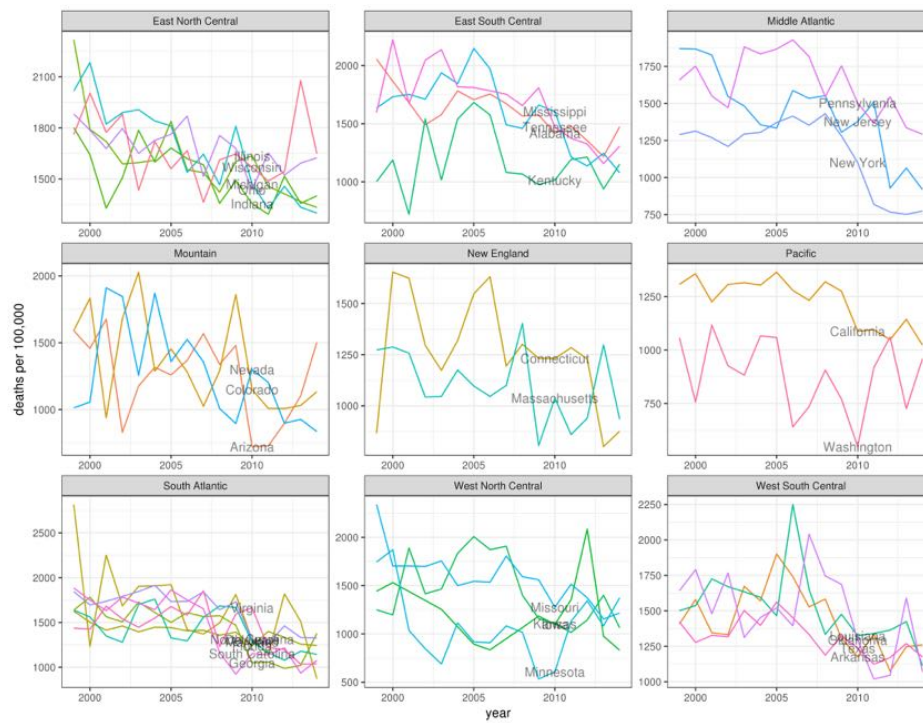
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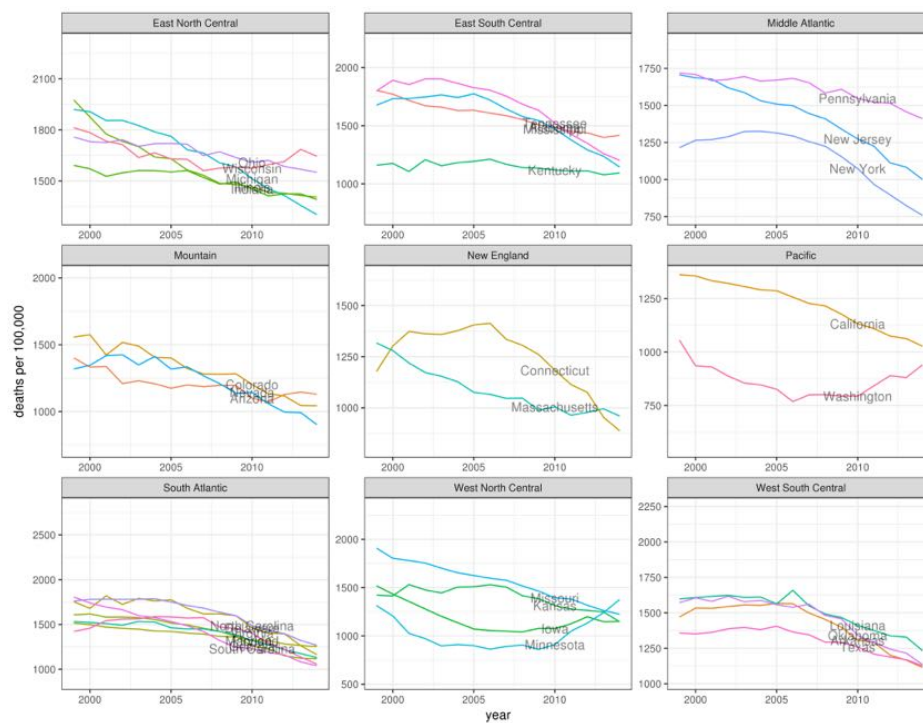
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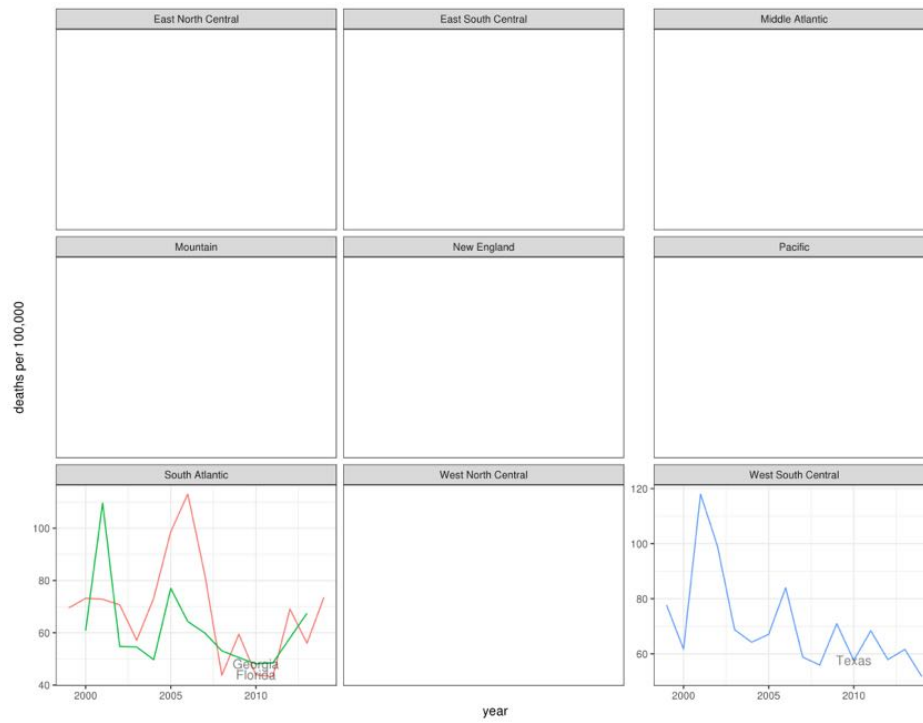
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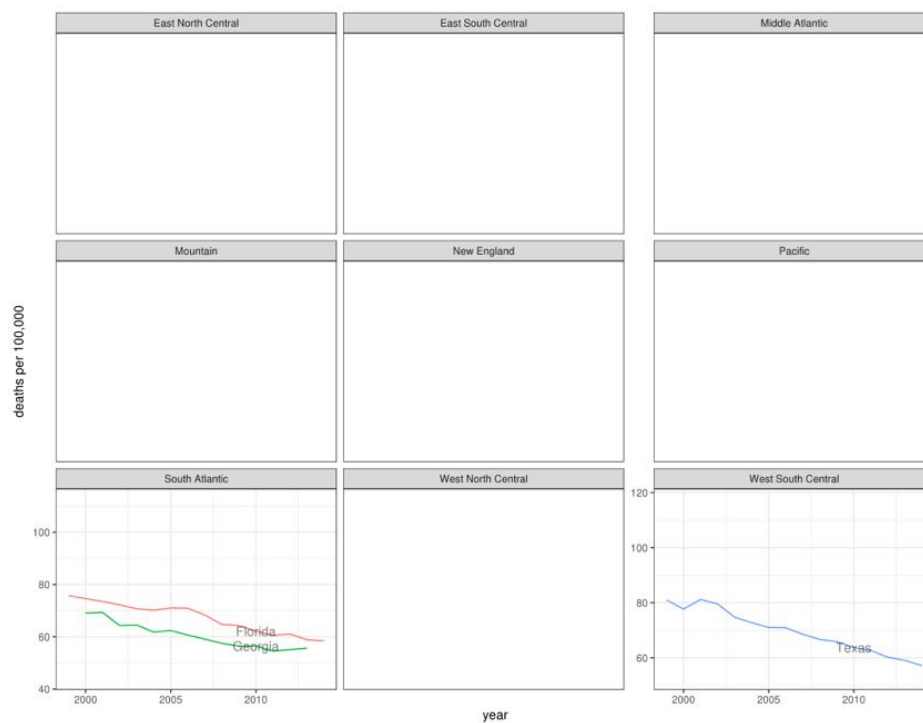
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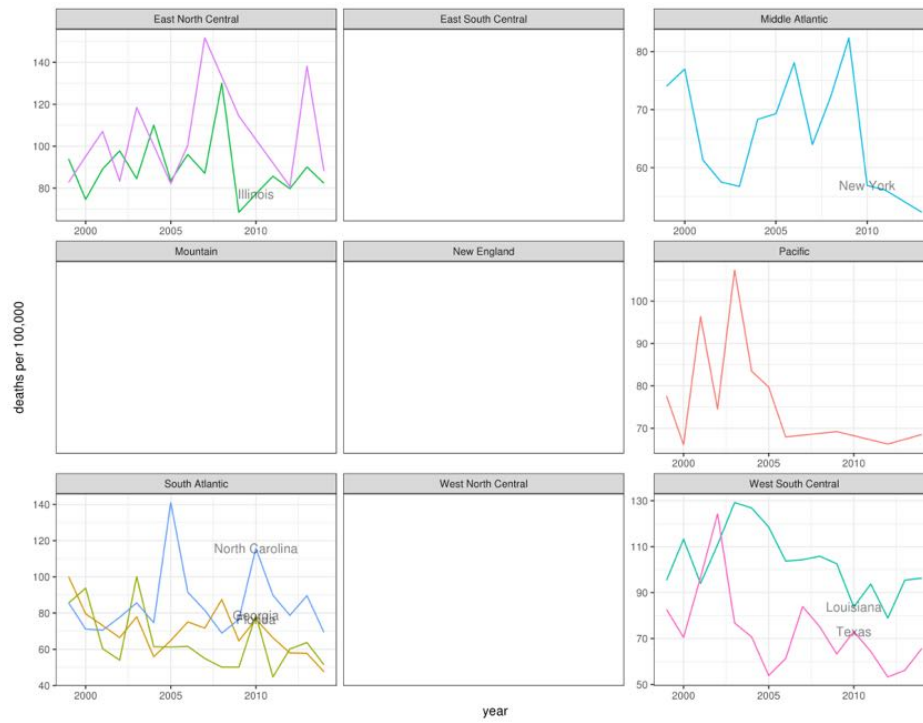
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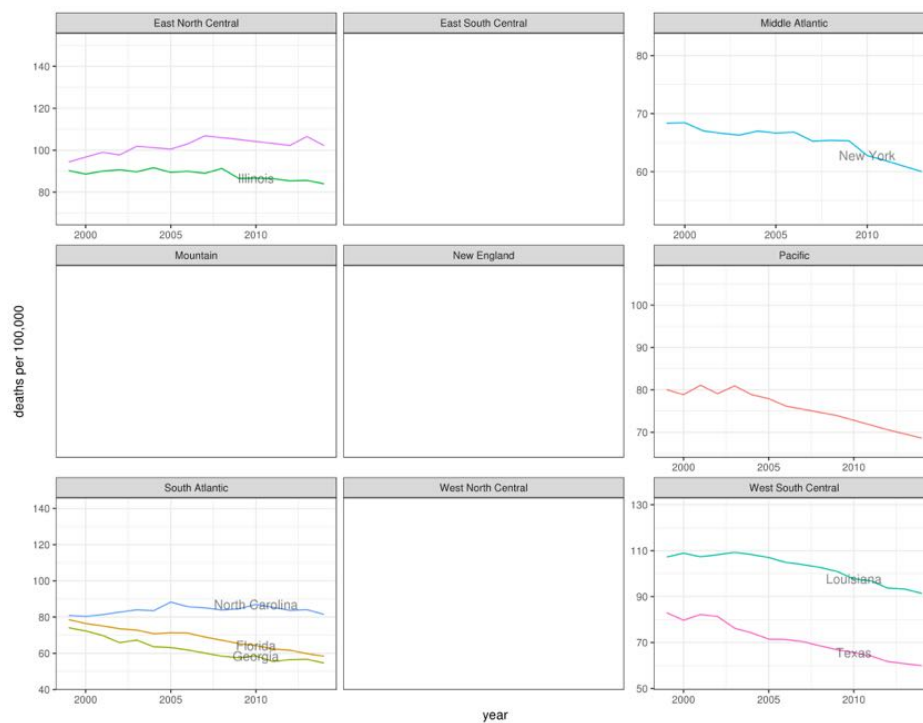
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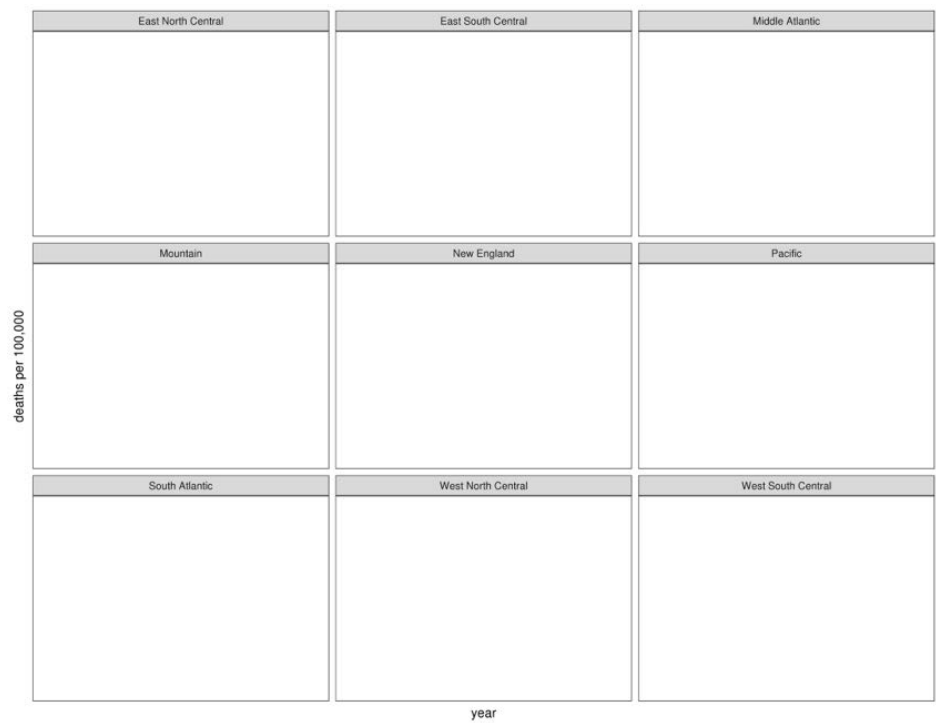
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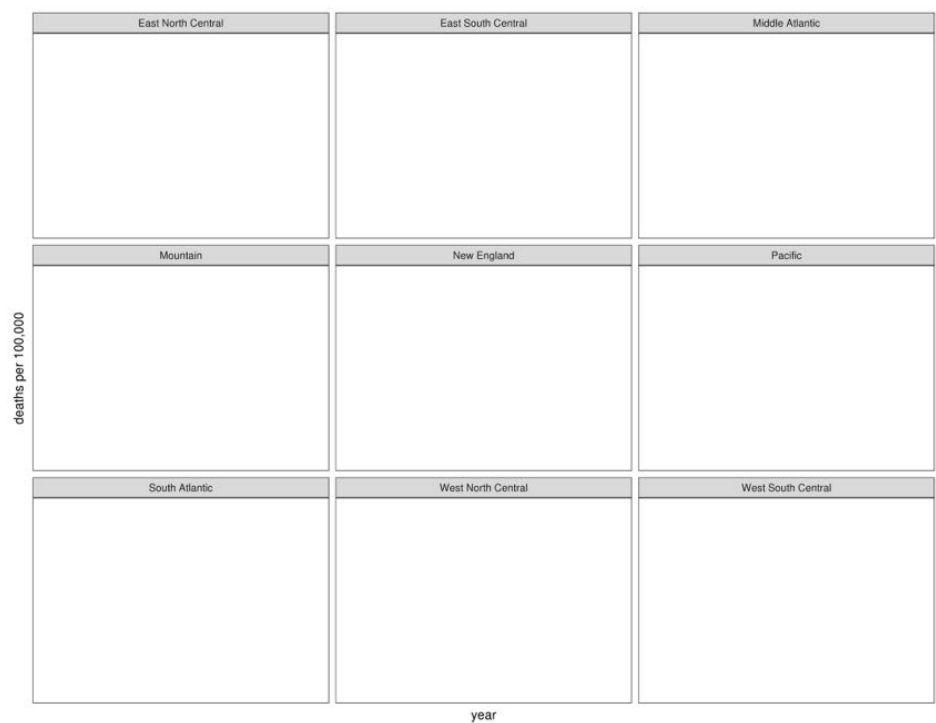
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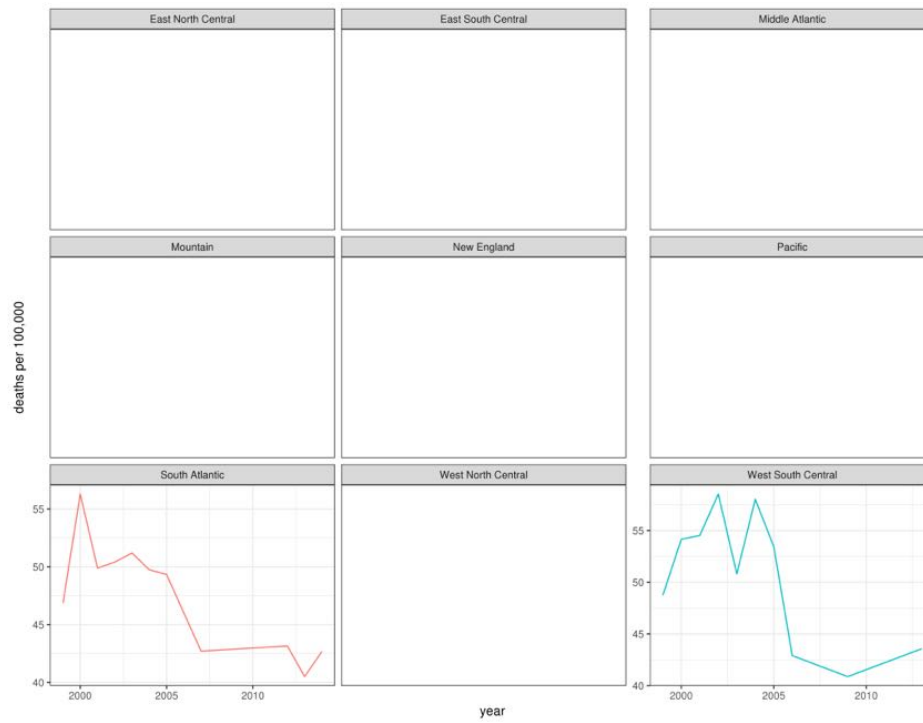
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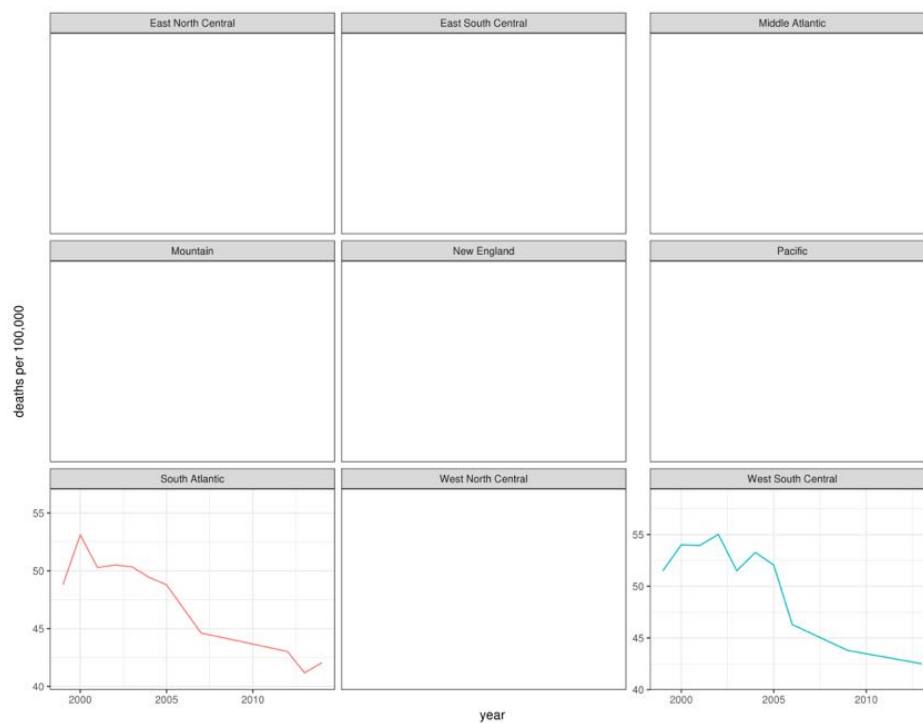
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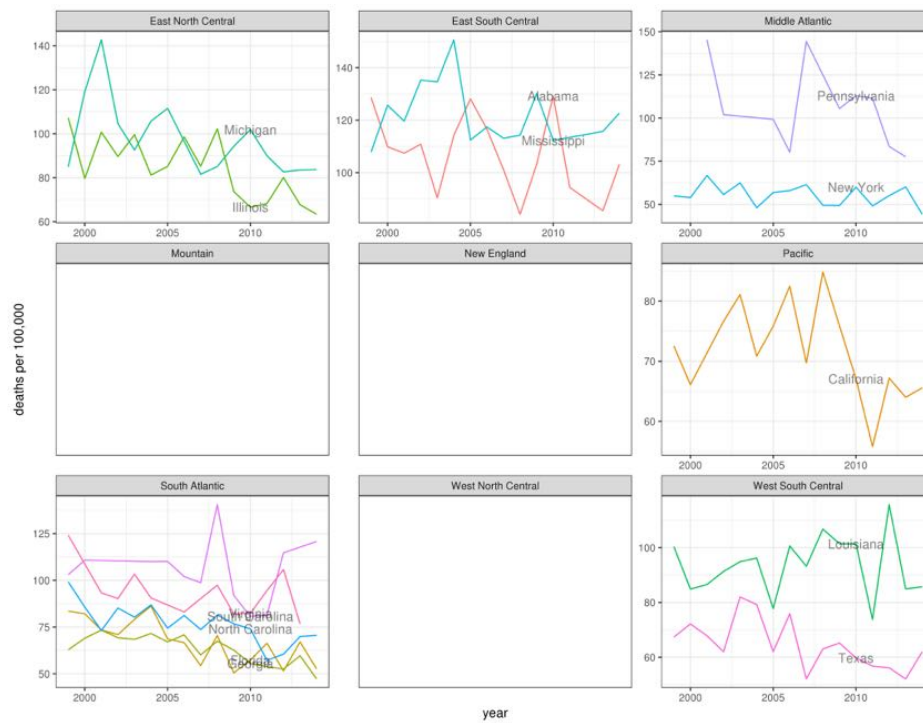
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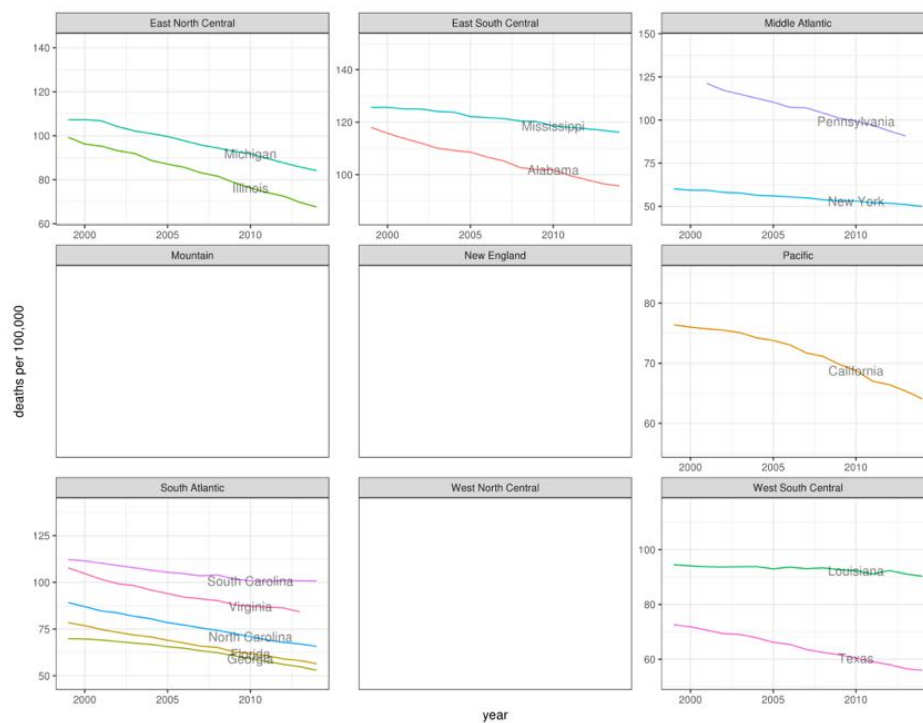
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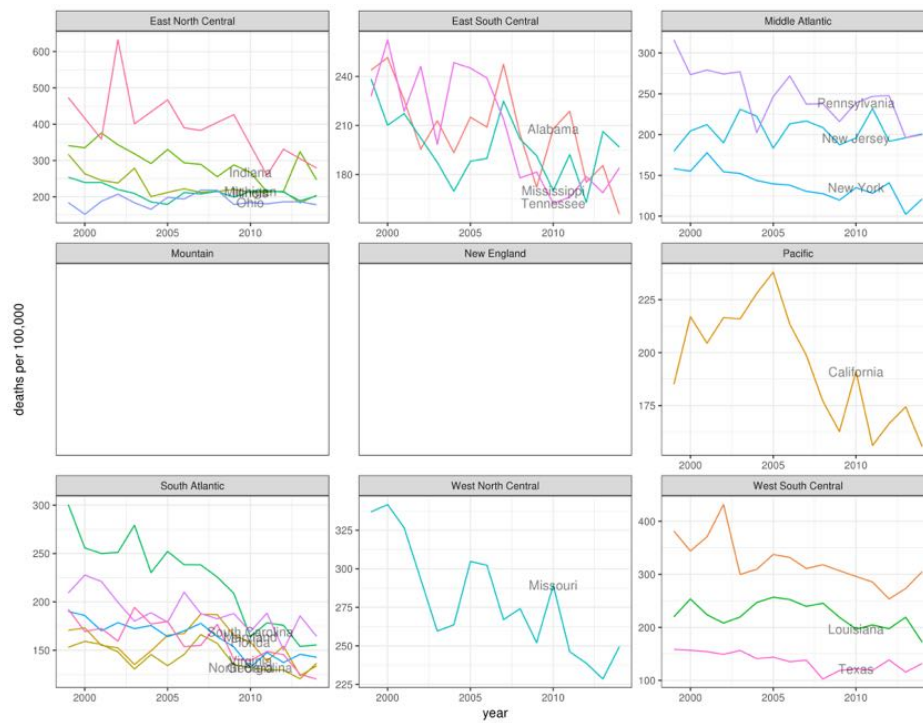
