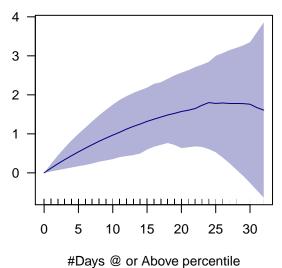
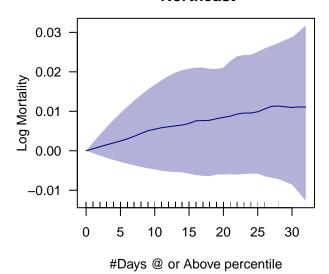
##---- Wed Feb 24 17:39:10 2021 ----##

# Deaths per 100K + #Days high >90P Northeast



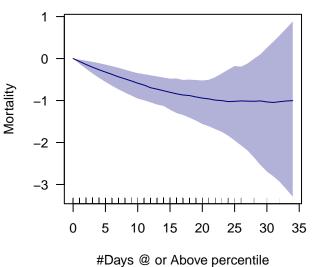
Mortality

### Deaths per 100K + #Days high >90P Northeast

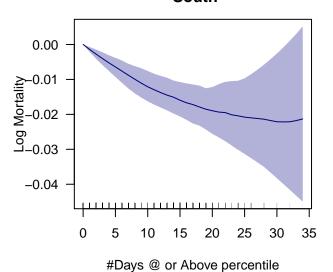


Deaths per 100K + #Days high >90P Northeast R^2 = 0.789 pvals = 0.097, 0.513 AIC = 256791.503 Deaths per 100K + #Days high >90P Northeast R^2 = 0.802 pvals = 0.459 , 0.754 AIC = -57970.33

# Deaths per 100K + #Days high >90P South

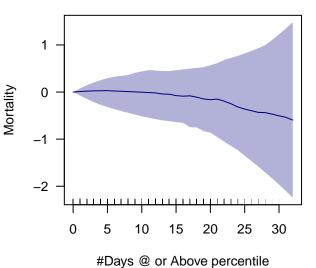


#### Deaths per 100K + #Days high >90P South

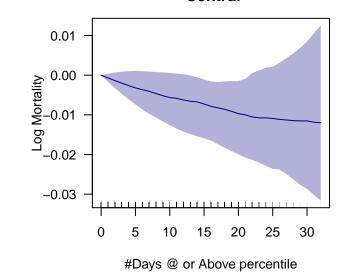


Deaths per 100K + #Days high >90P South R^2 = 0.807 pvals = 0.063 , 0.436 AIC = 529563.078 Deaths per 100K + #Days high >90P South R^2 = 0.832 pvals = 0.01 , 0.338 AIC = -91723.924

Deaths per 100K + #Days high >90P Central

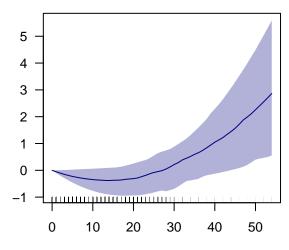


### Deaths per 100K + #Days high >90P Central

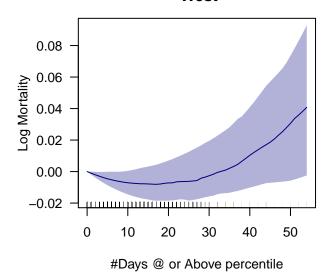


Deaths per 100K + #Days high >90P Central R^2 = 0.777 pvals = 0.874 , 0.771 AIC = 408408.713 Deaths per 100K + #Days high >90P Central R^2 = 0.796 pvals = 0.262, 0.672 AIC = -70459.266





### Deaths per 100K + #Days high >90P West

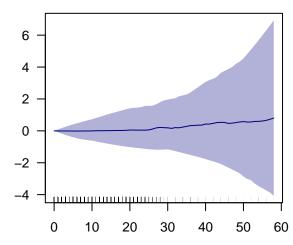


Deaths per 100K + #Days high >90P West R^2 = 0.847 pvals = 0.094, 0.019 AIC = 124562.784

#Days @ or Above percentile

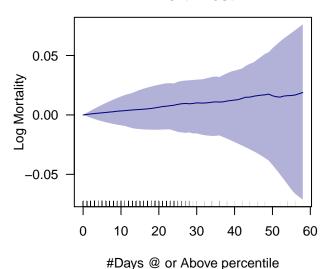
Deaths per 100K + #Days high >90P West R^2 = 0.85 pvals = 0.093 , 0.05 AIC = -25470.535

