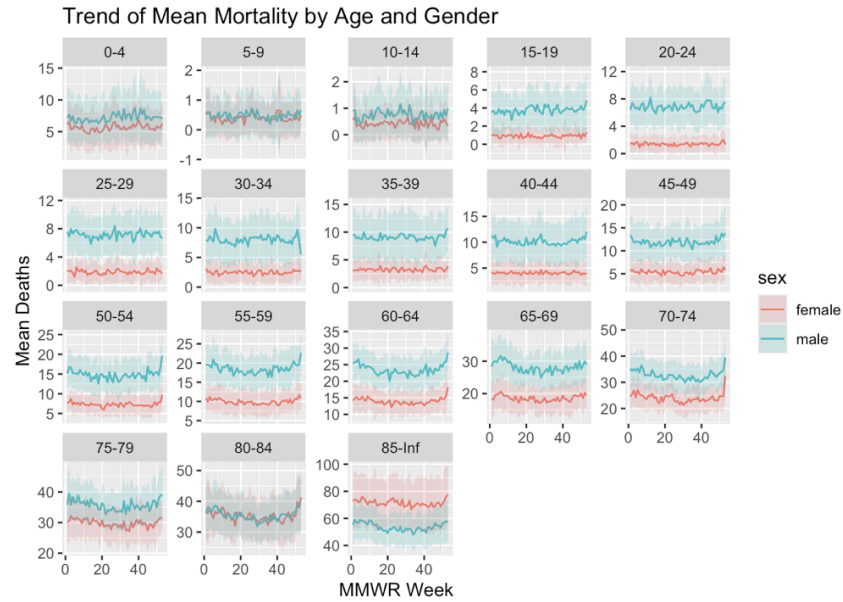


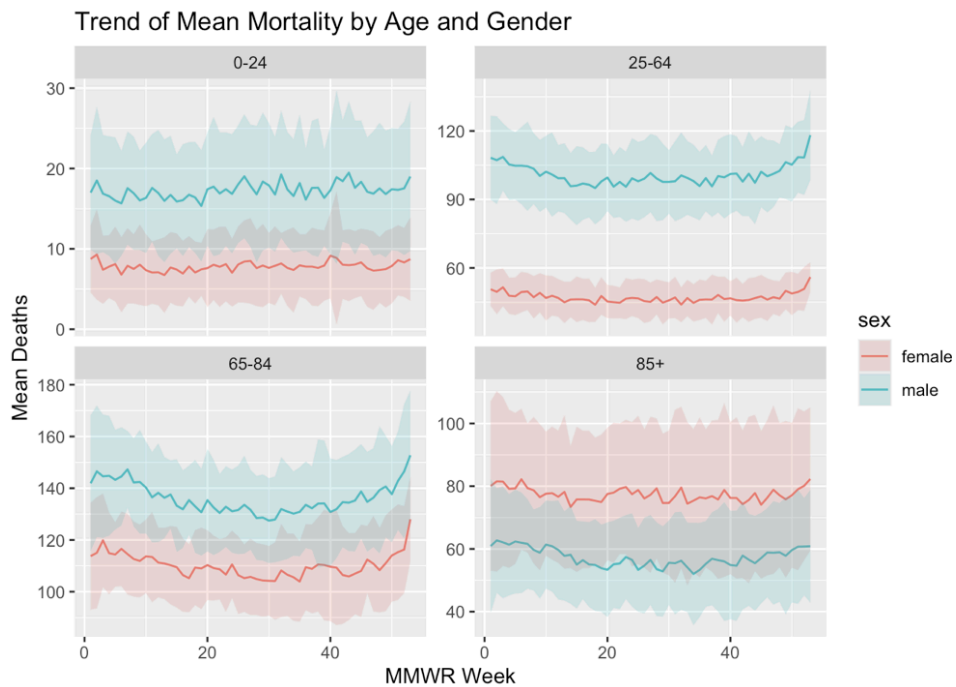
Supplemental Figures

Supplemental Figure 1: Grouping Age Categories by Mean Deaths across Weeks



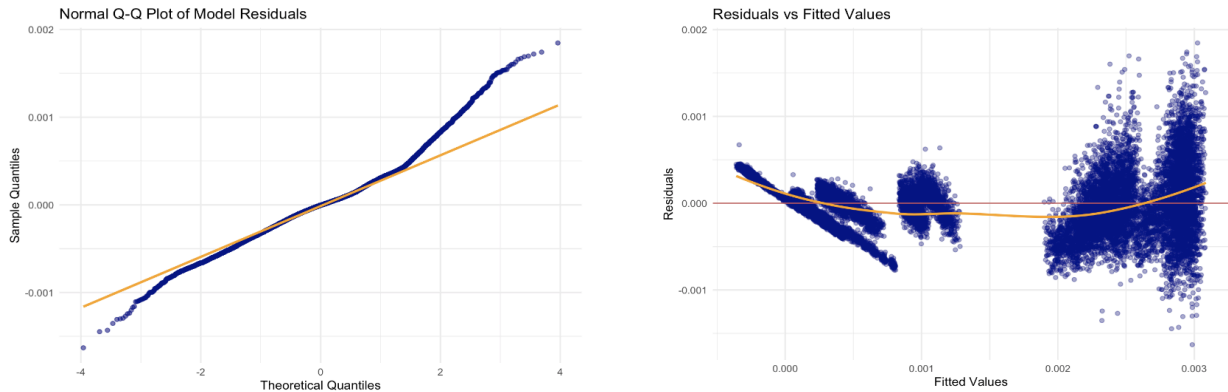
We can see that average mean death counts are similar for ages between 0 and 24, 25 and 64, 65 and 84, and 85+.

Supplemental Figure 2: Week Effect



Data was grouped across years by week and age, showing an effect of week on observed death count.

Supplement Figure 3: Linear Model Diagnostic Plots



Linear Model assumptions clearly violated.

Supplemental Figure 4: Excess Mortality from 1985-2018



Unusual levels of higher excess mortality around 1985.