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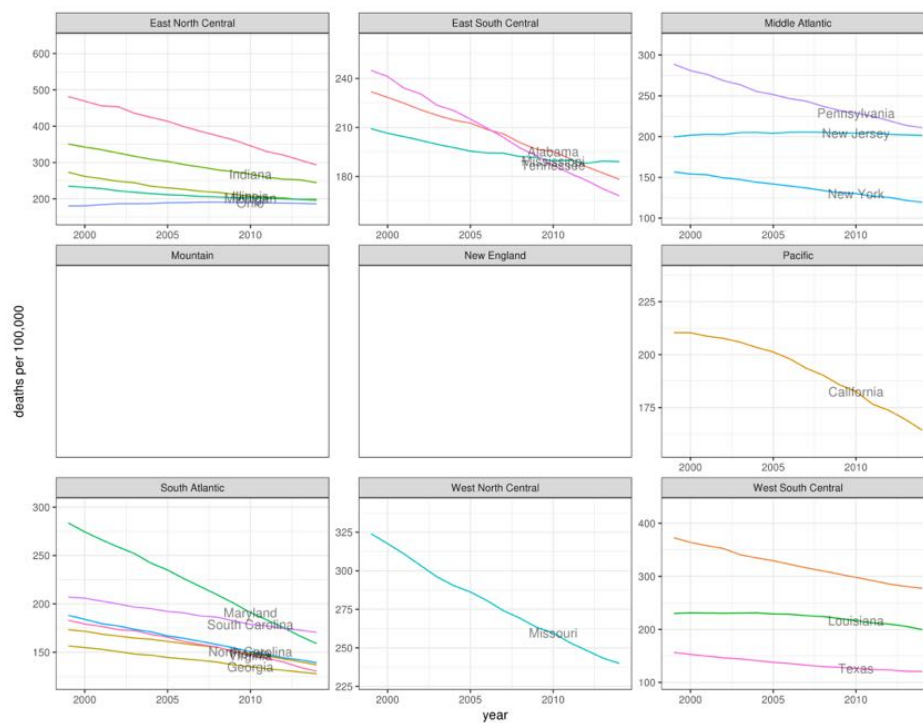
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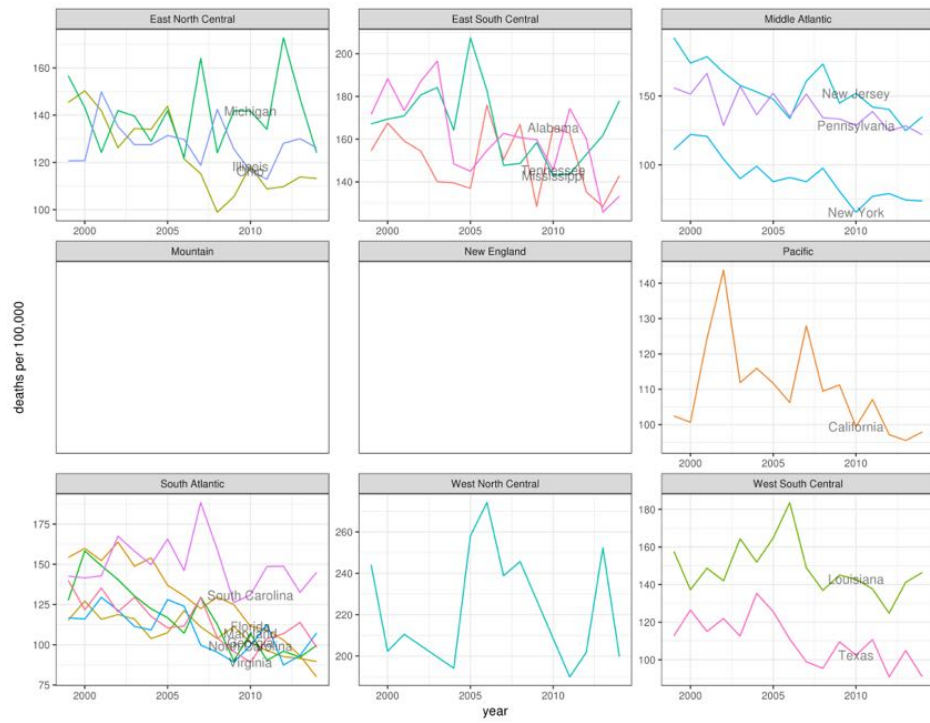
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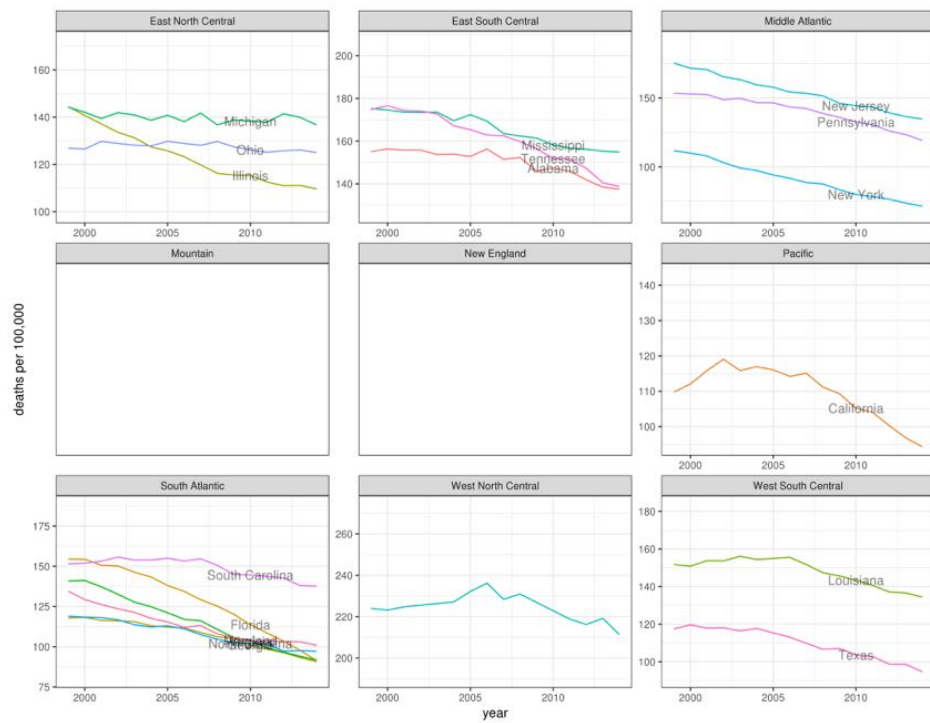
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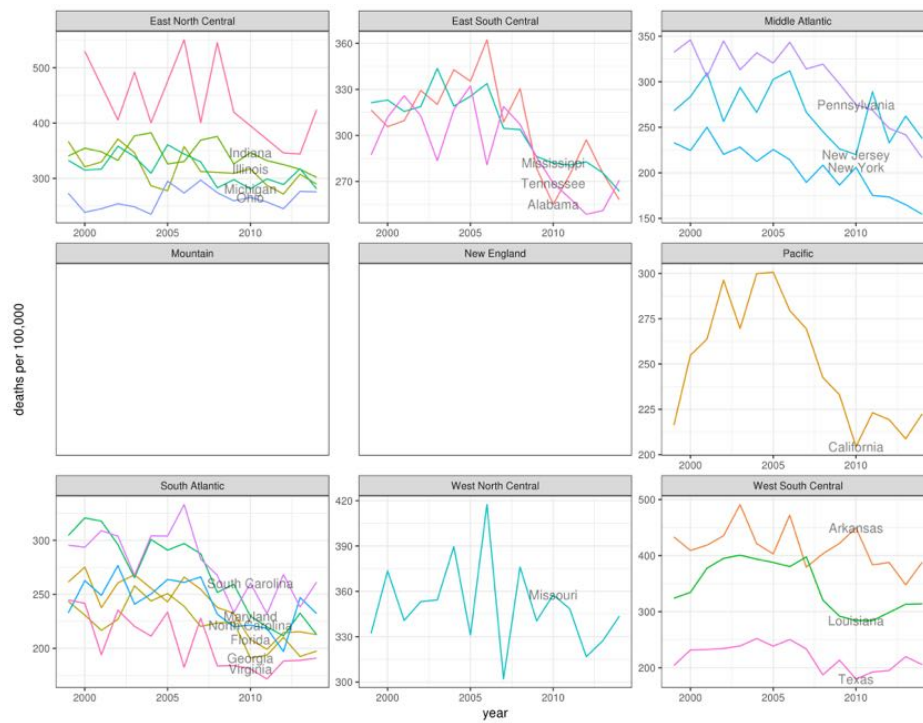
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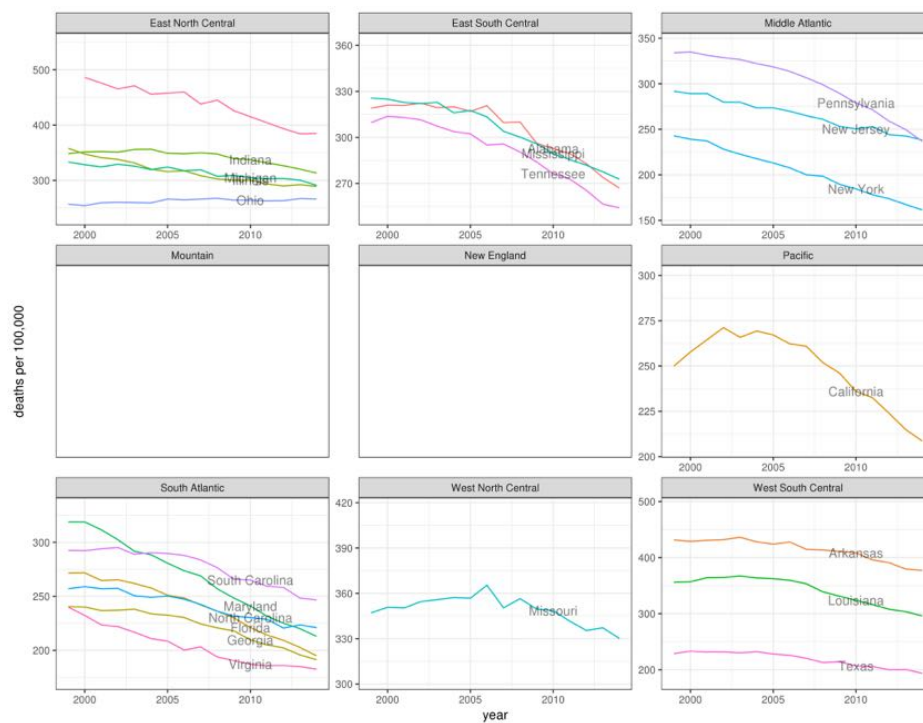
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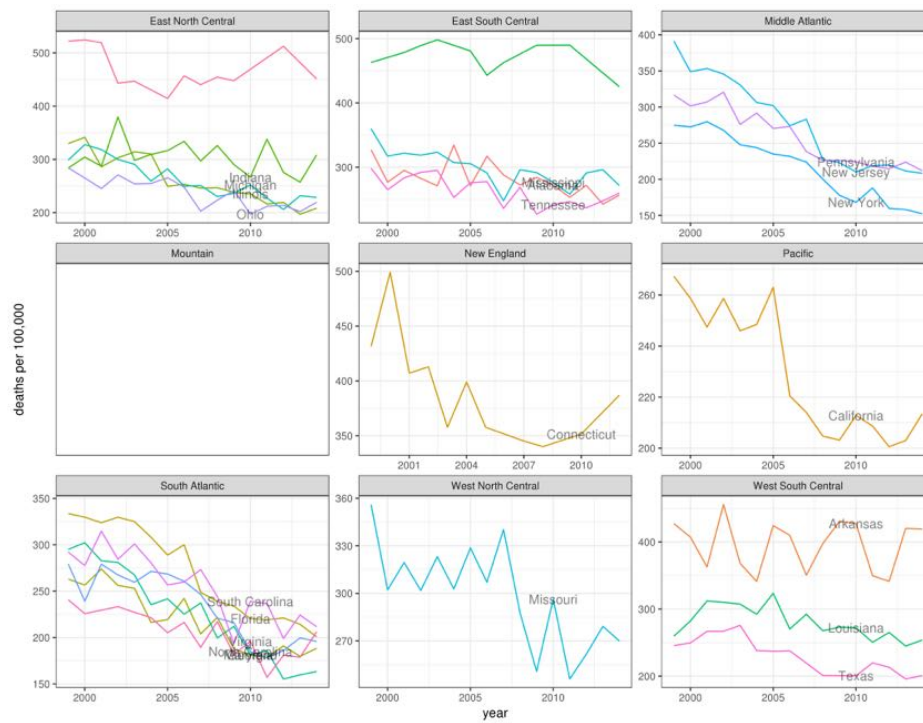
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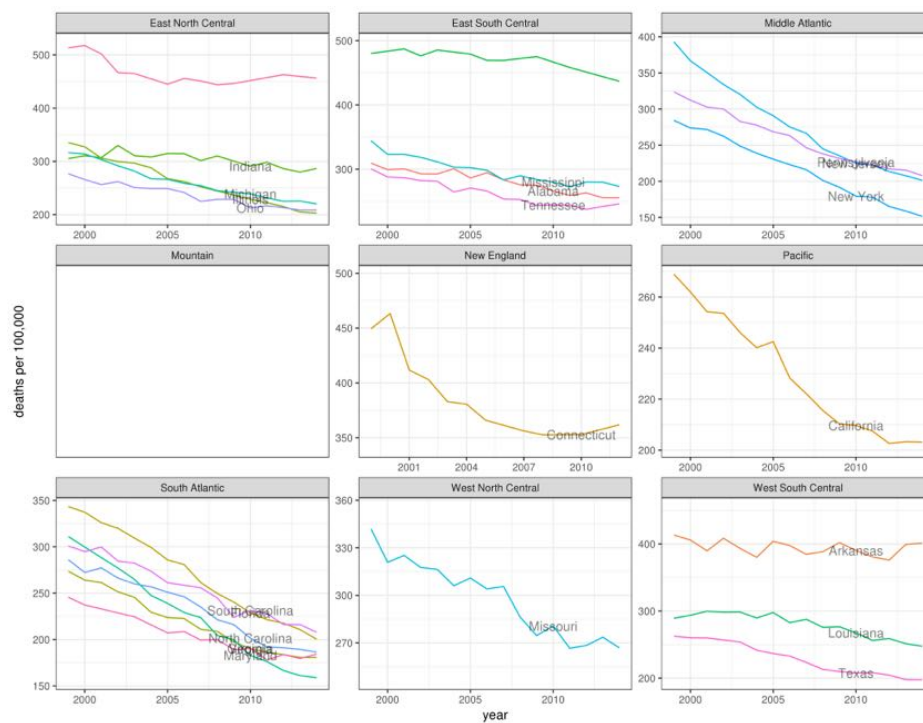
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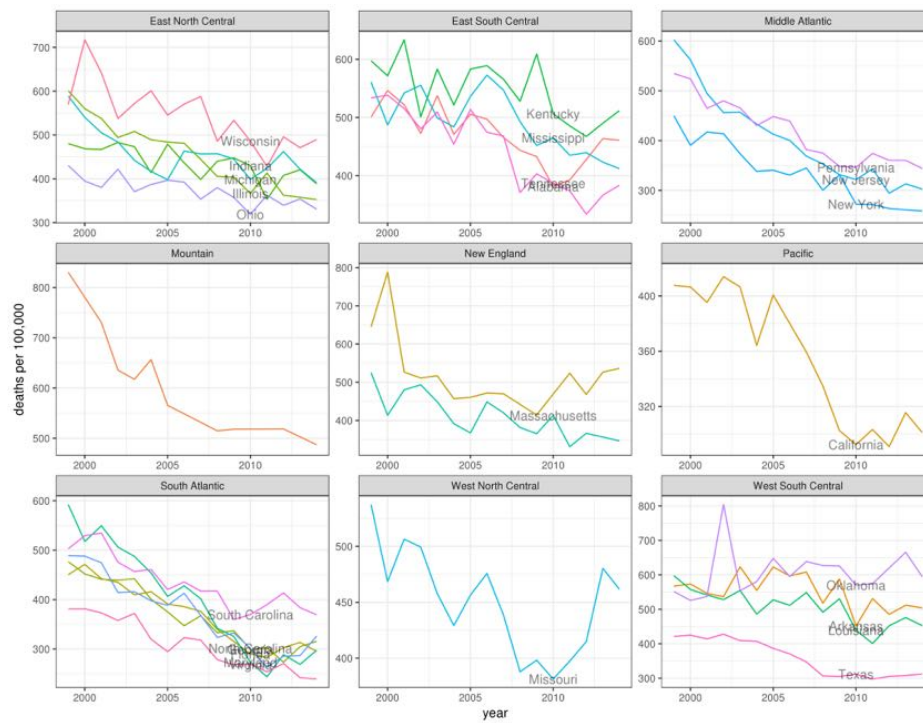
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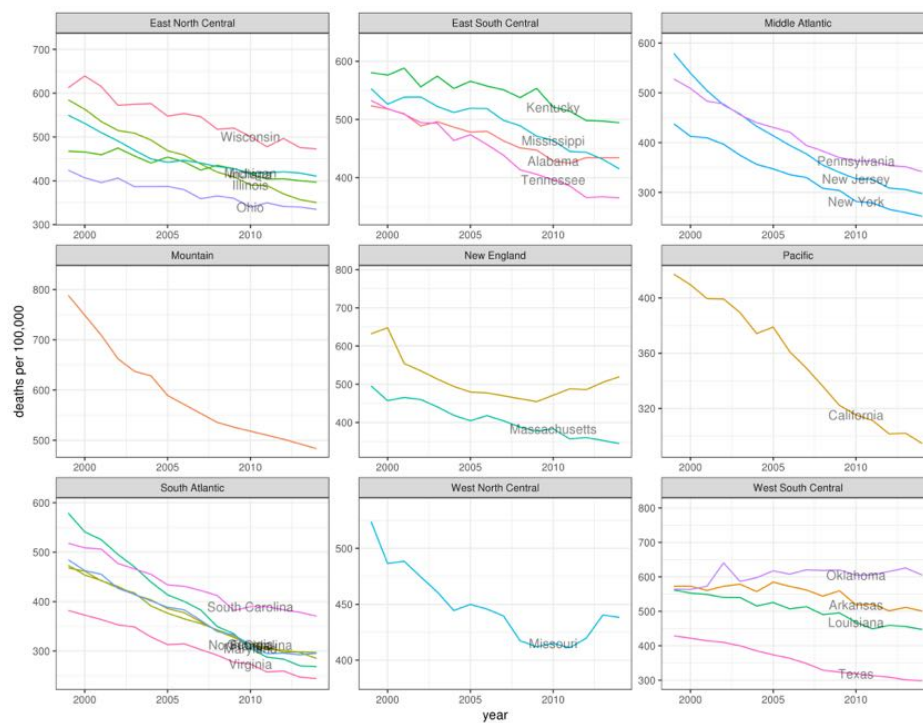
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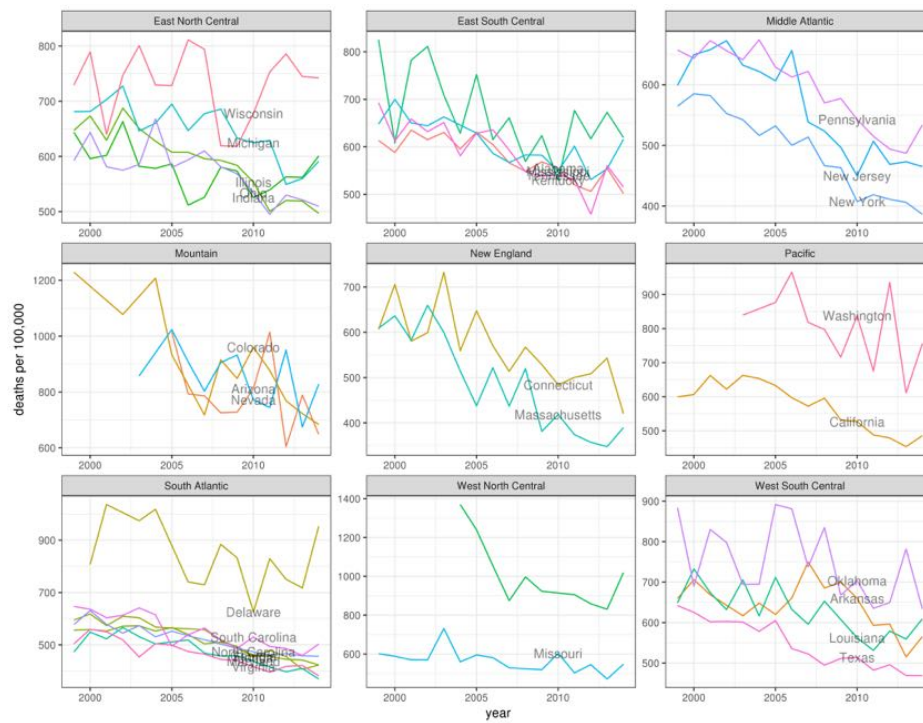
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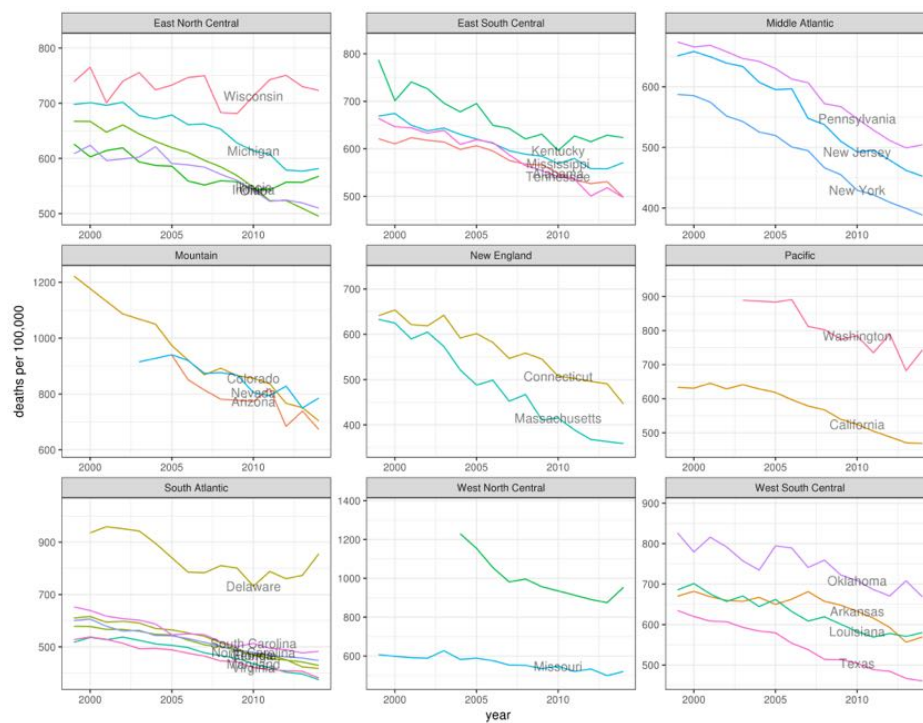
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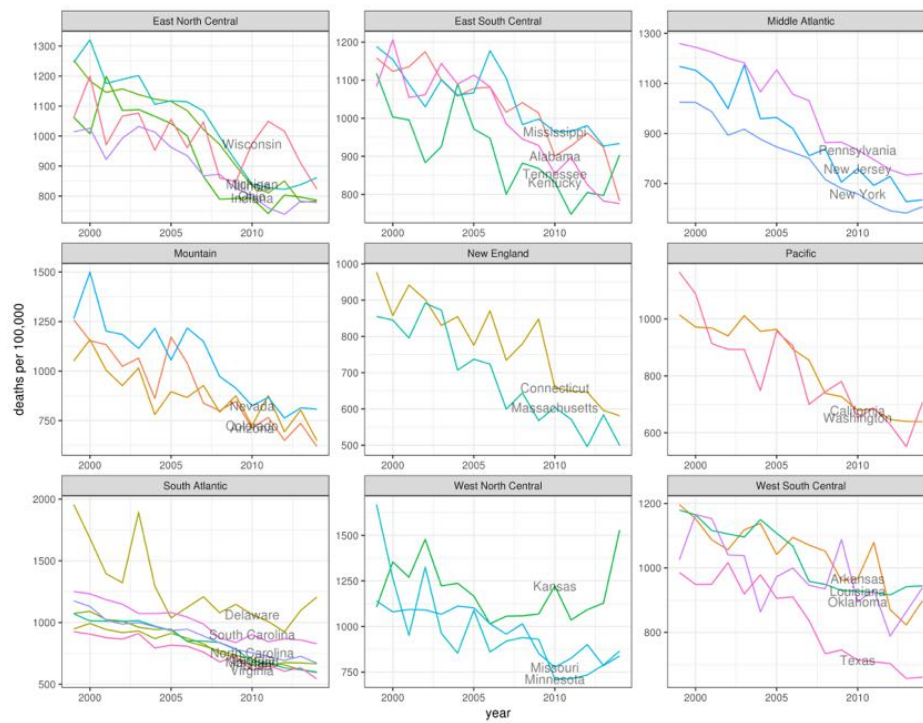
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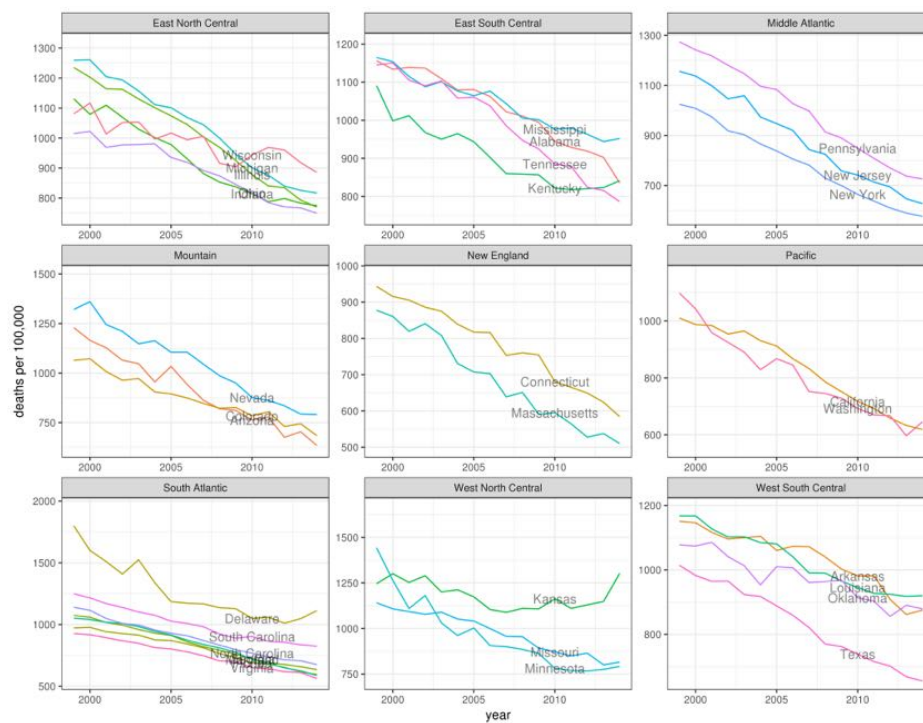