# Deaths per 100K + #Days high >90P Northwest



Mortality

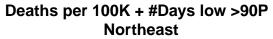
# Deaths per 100K + #Days high >90P Northwest

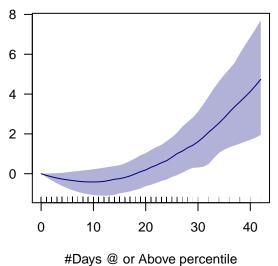


Deaths per 100K + #Days high >90P Northwest R^2 = 0.784 pvals = 0.986 , 0.861 AIC = 89043.702

#Days @ or Above percentile

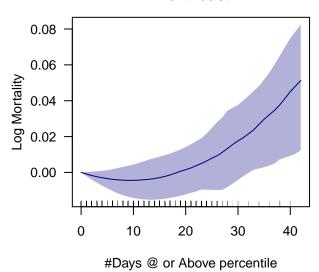
Deaths per 100K + #Days high >90P Northwest R^2 = 0.78 pvals = 0.634 , 0.865 AIC = -16062.19





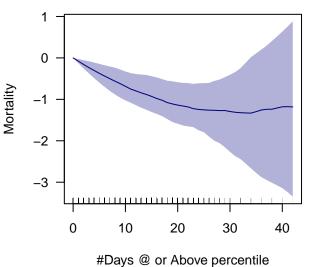
Mortality

### Deaths per 100K + #Days low >90P Northeast

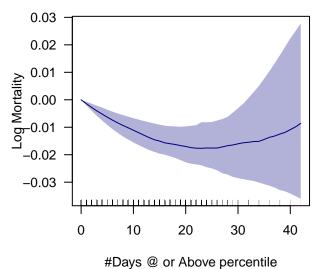


Deaths per 100K + #Days low >90P Northeast  $R^2 = 0.789$ pvals = 0.122 , 0.05 AIC = 256789.692 Deaths per 100K + #Days low >90P Northeast  $R^2 = 0.802$ pvals = 0.162 , 0.069 AIC = -57974.086

# Deaths per 100K + #Days low >90P South

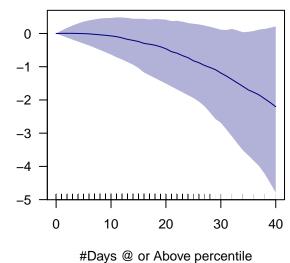


# Deaths per 100K + #Days low >90P South

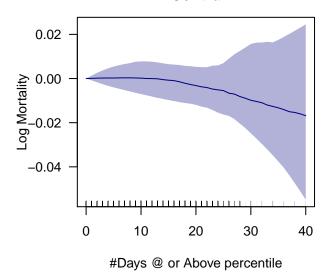


Deaths per 100K + #Days low >90P South  $R^2 = 0.807$ pvals = 0.039 , 0.385 AIC = 529557.713 Deaths per 100K + #Days low >90P South R^2 = 0.832 pvals = 0.001 , 0.11 AIC = -91725.561



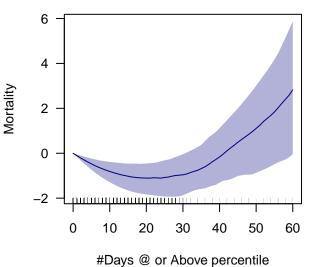


# Deaths per 100K + #Days low >90P Central

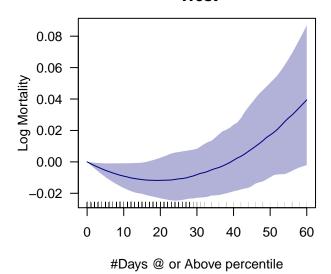


Deaths per 100K + #Days low >90P Central  $R^2 = 0.777$ pvals = 0.952 , 0.387 AIC = 408406.932 Deaths per 100K + #Days low >90P Central  $R^2 = 0.796$ pvals = 0.948 , 0.653 AIC = -70456.675

# Deaths per 100K + #Days low >90P West

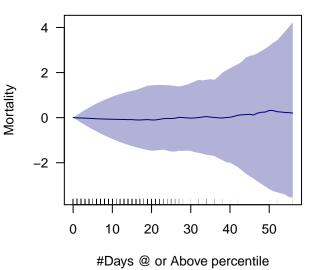


### Deaths per 100K + #Days low >90P West

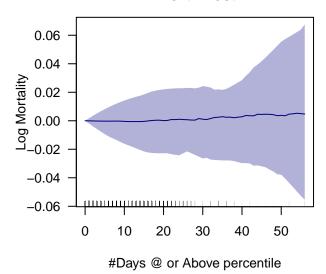


Deaths per 100K + #Days low >90P West  $R^2 = 0.847$ pvals = 0.003 , 0.008 AIC = 124558.404 Deaths per 100K + #Days low >90P West  $R^2 = 0.85$  pvals = 0.022 , 0.016 AIC = -25471.615

# Deaths per 100K + #Days low >90P Northwest

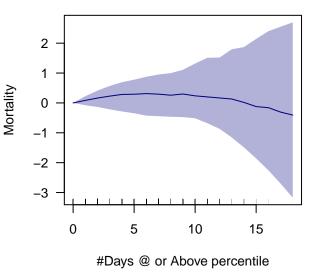


# Deaths per 100K + #Days low >90P Northwest

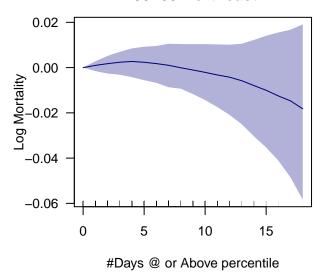


Deaths per 100K + #Days low >90P Northwest  $R^2 = 0.784$ pvals = 0.853 , 0.884 AIC = 89043.753 Deaths per 100K + #Days low >90P Northwest  $R^2 = 0.78$ pvals = 0.912 , 0.868 AIC = -16061.779

## Deaths per 100K + #Days high >90P 05-09 Northeast

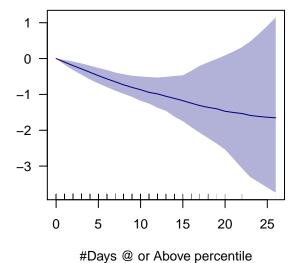


#### Deaths per 100K + #Days high >90P 05-09 Northeast



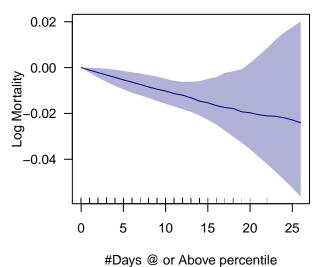
Deaths per 100K + #Days high >90P 05–09 Northeast R^2 = 0.77 pvals = 0.393 , 0.498 AIC = 105551.608 Deaths per 100K + #Days high >90P 05–09 Northeast R^2 = 0.782 pvals = 0.443, 0.313 AIC = -23555.353

Deaths per 100K + #Days high >90P 05-09 South



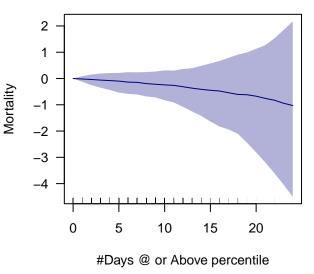
Mortality

## Deaths per 100K + #Days high >90P 05-09 South

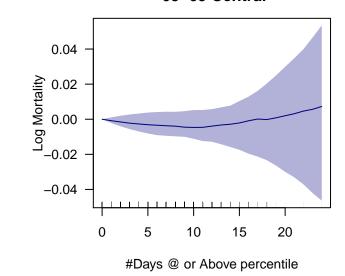


Deaths per 100K + #Days high >90P 05-09 South R^2 = 0.797 pvals = 0.031 , 0.566 AIC = 218471.649 Deaths per 100K + #Days high >90P 05-09 South R^2 = 0.824 pvals = 0.1 , 0.906 AIC = -37394.422

# Deaths per 100K + #Days high >90P 05-09 Central

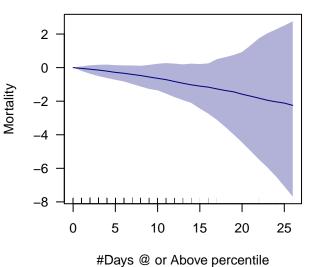


#### Deaths per 100K + #Days high >90P 05-09 Central

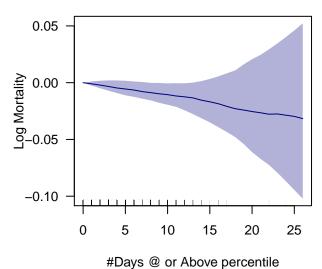


Deaths per 100K + #Days high >90P 05-09 Central R^2 = 0.763 pvals = 0.697, 0.858 AIC = 167672.246 Deaths per 100K + #Days high >90P 05-09 Central R^2 = 0.781 pvals = 0.375 , 0.543 AIC = -28835.496