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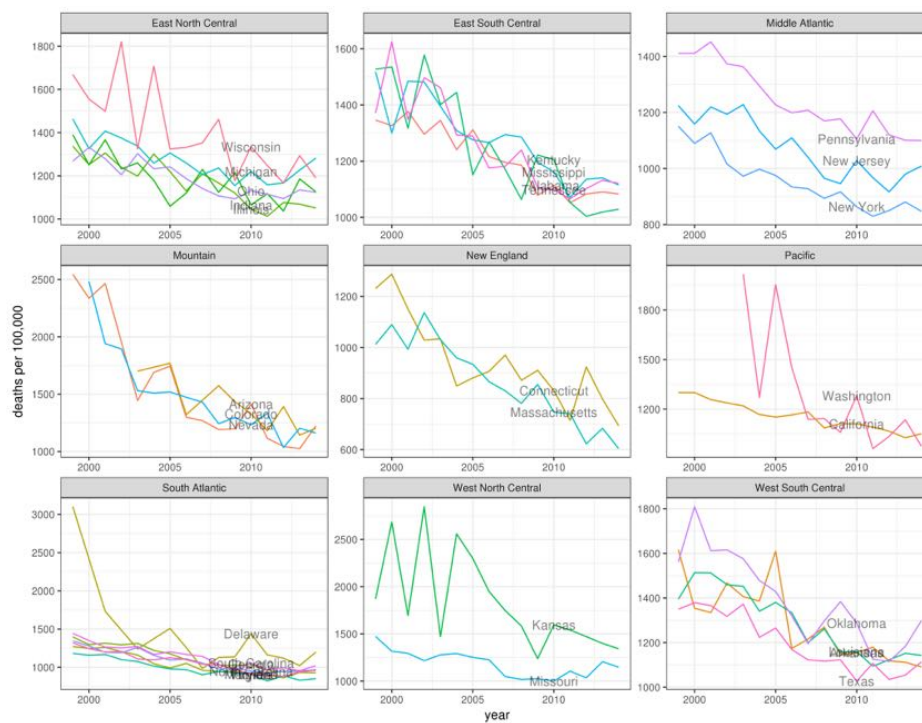
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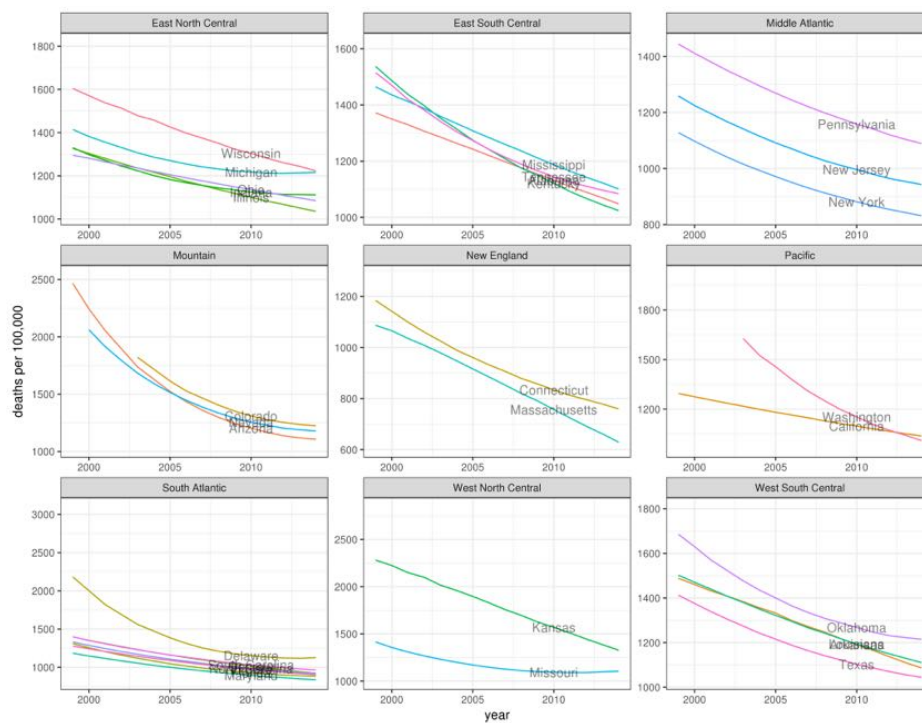
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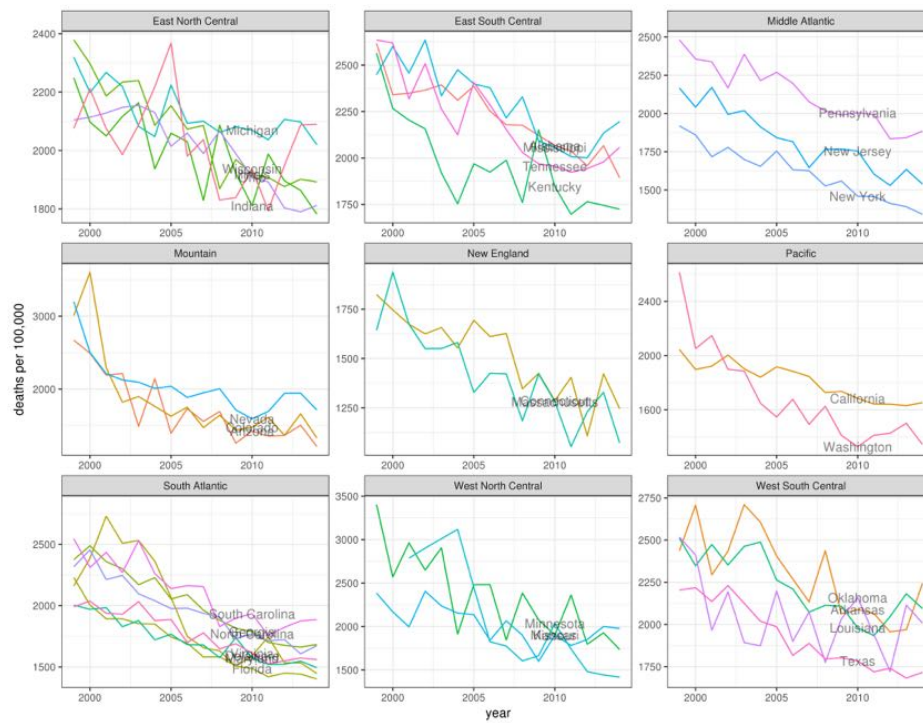
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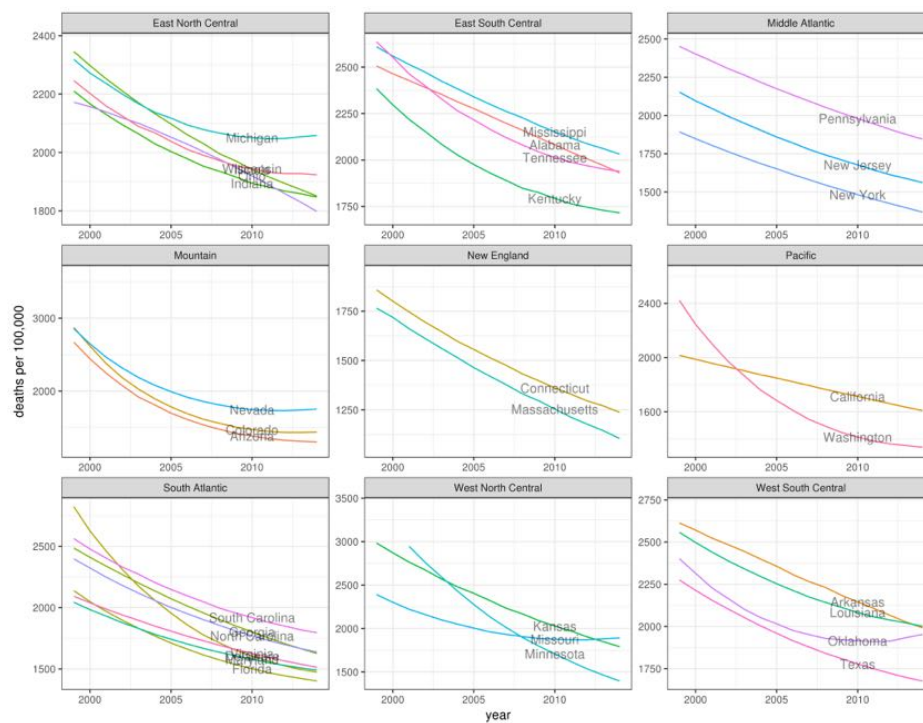
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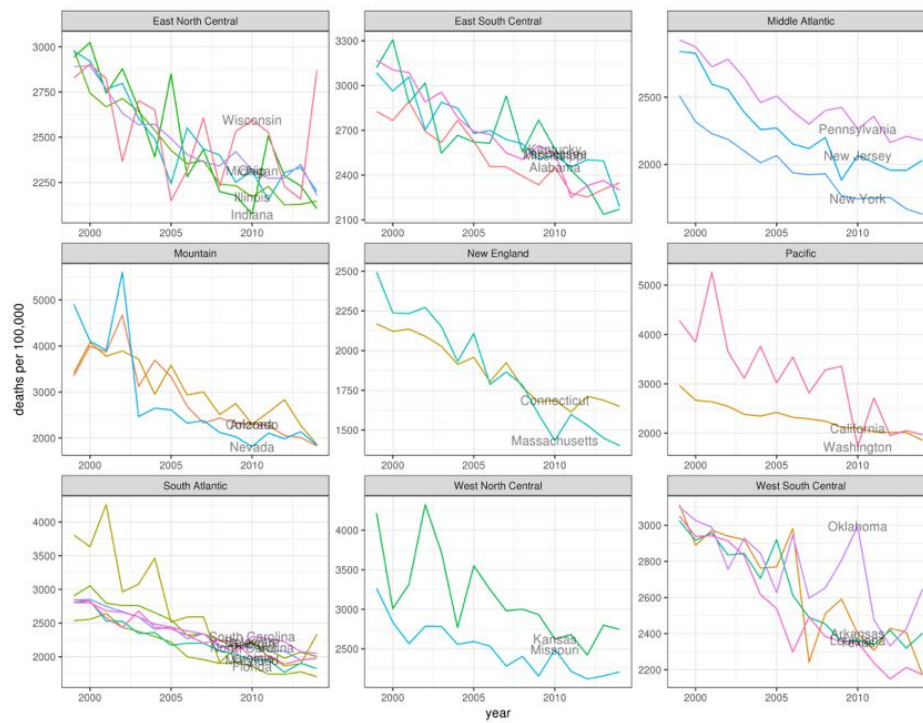
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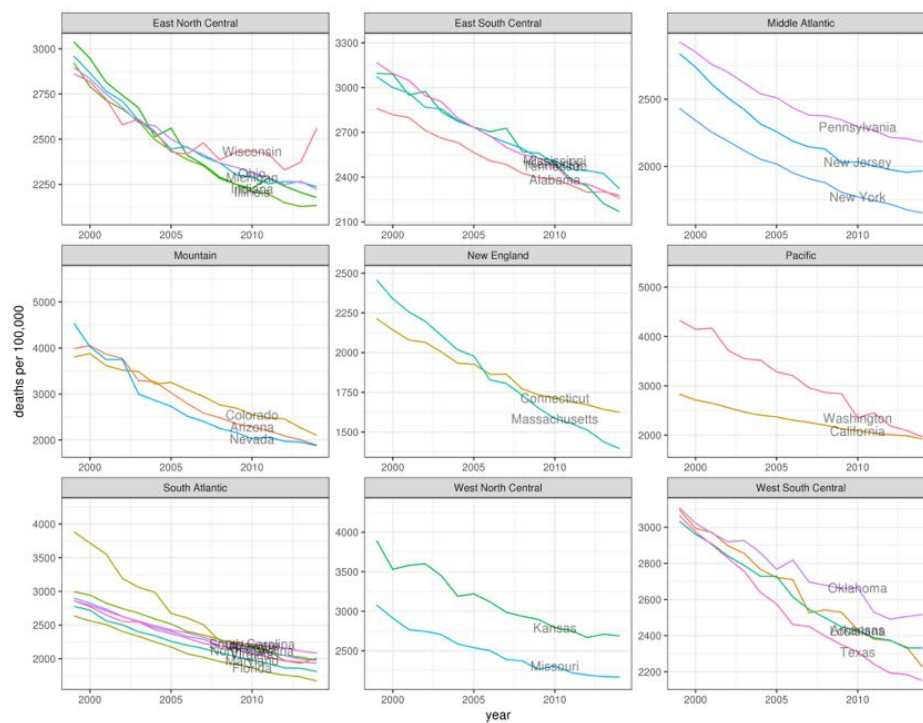
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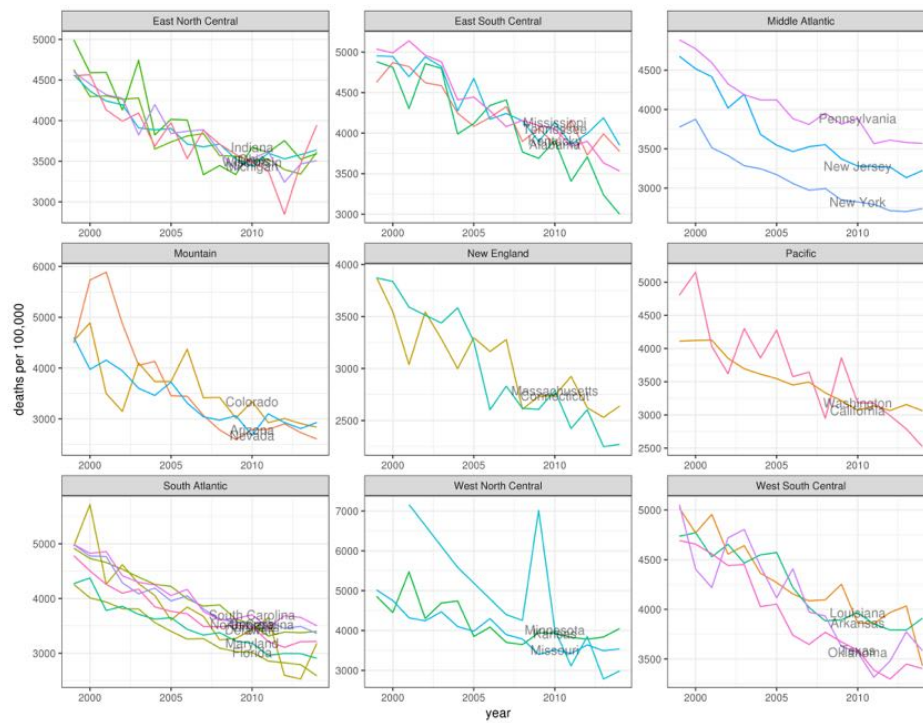
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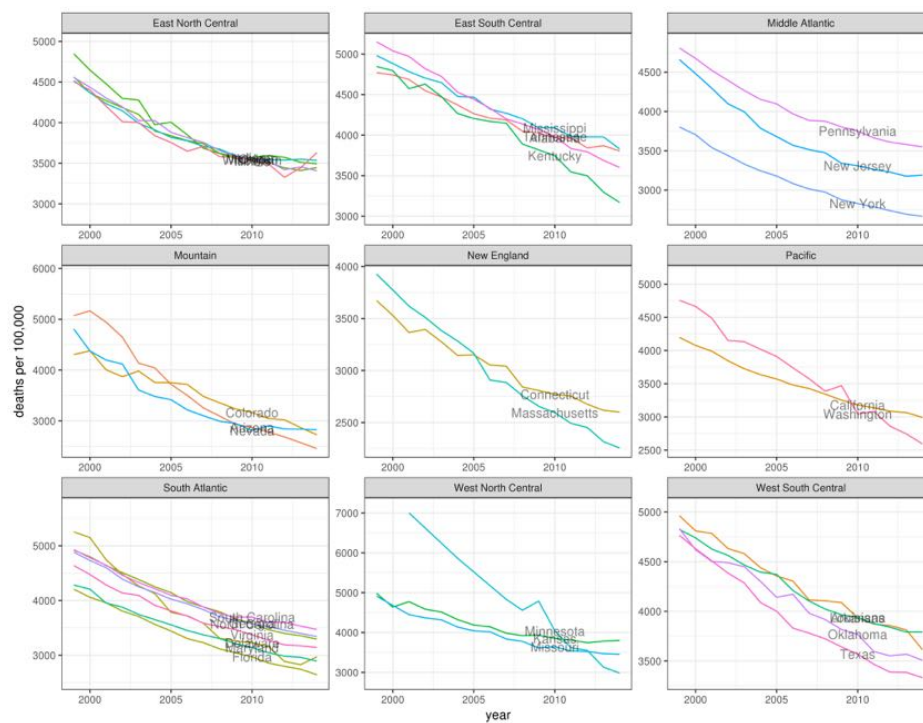
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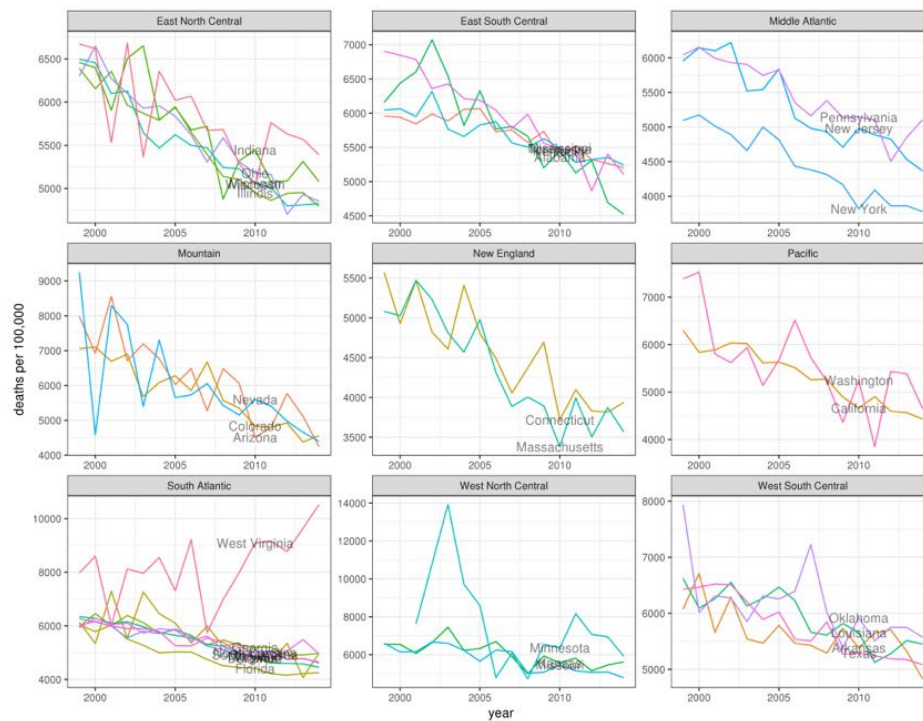
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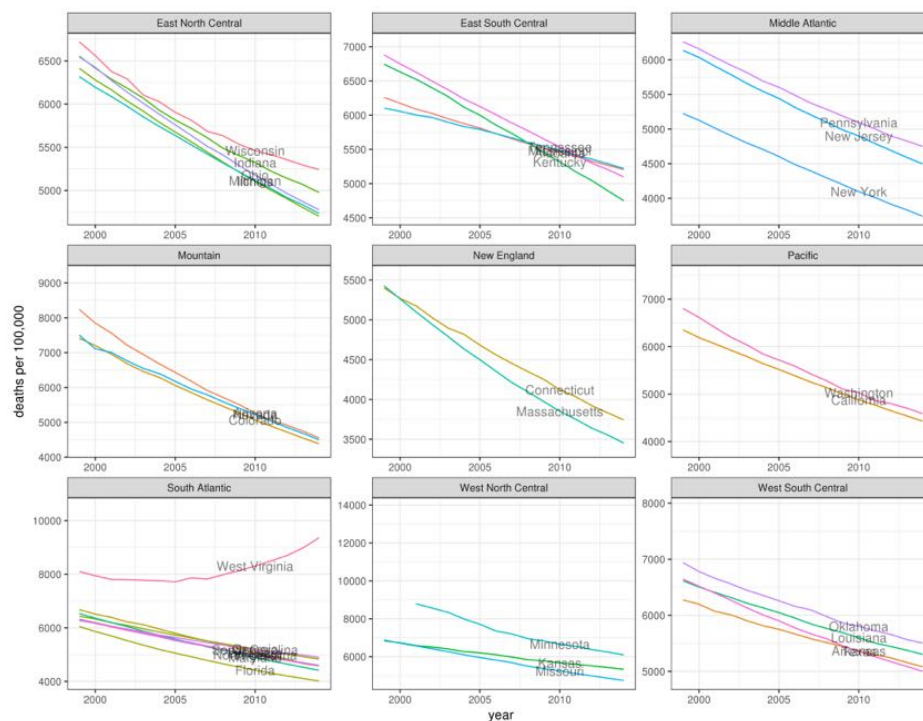
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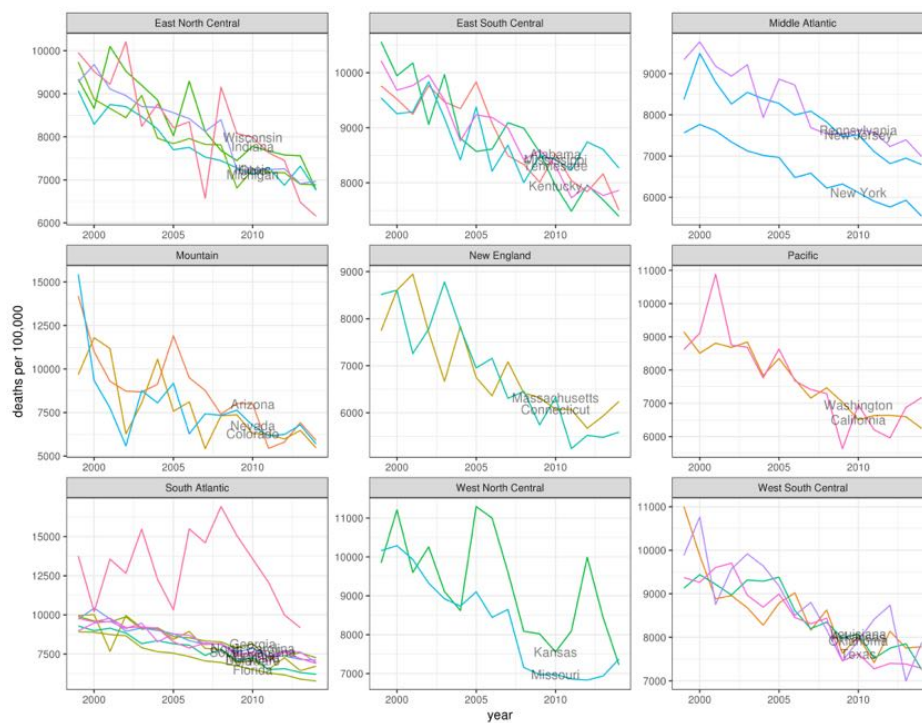
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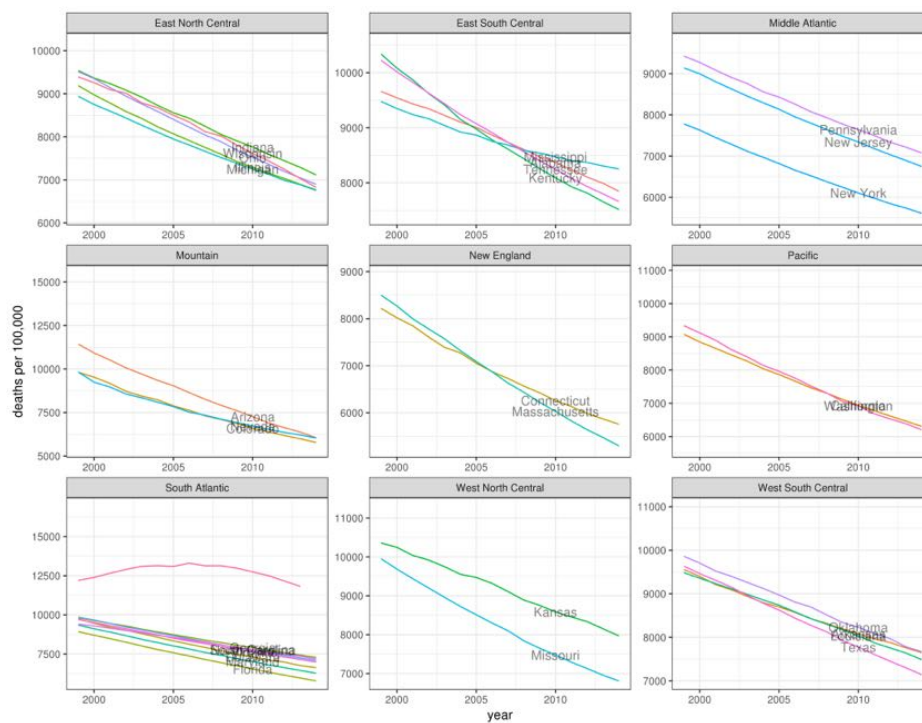
Black Female Age 75-84 Smoothed