Deaths per 100K + #Days high >90P 05-09 West



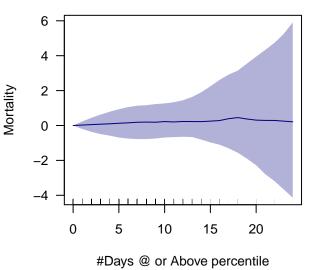
#### Deaths per 100K + #Days high >90P 05-09 West



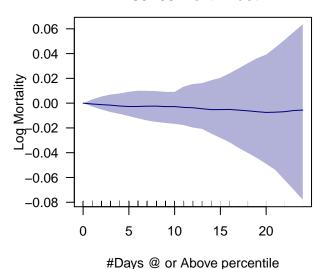
Deaths per 100K + #Days high >90P 05-09 West  $R^2 = 0.841$  pvals = 0.578 , 0.803 AIC = 51061.818

Deaths per 100K + #Days high >90P 05–09 West R^2 = 0.84 pvals = 0.417, 0.912 AIC = -10490.569

# Deaths per 100K + #Days high >90P 05-09 Northwest

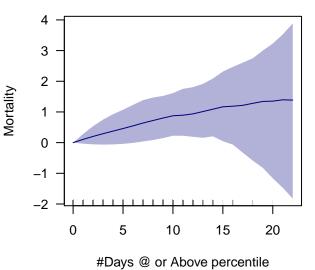


#### Deaths per 100K + #Days high >90P 05-09 Northwest

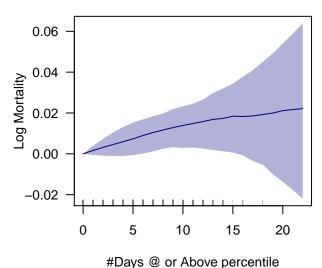


Deaths per 100K + #Days high >90P 05–09 Northwest R^2 = 0.772 pvals = 0.812 , 0.958 AIC = 36647.689 Deaths per 100K + #Days high >90P 05–09 Northwest R^2 = 0.766 pvals = 0.922 , 0.966 AIC = -6562.839

### Deaths per 100K + #Days low >90P 05-09 Northeast

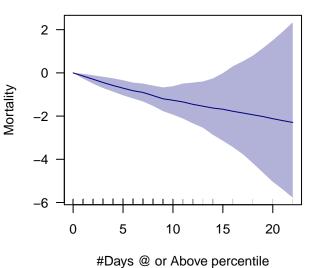


#### Deaths per 100K + #Days low >90P 05-09 Northeast

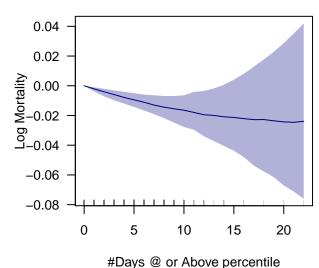


Deaths per 100K + #Days low >90P 05-09 Northeast R^2 = 0.77 pvals = 0.273 , 0.694 AIC = 105549.093 Deaths per 100K + #Days low >90P 05-09 Northeast  $R^2 = 0.782$ pvals = 0.306, 0.859AIC = -23558.369

# Deaths per 100K + #Days low >90P 05-09 South

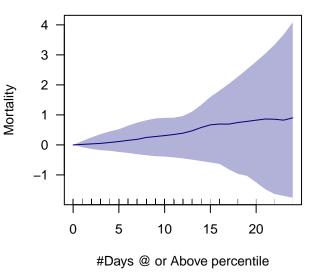


#### Deaths per 100K + #Days low >90P 05-09 South

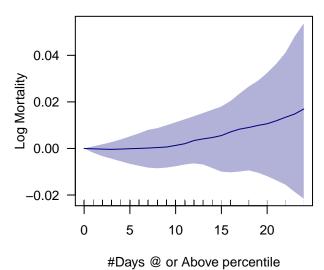


Deaths per 100K + #Days low >90P 05–09 South R^2 = 0.797 pvals = 0.027 , 0.613 AIC = 218467.69 Deaths per 100K + #Days low >90P 05-09 South  $R^2 = 0.824$  pvals = 0.033 , 0.605 AIC = -37396.727

#### Deaths per 100K + #Days low >90P 05-09 Central

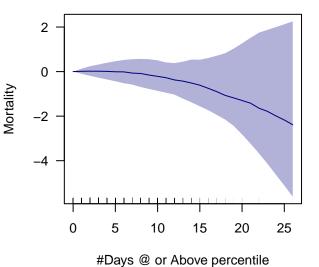


#### Deaths per 100K + #Days low >90P 05-09 Central

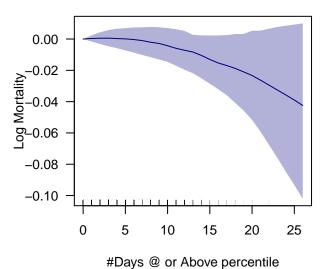


Deaths per 100K + #Days low >90P 05–09 Central R^2 = 0.763 pvals = 0.791 , 0.857 AIC = 167672.501 Deaths per 100K + #Days low >90P 05-09 Central  $R^2 = 0.781$  pvals = 0.775, 0.523 AIC = -28835.019

## Deaths per 100K + #Days low >90P 05-09 West



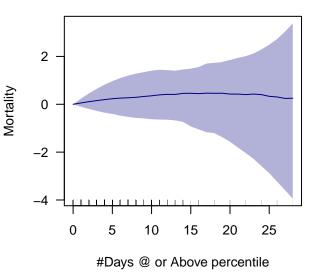
#### Deaths per 100K + #Days low >90P 05-09 West



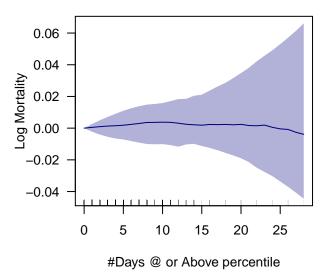
Deaths per 100K + #Days low >90P 05-09 West  $R^2 = 0.841$  pvals = 0.878 , 0.516 AIC = 51063.481

Deaths per 100K + #Days low >90P 05–09 West R^2 = 0.84 pvals = 0.71 , 0.376 AIC = -10488.888

### Deaths per 100K + #Days low >90P 05-09 Northwest

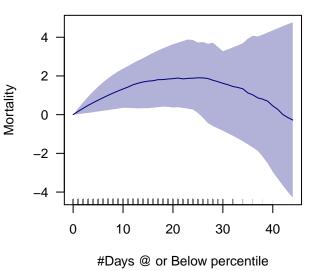


#### Deaths per 100K + #Days low >90P 05-09 Northwest

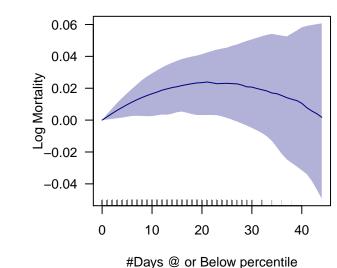


Deaths per 100K + #Days low >90P 05-09 Northwest R^2 = 0.772 pvals = 0.489 , 0.675 AIC = 36647.405 Deaths per 100K + #Days low >90P 05–09 Northwest R^2 = 0.766 pvals = 0.798, 0.902 AIC = -6562.817

## Deaths per 100K + #Days high <10P Northeast

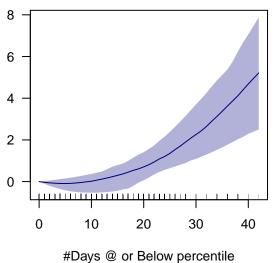


### Deaths per 100K + #Days high <10P Northeast



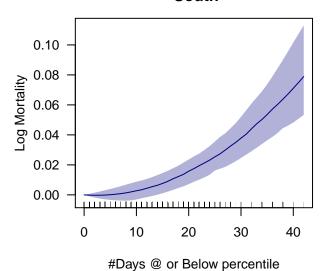
Deaths per 100K + #Days high <10P Northeast R^2 = 0.789 pvals = 0.108, 0.218 AIC = 256792.142 Deaths per 100K + #Days high <10P Northeast  $R^2 = 0.802$  pvals = 0.076 , 0.216 AIC = -57973.814





Mortality

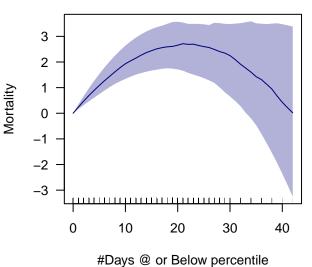
### Deaths per 100K + #Days high <10P South