Black Male Age 75-84 Raw

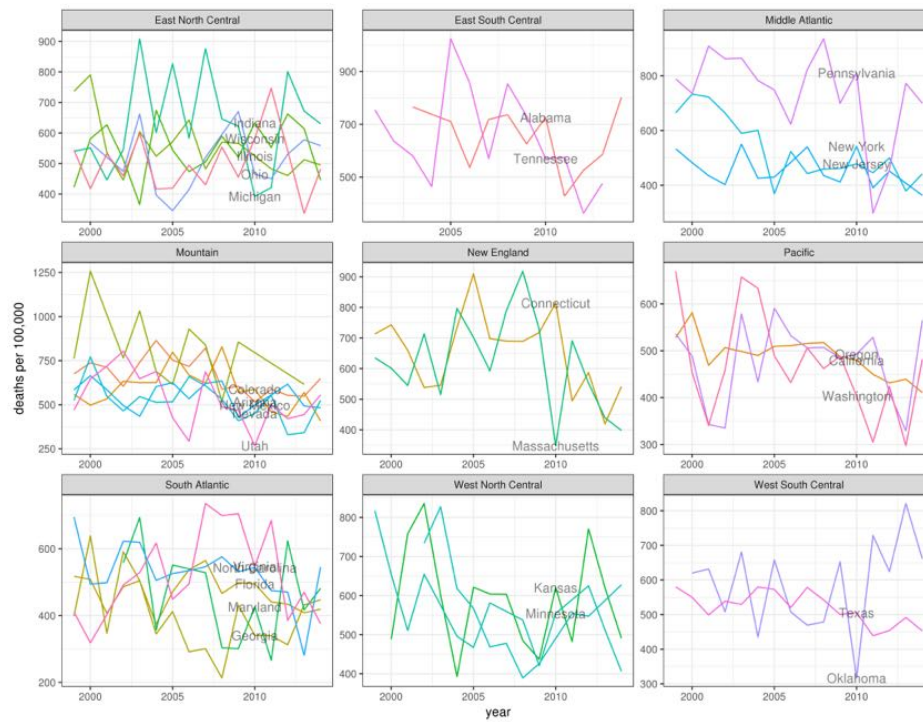


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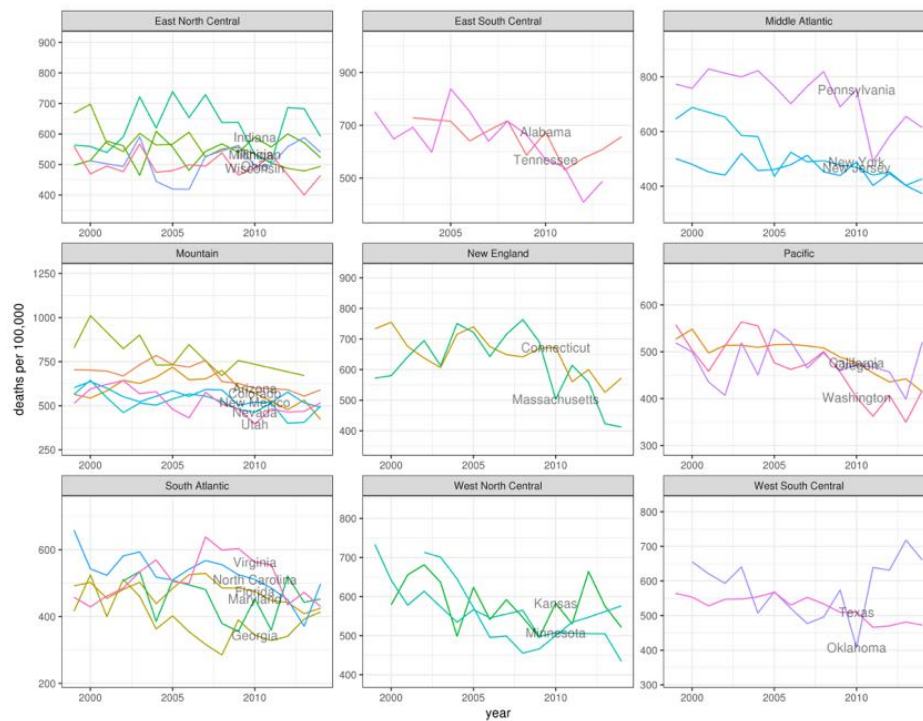