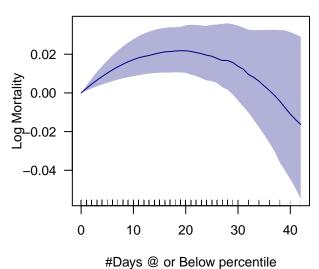
Deaths per 100K + #Days high <10P South  $R^2=0.807$  pvals = 0.422, 0.024 AIC = 529559.095

Deaths per 100K + #Days high <10P South  $R^2=0.832$  pvals = 0.627 , 0.018 AIC = -91723.484

# Deaths per 100K + #Days high <10P Central

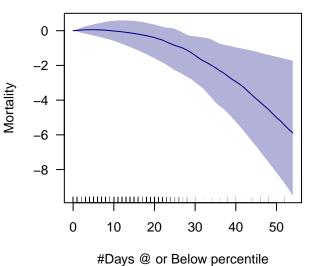


### Deaths per 100K + #Days high <10P Central

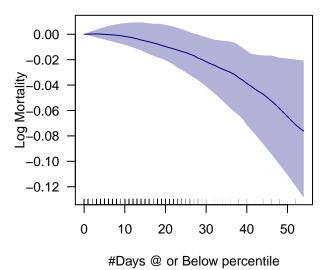


Deaths per 100K + #Days high <10P Central R^2 = 0.777 pvals = 0 , 0.003 AIC = 408383.072 Deaths per 100K + #Days high <10P Central  $R^2 = 0.796$  pvals = 0.001 , 0.003 AIC = -70467.86

# Deaths per 100K + #Days high <10P West

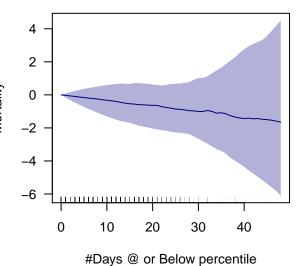


### Deaths per 100K + #Days high <10P West

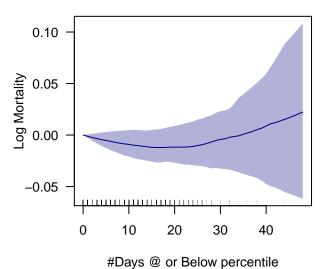


Deaths per 100K + #Days high <10P West R^2 = 0.847 pvals = 0.614 , 0.104 AIC = 124560.995 Deaths per 100K + #Days high <10P West  $R^2=0.85$  pvals = 0.567 , 0.075 AIC=-25470.468

# Deaths per 100K + #Days high <10P Northwest

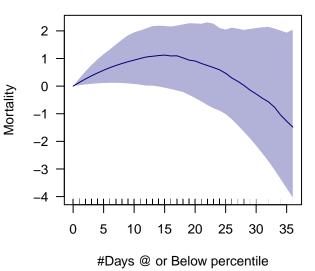


## Deaths per 100K + #Days high <10P Northwest

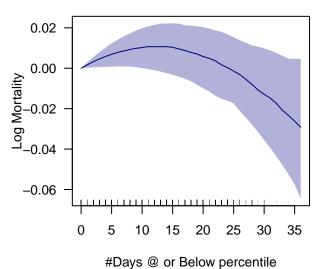


Deaths per 100K + #Days high <10P Northwest R^2 = 0.784 pvals = 0.609 , 0.94 AIC = 89042.899 Deaths per 100K + #Days high <10P Northwest R^2 = 0.78 pvals = 0.219 , 0.319 AIC = -16063.411

#### Deaths per 100K + #Days low <10P Northeast

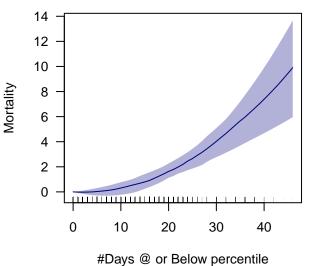


#### Deaths per 100K + #Days low <10P Northeast

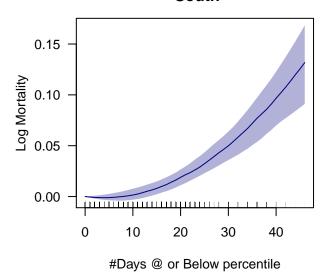


Deaths per 100K + #Days low <10P Northeast  $R^2 = 0.789$ pvals = 0.07 , 0.11 AIC = 256794.425 Deaths per 100K + #Days low <10P Northeast  $R^2 = 0.802$ pvals = 0.072 , 0.041 AIC = -57973.417