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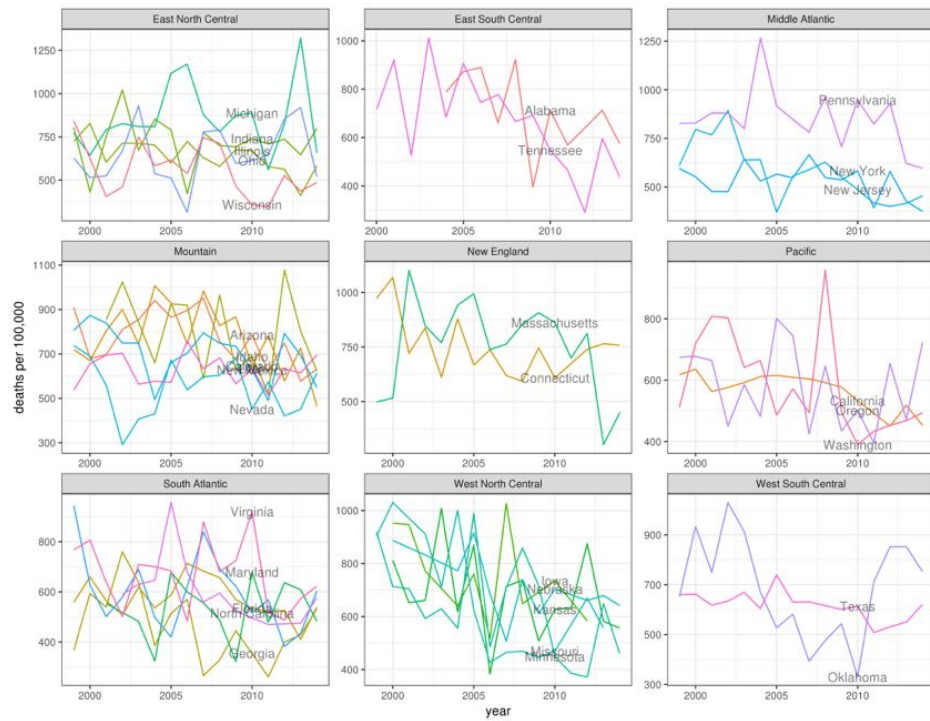
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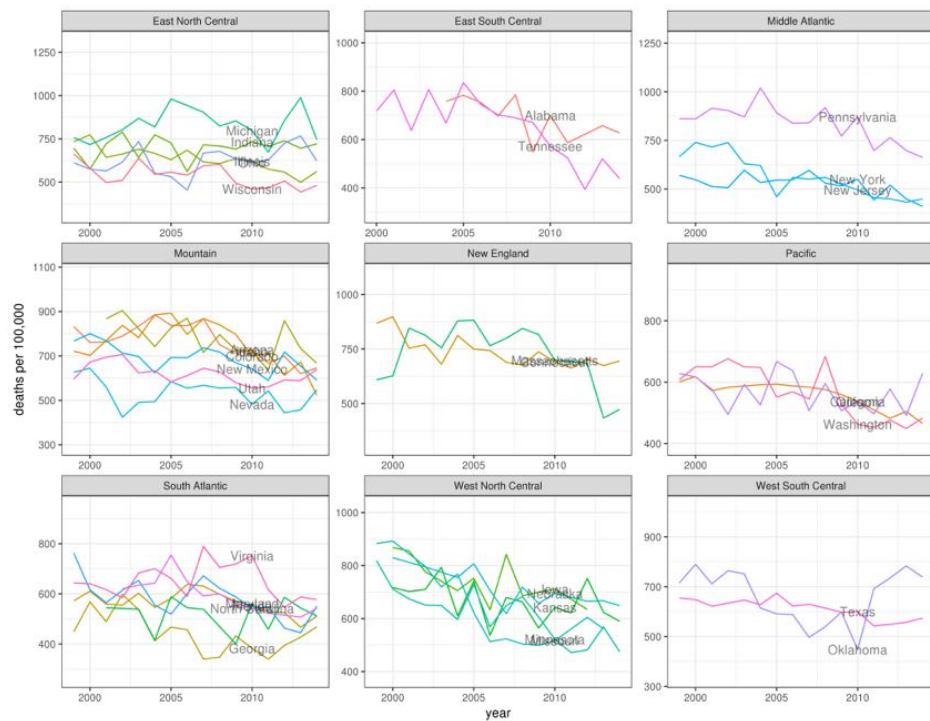
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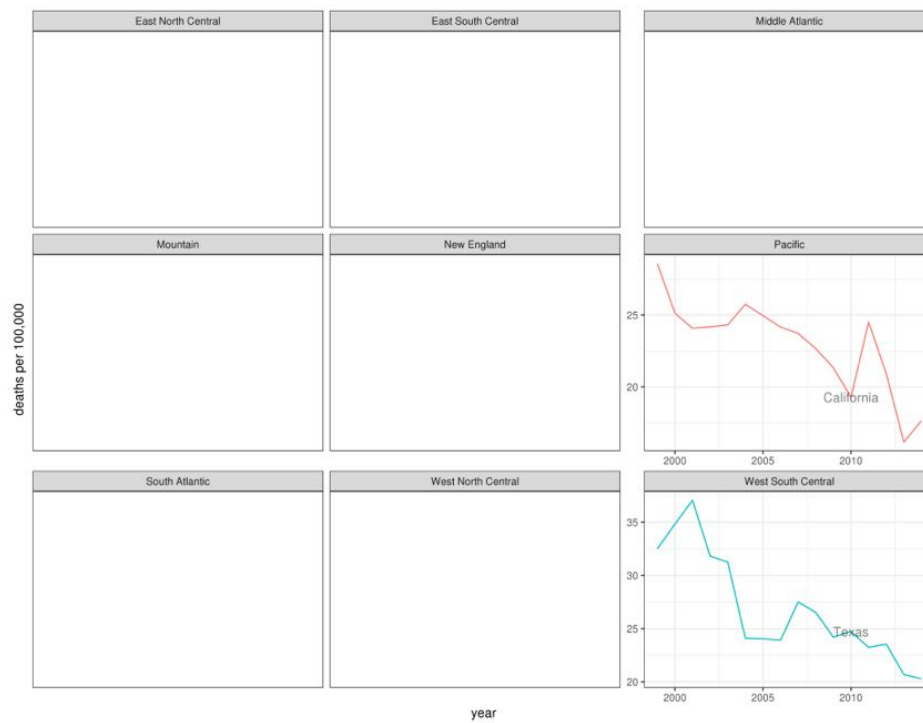
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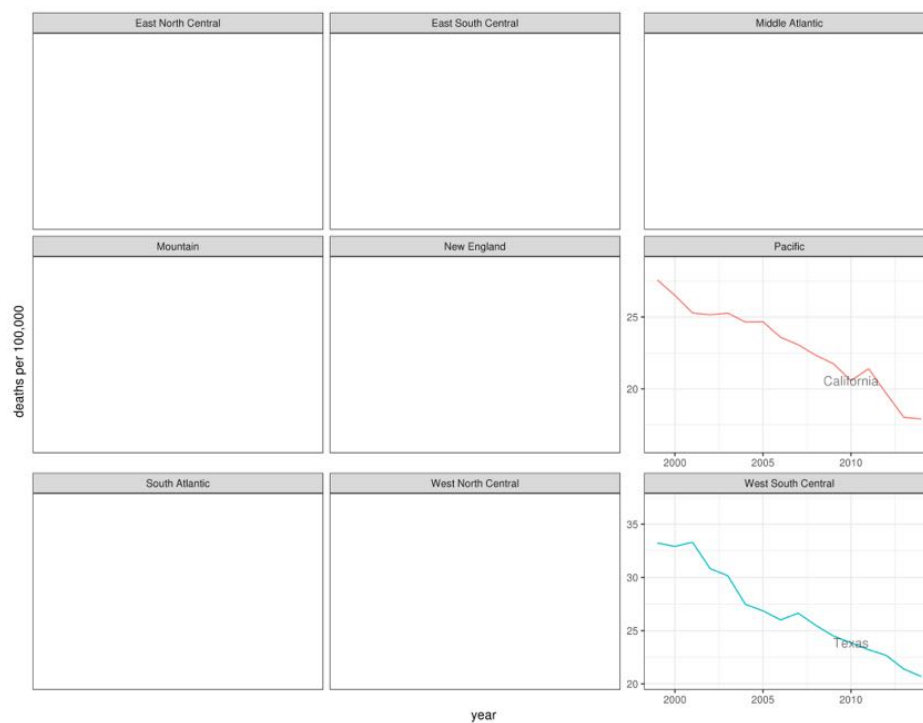
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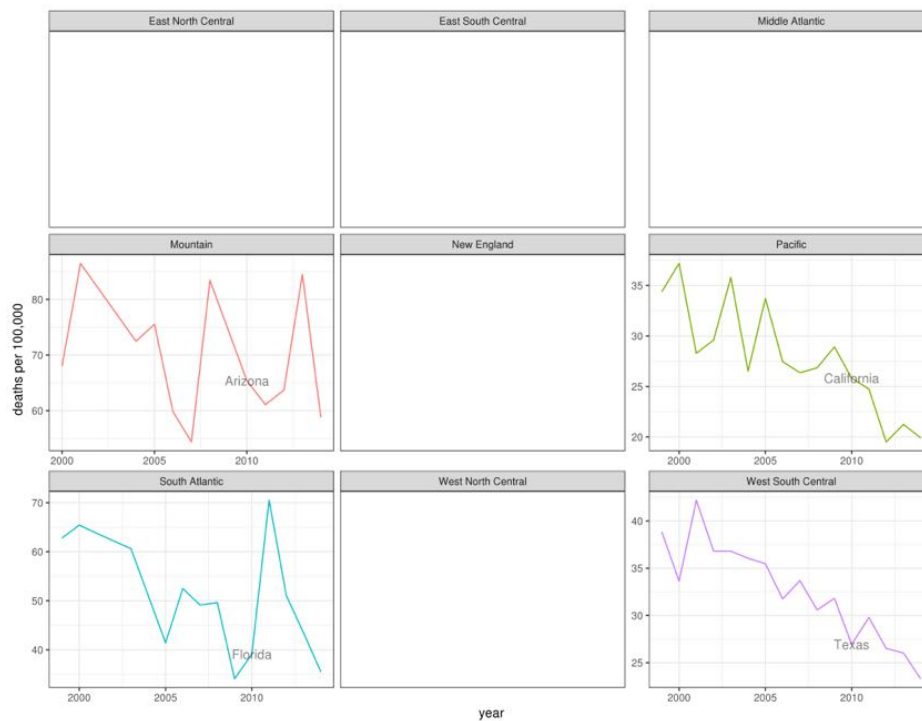
Hispanic Female Age 1-4 Raw



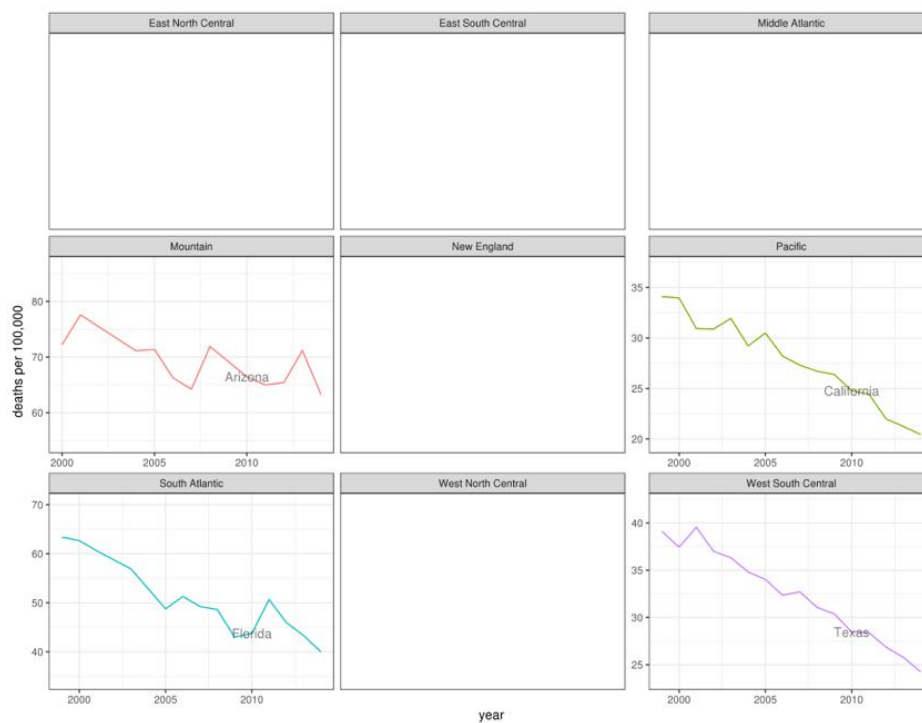
Hispanic Female Age 1-4 Smoothed



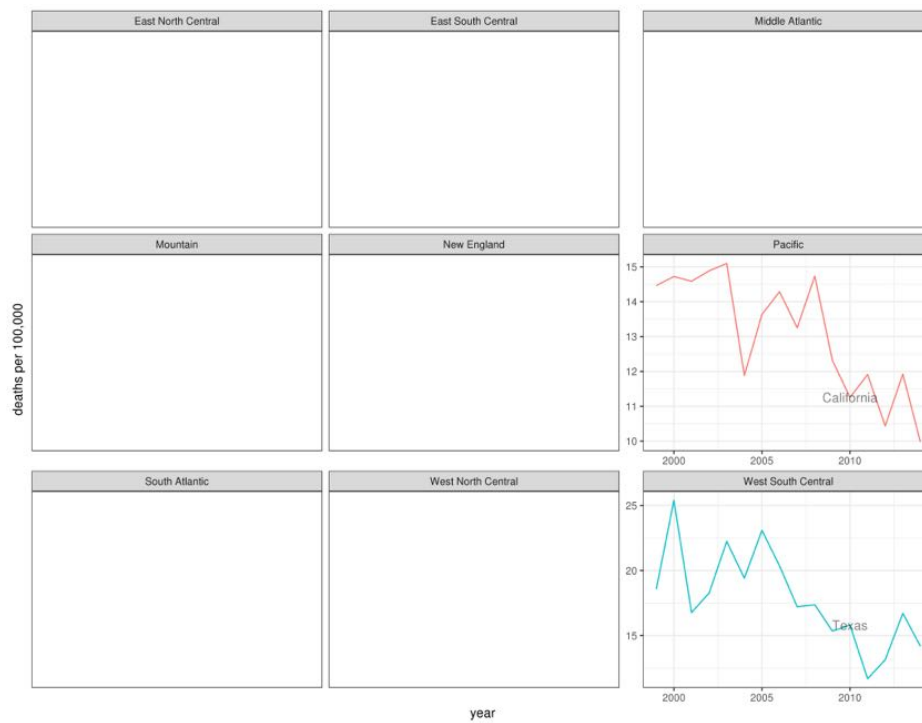
Hispanic Male Age 1-4 Raw



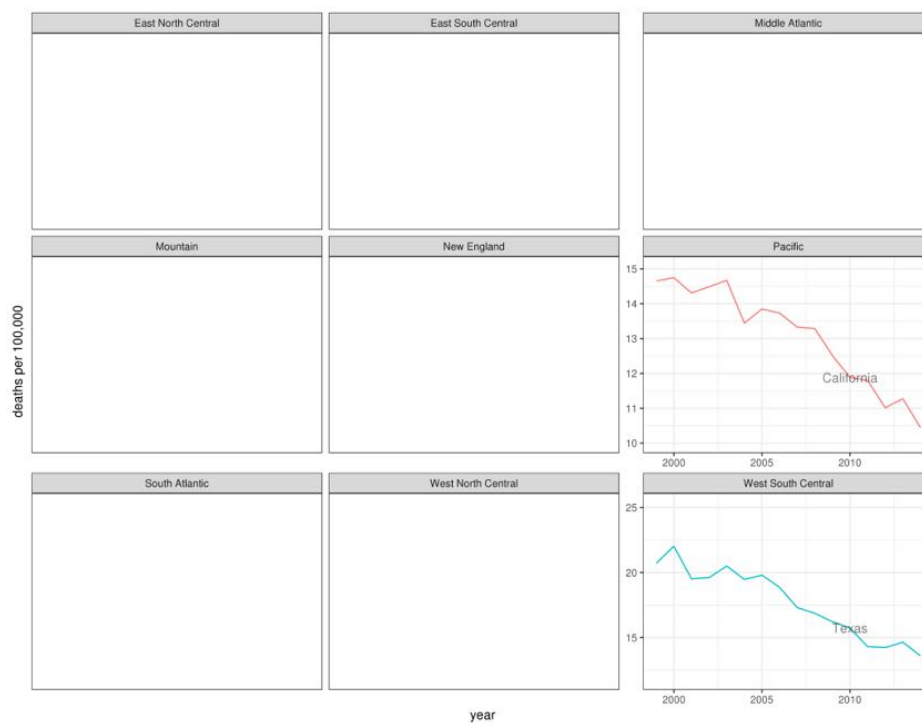
Hispanic Male Age 1-4 Smoothed



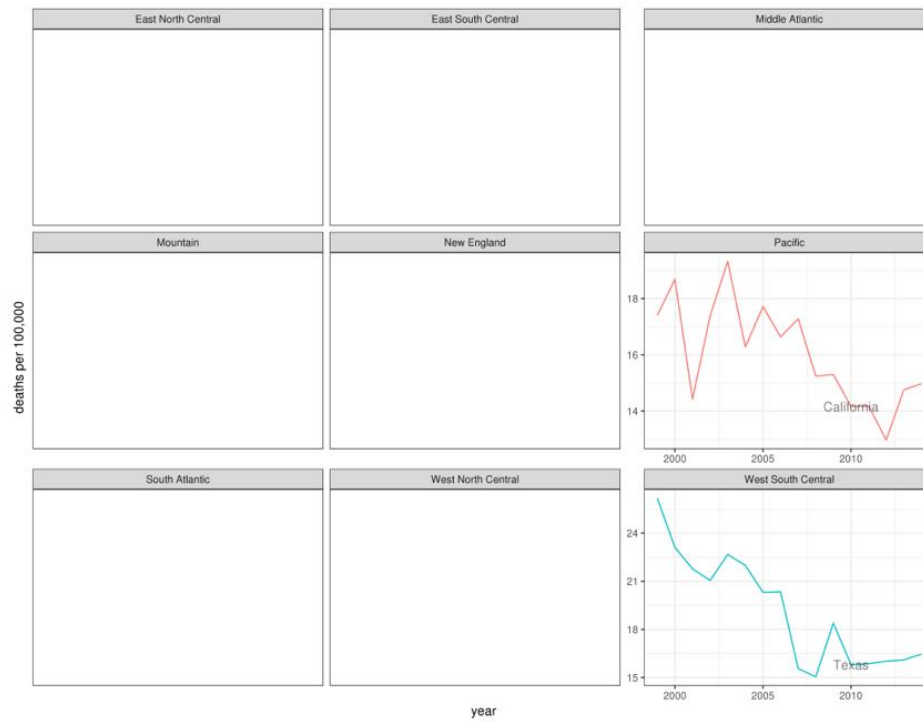
Hispanic Female Age 5-14 Raw



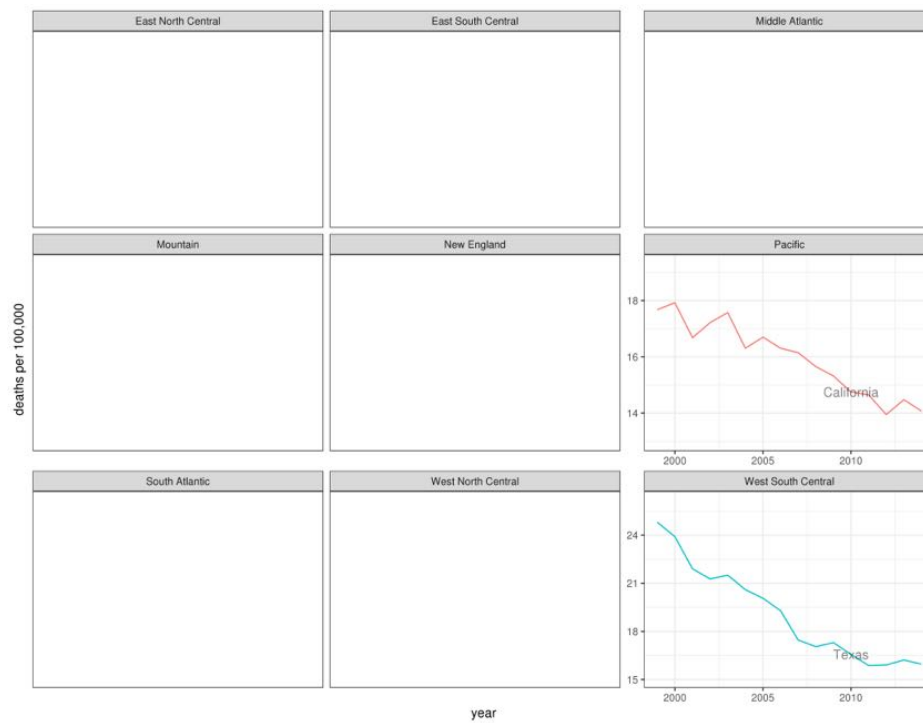
Hispanic Female Age 5-14 Smoothed



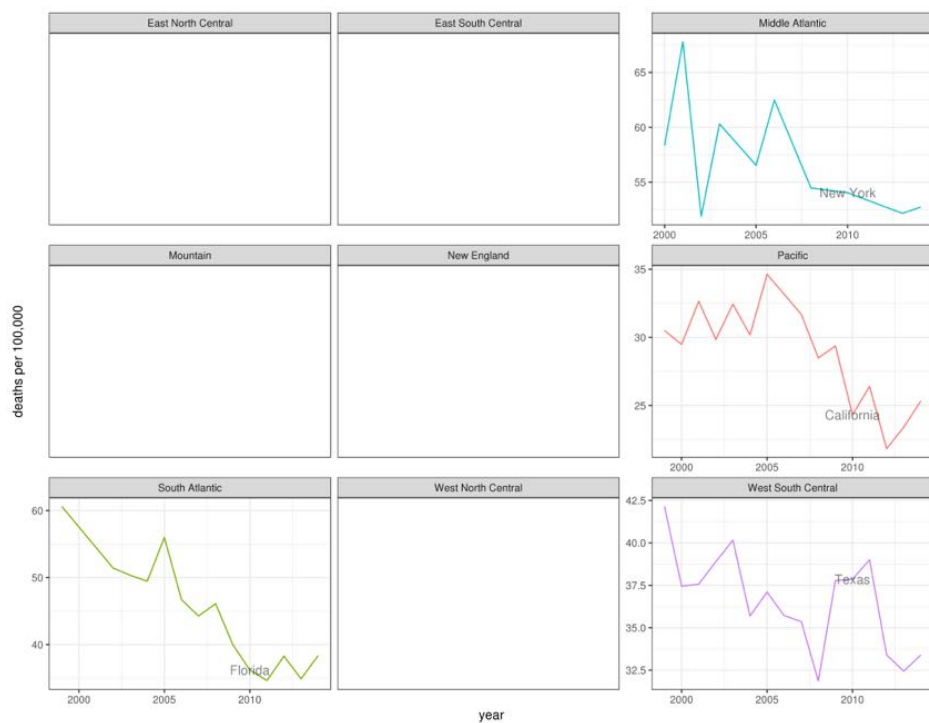
Hispanic Male Age 5-14 Raw



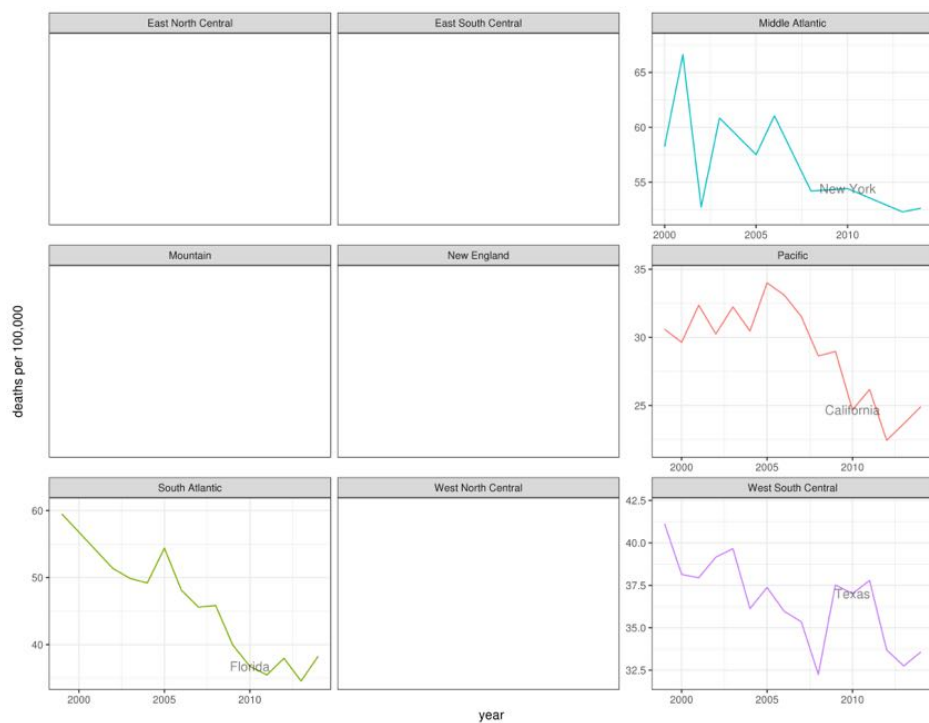
Hispanic Male Age 5-14 Smoothed



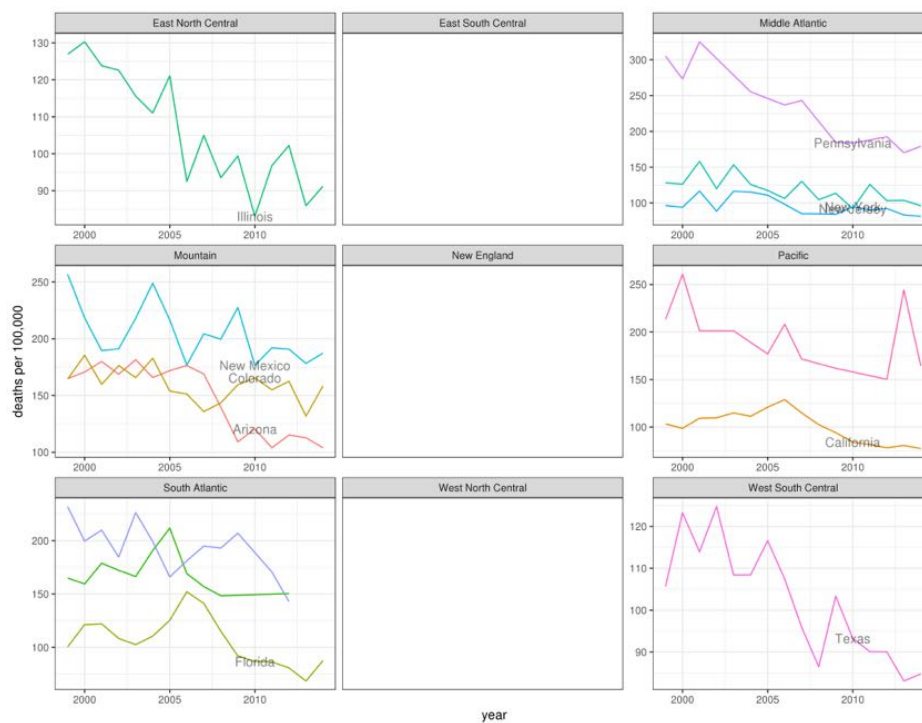
Hispanic Female Age 15-24 Raw



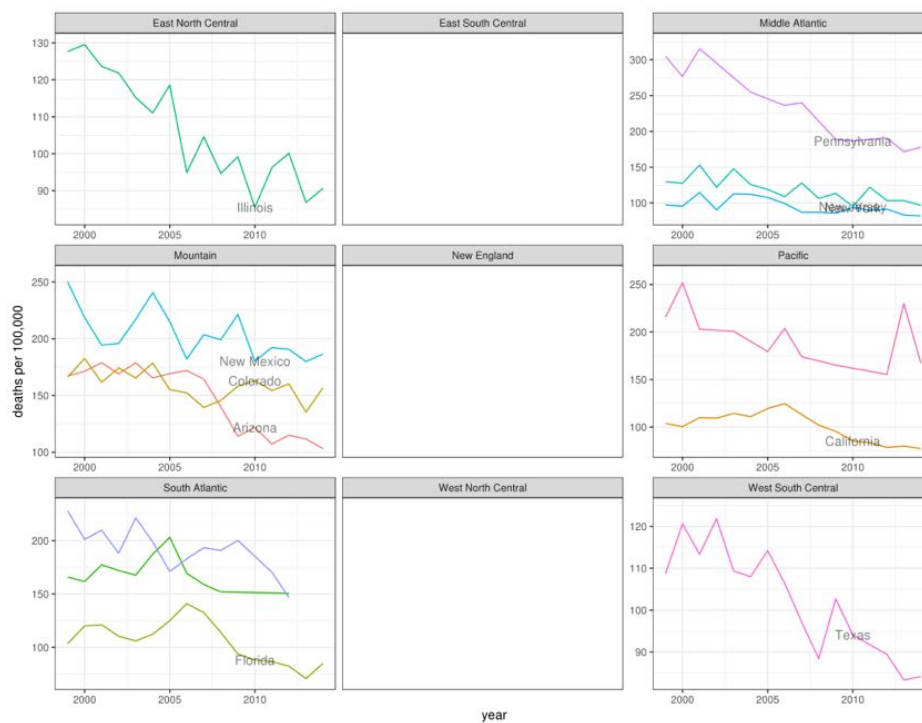
Hispanic Female Age 15-24 Smoothed



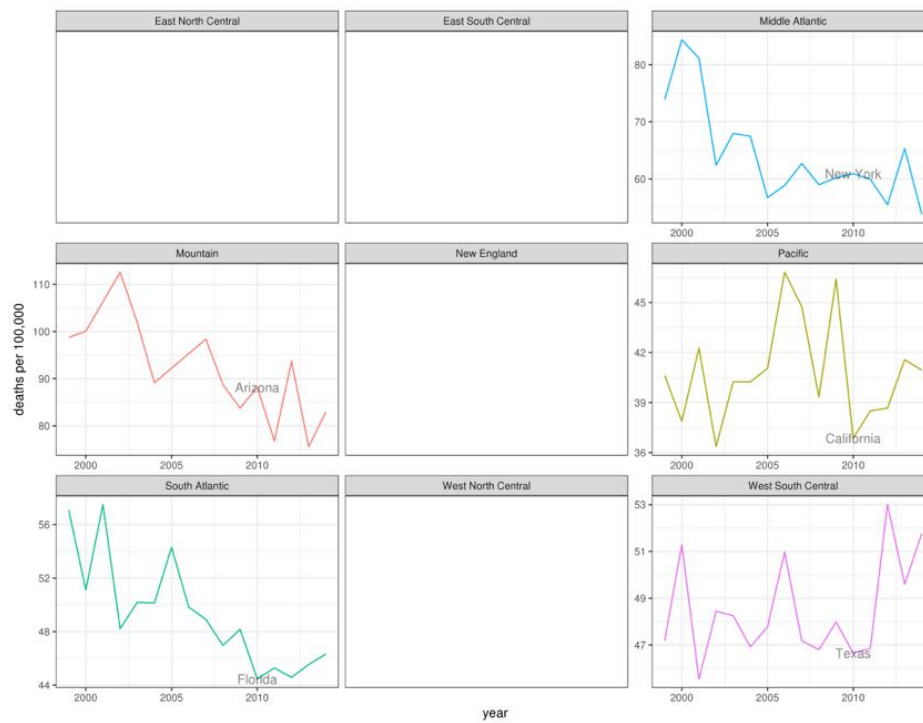
Hispanic Male Age 15-24 Raw



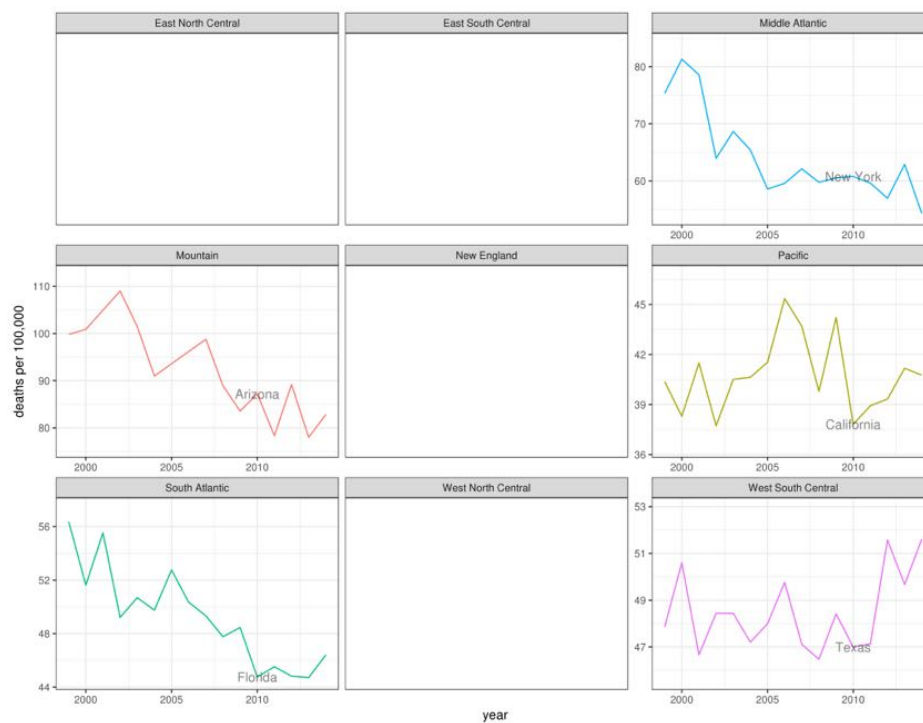
Hispanic Male Age 15-24 Smoothed