# Deaths per 100K + #Days low <10P South

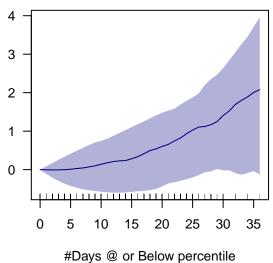


# Deaths per 100K + #Days low <10P South



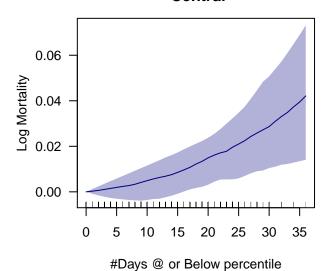
Deaths per 100K + #Days low <10P South  $R^2 = 0.807$ pvals = 0.701 , 0.009 AIC = 529536.35 Deaths per 100K + #Days low <10P South  $R^2 = 0.832$  pvals = 0.303, 0 AIC = -91739.398





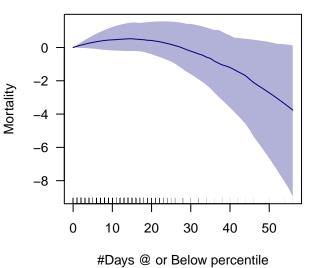
Mortality

### Deaths per 100K + #Days low <10P Central

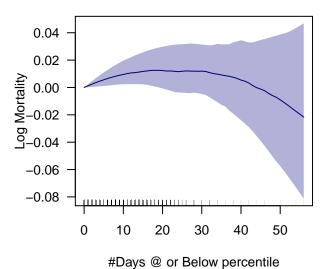


Deaths per 100K + #Days low <10P Central  $R^2 = 0.777$ pvals = 0.959 , 0.46 AIC = 408405.5

# Deaths per 100K + #Days low <10P West

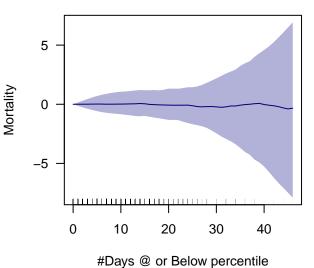


## Deaths per 100K + #Days low <10P West

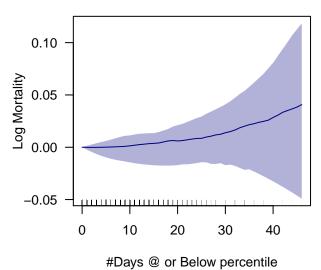


Deaths per 100K + #Days low <10P West  $R^2 = 0.847$ pvals = 0.164 , 0.103 AIC = 124562.011 Deaths per 100K + #Days low <10P West  $R^2 = 0.85$  pvals = 0.137 , 0.257 AIC = -25469.929

# Deaths per 100K + #Days low <10P Northwest

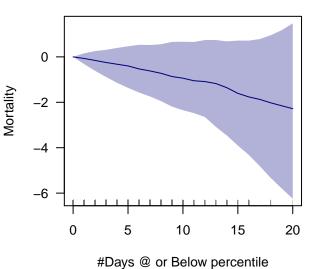


### Deaths per 100K + #Days low <10P Northwest

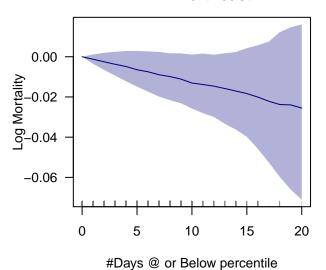


Deaths per 100K + #Days low <10P Northwest  $R^2 = 0.784$ pvals = 0.988 , 0.934 AIC = 89043.77 Deaths per 100K + #Days low <10P Northwest  $R^2 = 0.78$ pvals = 0.849 , 0.712 AIC = -16061.999

Deaths per 100K + #Days high <10P 11-2 Northeast

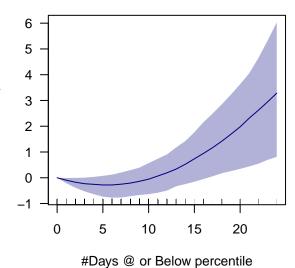


#### Deaths per 100K + #Days high <10P 11-2 Northeast

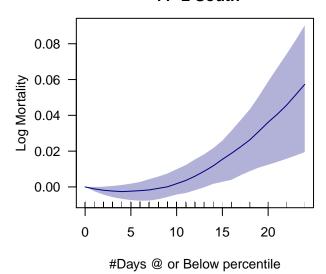


Deaths per 100K + #Days high <10P 11–2 Northeast R^2 = 0.796 pvals = 0.532 , 0.701 AIC = 86957.777 Deaths per 100K + #Days high <10P 11-2 Northeast  $R^2 = 0.808$  pvals = 0.337, 0.873 AIC = -19721.737