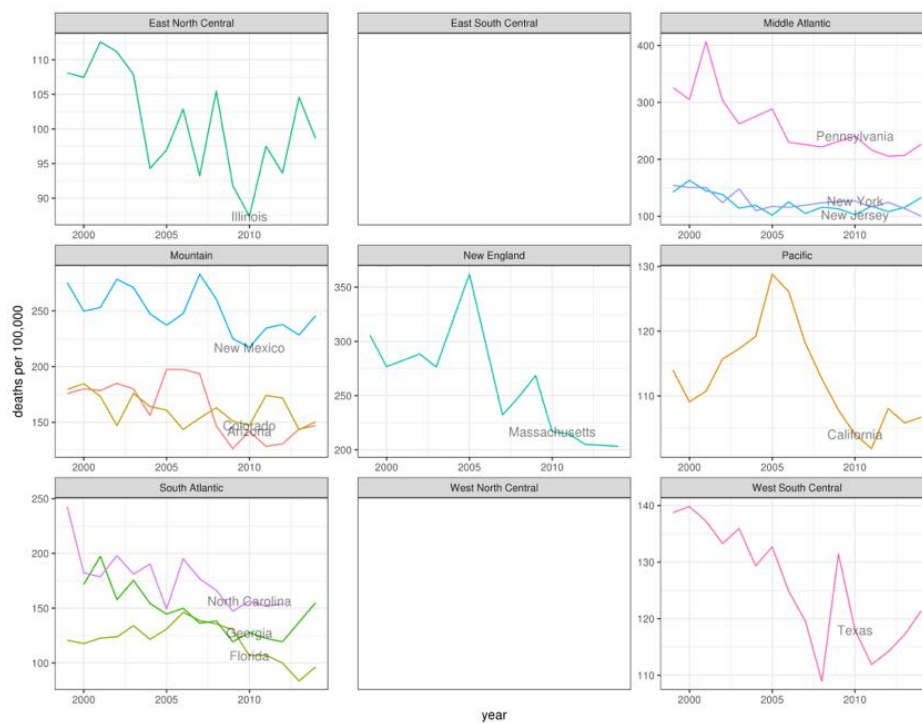
Hispanic Female Age 25-34 Raw



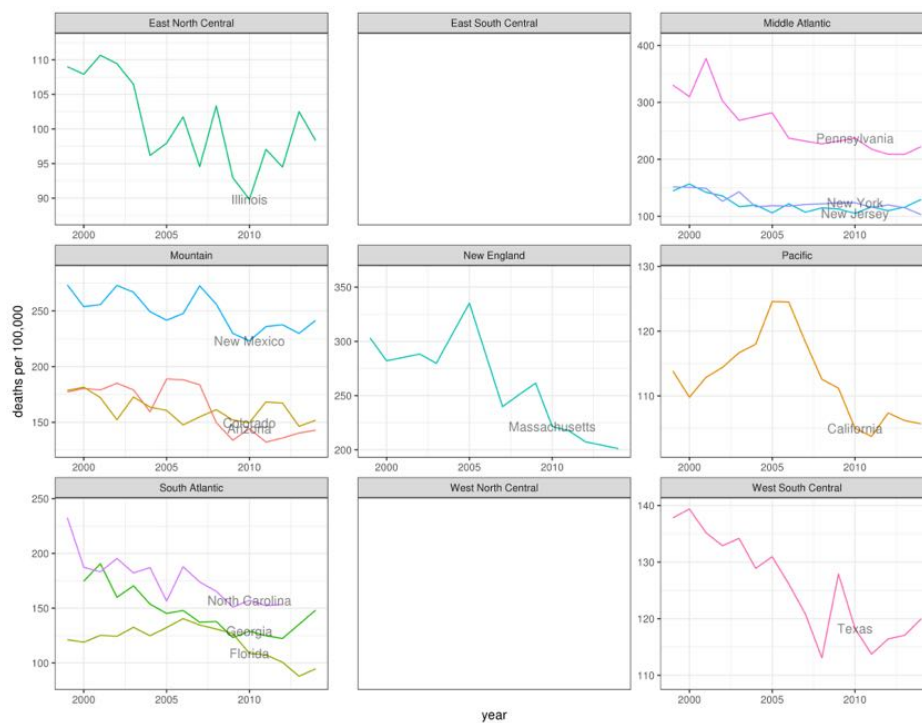
Hispanic Female Age 25-34 Smoothed



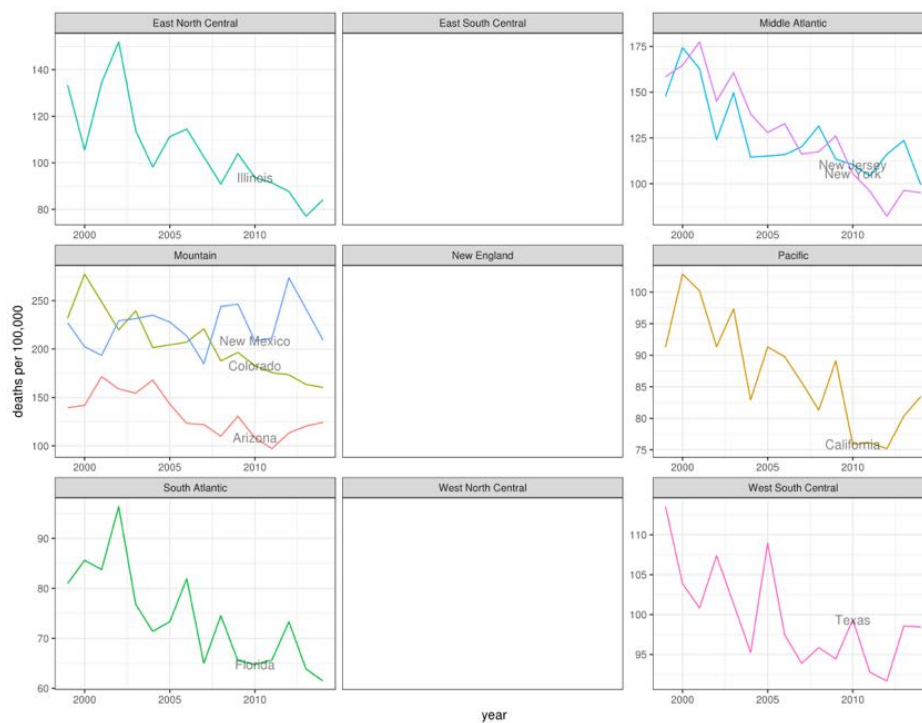
Hispanic Male Age 25-34 Raw



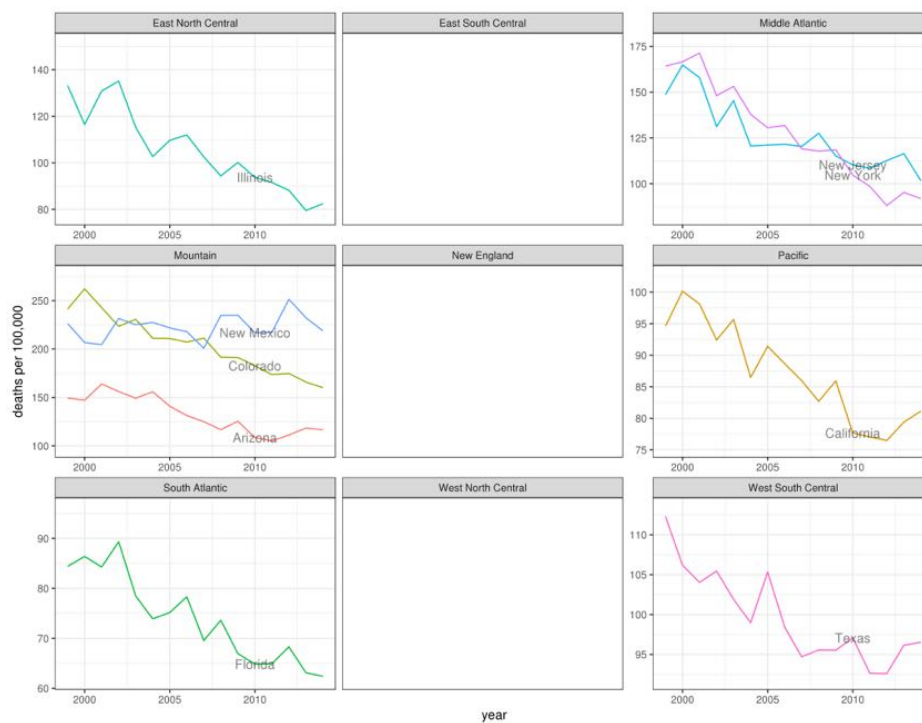
Hispanic Male Age 25-34 Smoothed



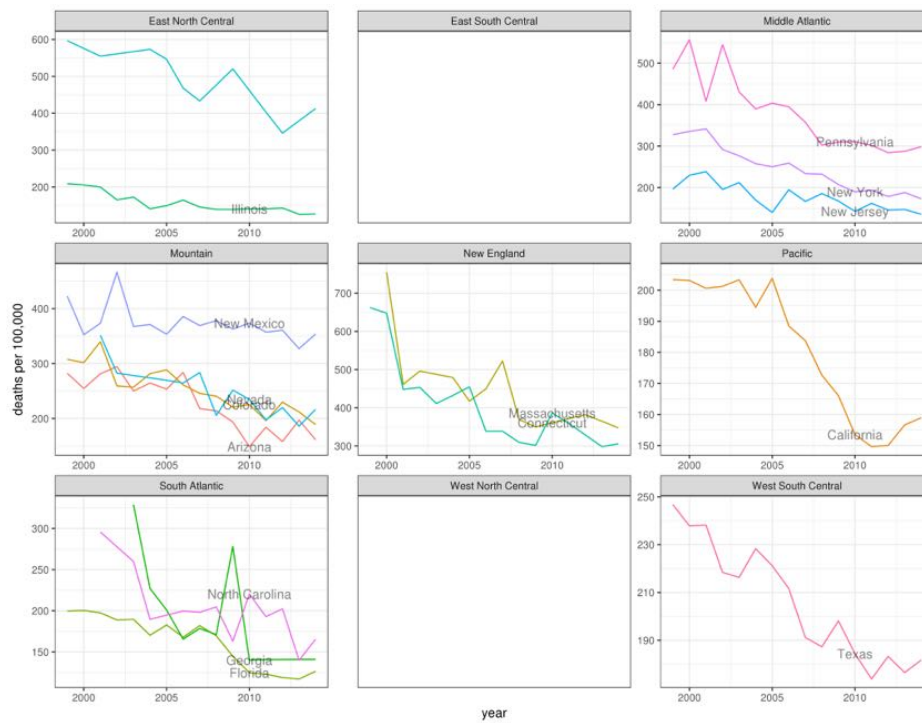
Hispanic Female Age 35-44 Raw



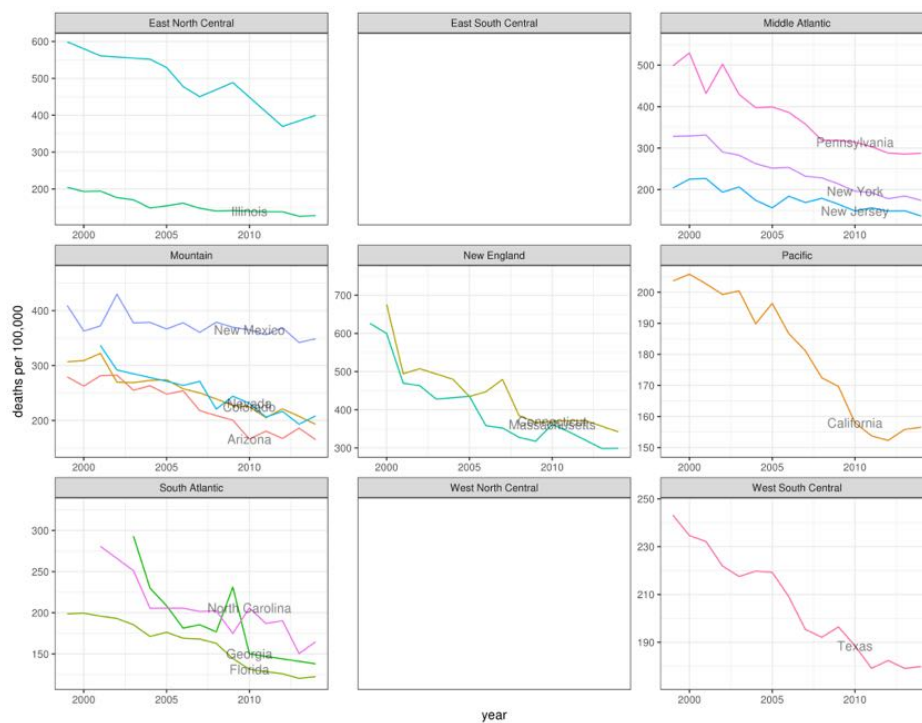
Hispanic Female Age 35-44 Smoothed



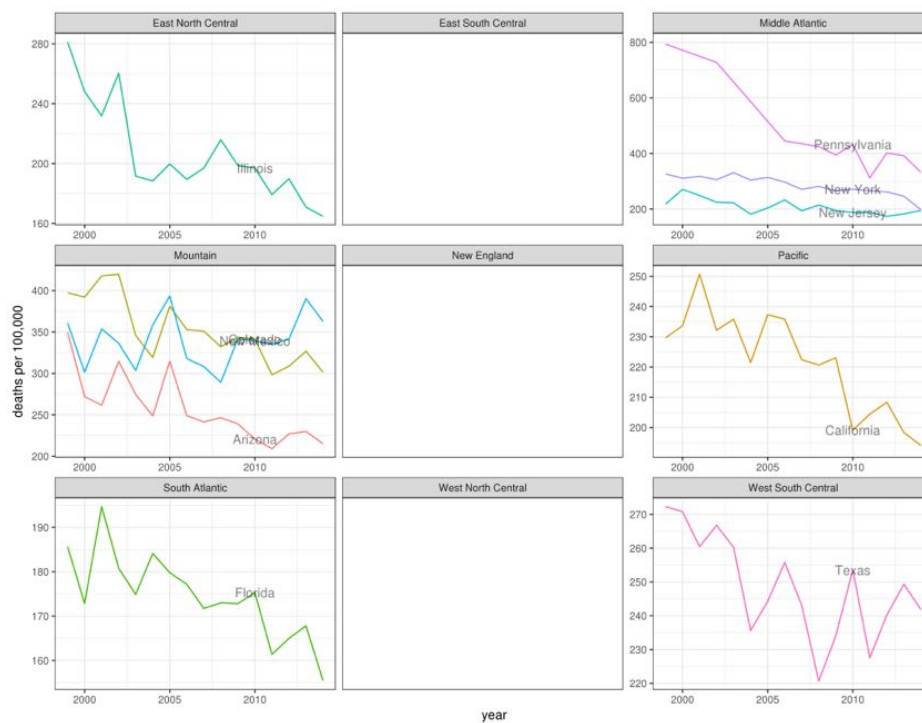
Hispanic Male Age 35-44 Raw



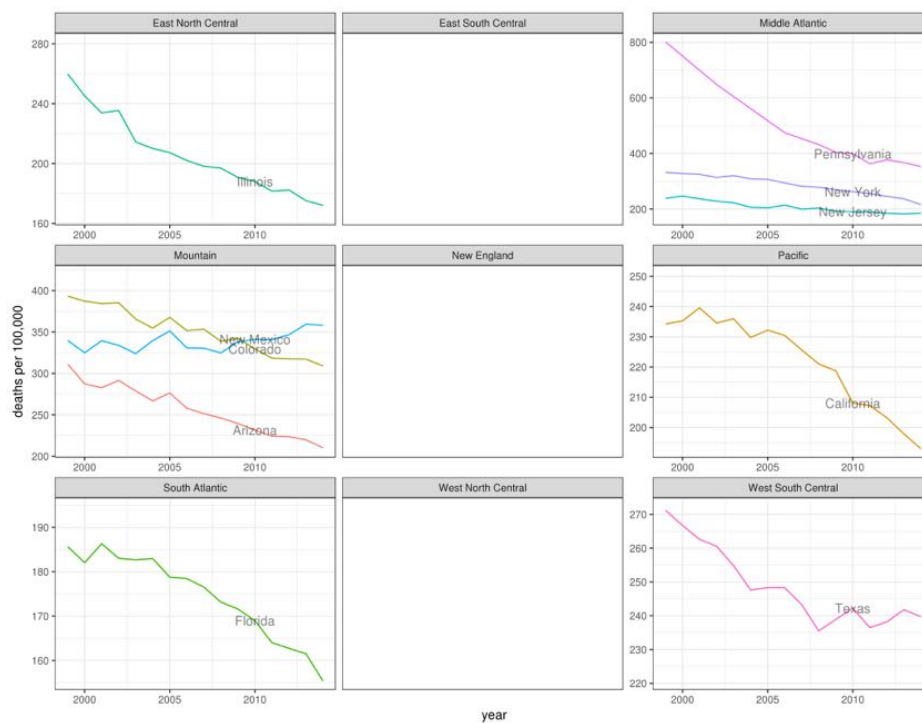
Hispanic Male Age 35-44 Smoothed



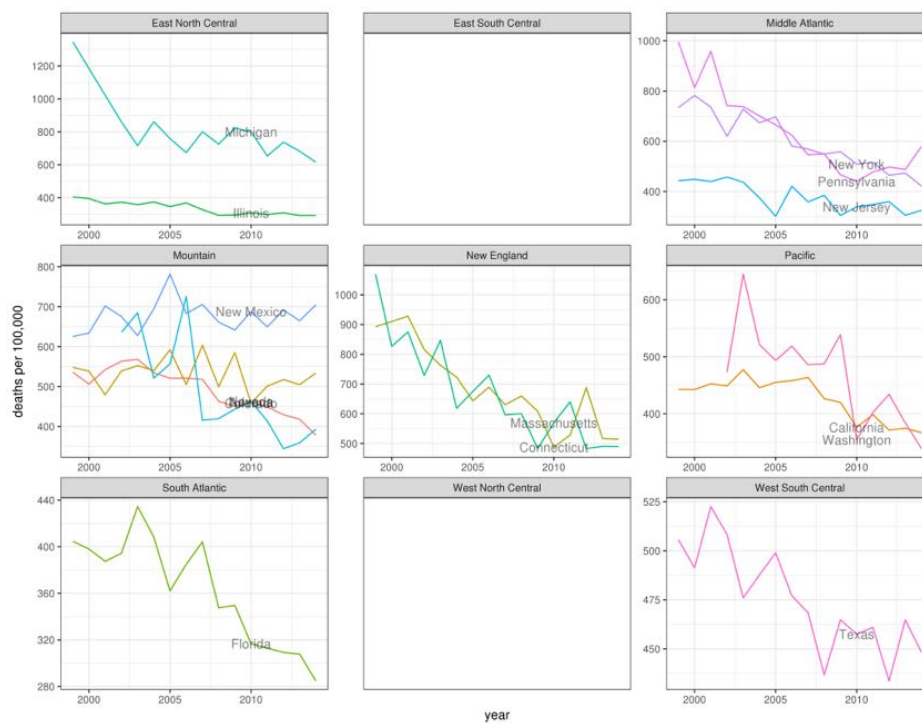
Hispanic Female Age 45-54 Raw



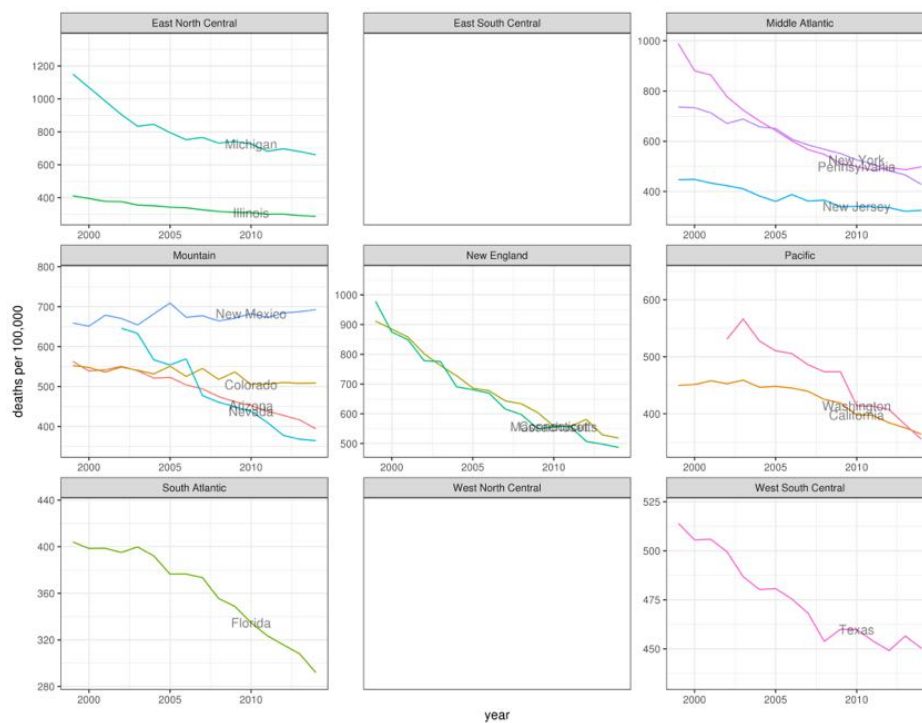
Hispanic Female Age 45-54 Smoothed



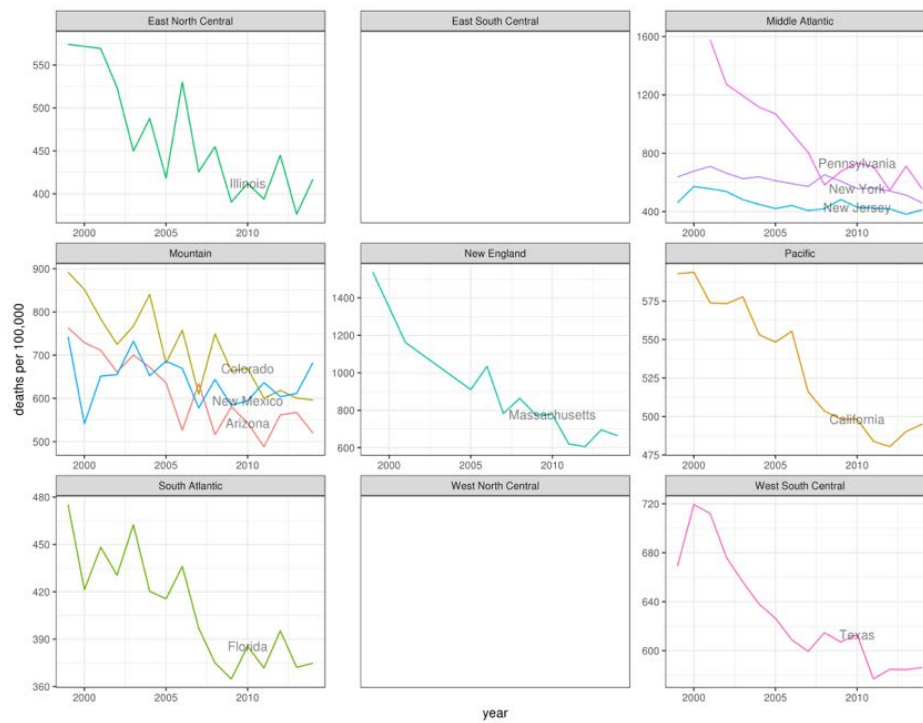
Hispanic Male Age 45-54 Raw



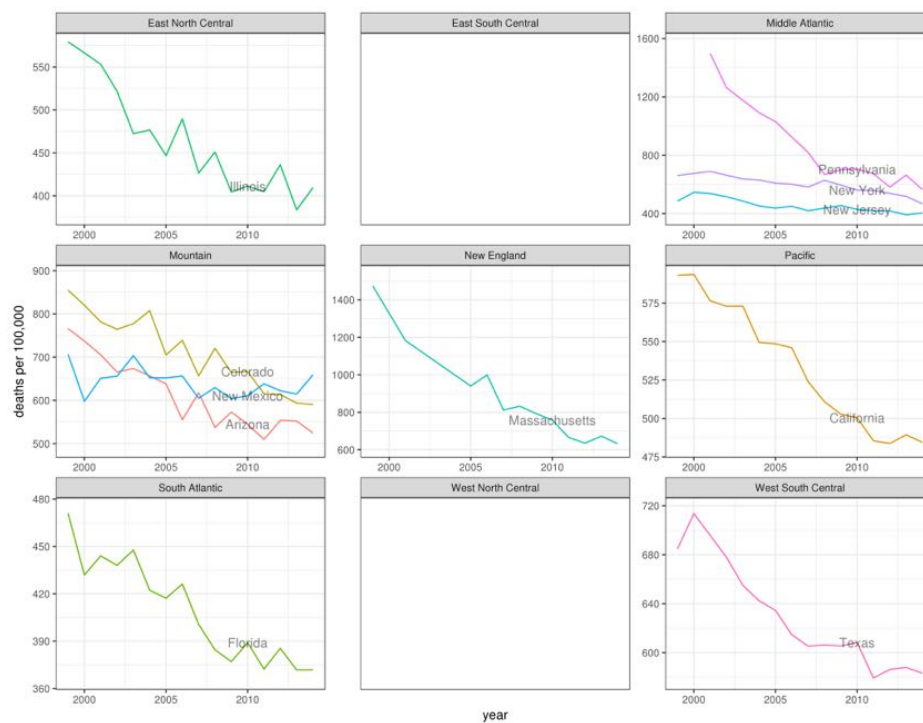
Hispanic Male Age 45-54 Smoothed



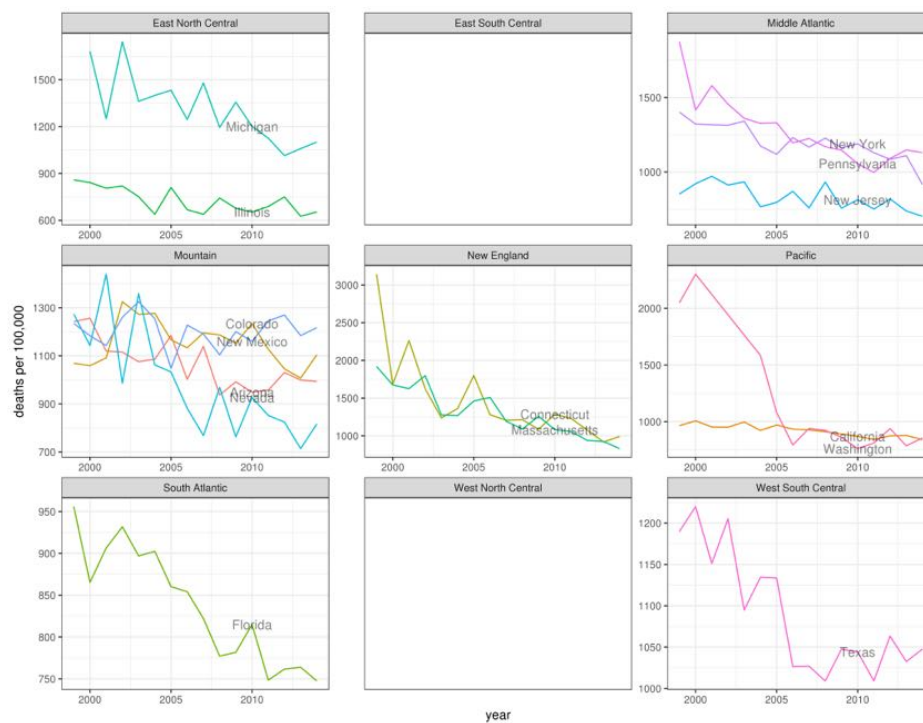
Hispanic Female Age 55-64 Raw



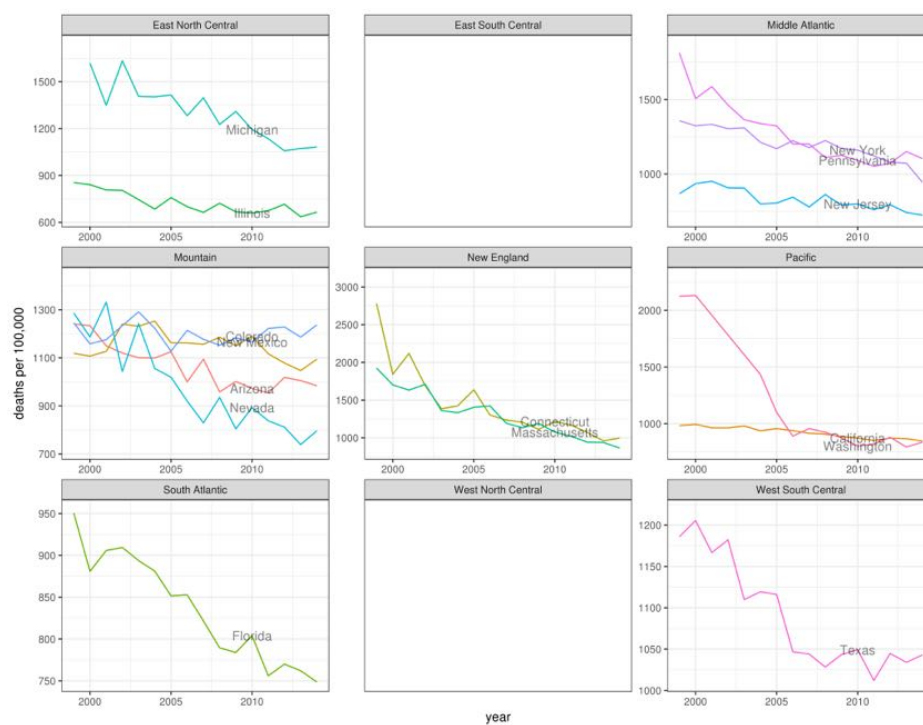
Hispanic Female Age 55-64 Smoothed



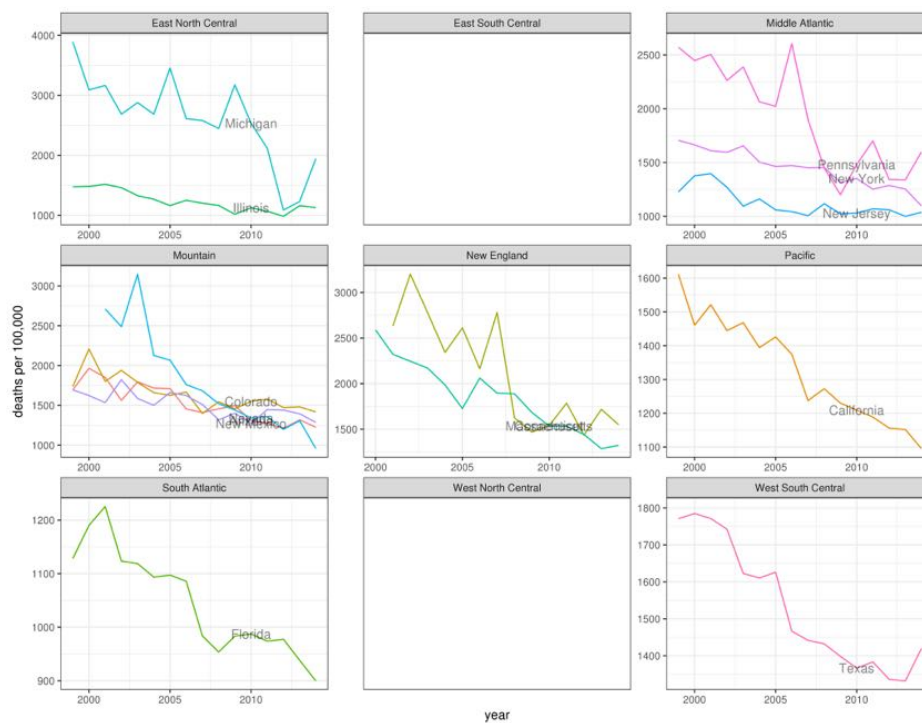
Hispanic Male Age 55-64 Raw



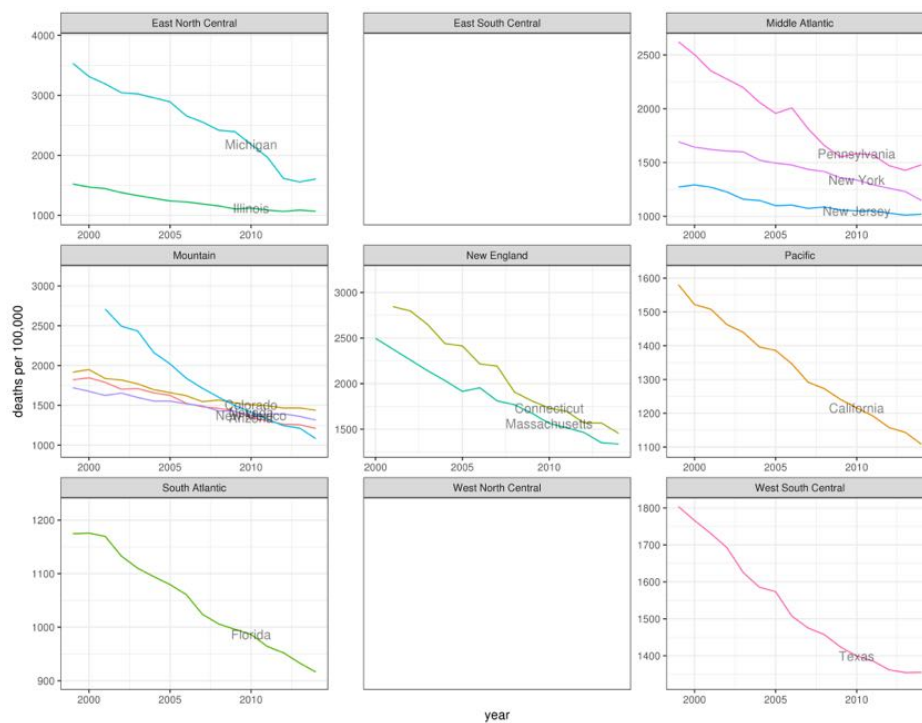
Hispanic Male Age 55-64 Smoothed



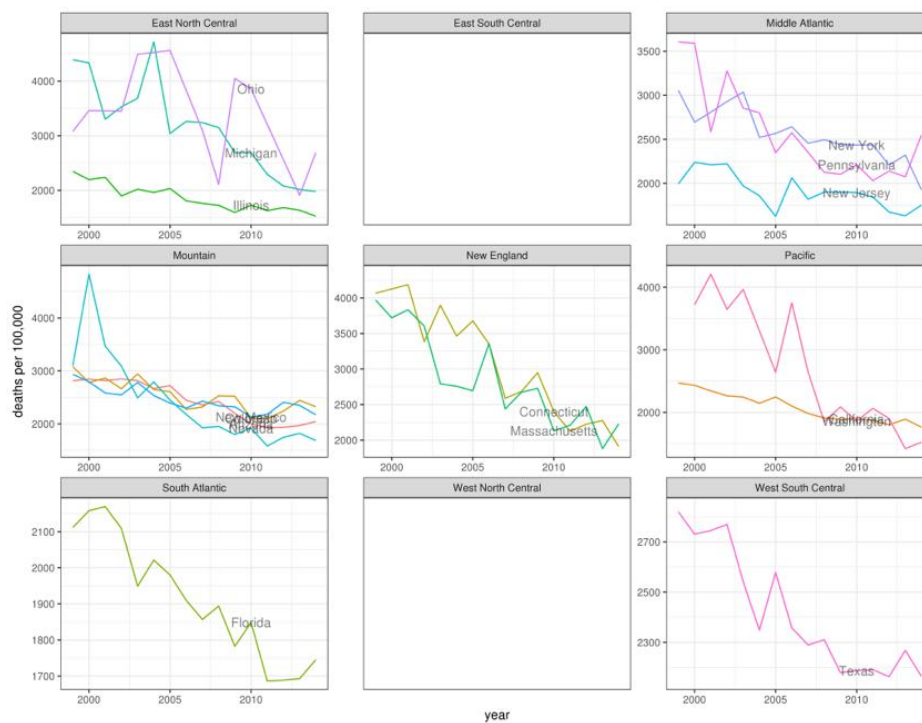
Hispanic Female Age 65-74 Raw



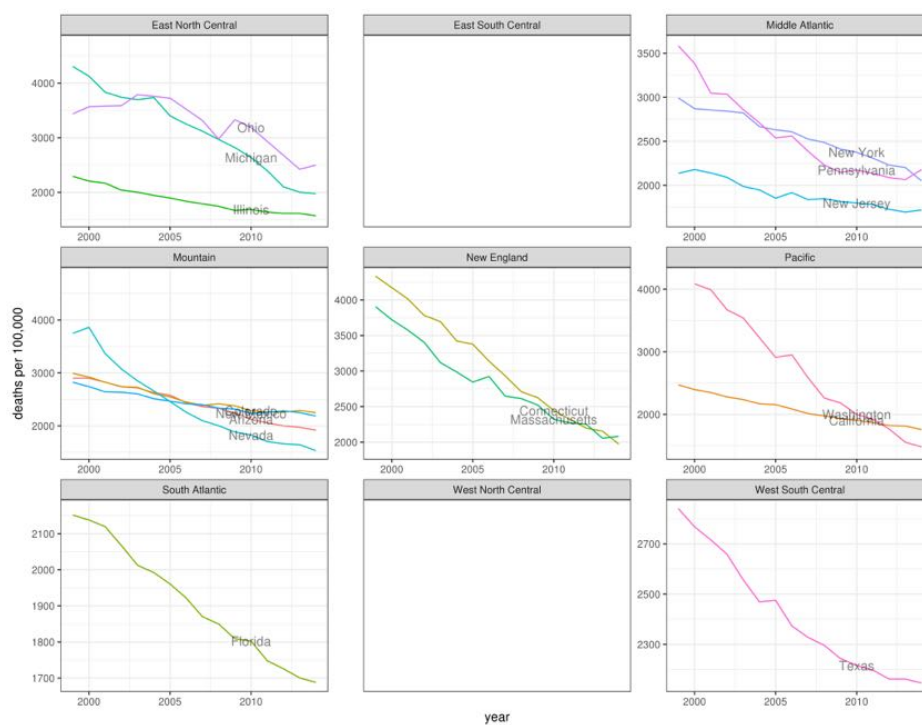
Hispanic Female Age 65-74 Smoothed



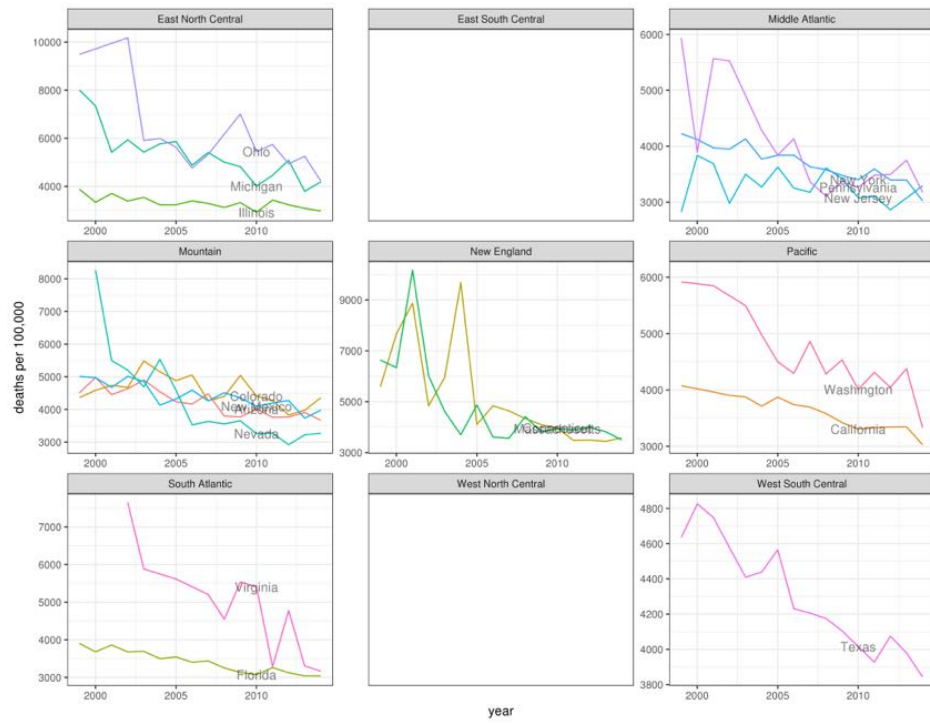
Hispanic Male Age 65-74 Raw



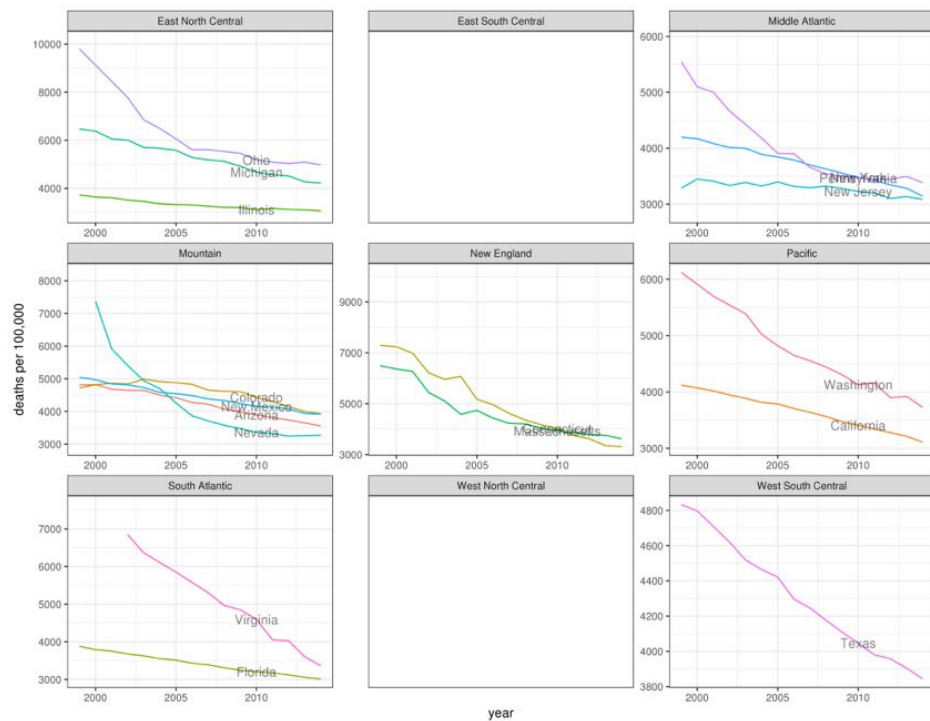
Hispanic Male Age 65-74 Smoothed



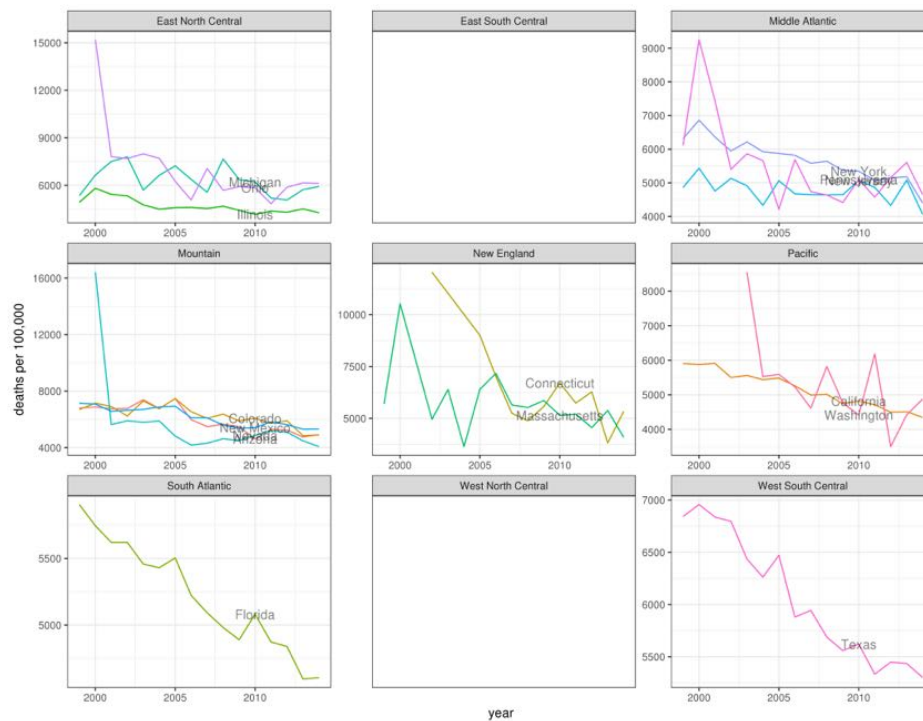
Hispanic Female Age 75-84 Raw



Hispanic Female Age 75-84 Smoothed



Hispanic Male Age 75-84 Raw



Hispanic Male Age 75-84 Smoothed