Deaths per 100K + #Days high <10P 11-2 South

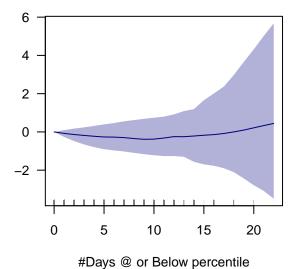


#### Deaths per 100K + #Days high <10P 11-2 South



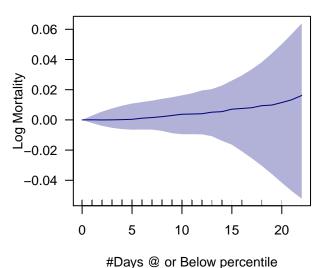
Deaths per 100K + #Days high <10P 11-2 South R^2 = 0.815 pvals = 0.193, 0.077 AIC = 178976.922 Deaths per 100K + #Days high <10P 11–2 South R^2 = 0.837 pvals = 0.276, 0.053 AIC = -30950.166

# Deaths per 100K + #Days high <10P 11-2 Central



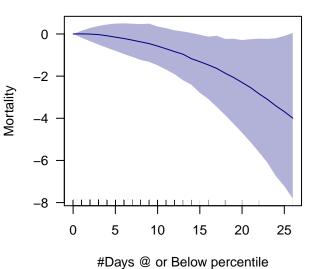
Mortality

### Deaths per 100K + #Days high <10P 11-2 Central

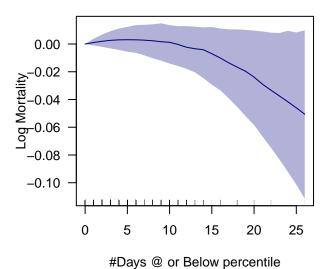


Deaths per 100K + #Days high <10P 11–2 Central R^2 = 0.788 pvals = 0.524 , 0.711 AIC = 138244.437 Deaths per 100K + #Days high <10P 11-2 Central  $R^2 = 0.806$  pvals = 0.926 , 0.937 AIC = -23816.635

Deaths per 100K + #Days high <10P 11-2 West

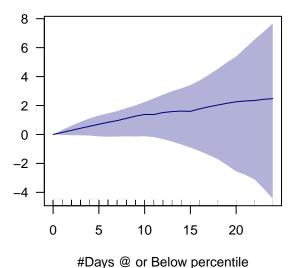


#### Deaths per 100K + #Days high <10P 11-2 West



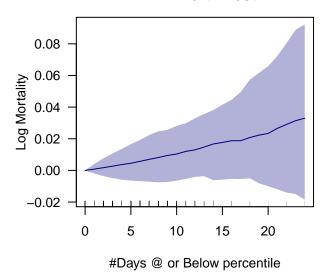
Deaths per 100K + #Days high <10P 11–2 West R^2 = 0.852 pvals = 0.956, 0.347 AIC = 42309.588 Deaths per 100K + #Days high <10P 11–2 West R^2 = 0.857 pvals = 0.343, 0.095 AIC = -8526.543

#### Deaths per 100K + #Days high <10P 11-2 Northwest



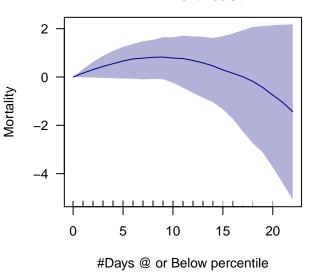
Mortality

#### Deaths per 100K + #Days high <10P 11–2 Northwest

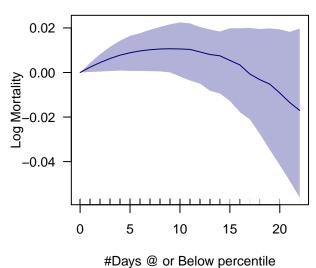


Deaths per 100K + #Days high <10P 11–2 Northwest R^2 = 0.791 pvals = 0.274, 0.931 AIC = 30108.431 Deaths per 100K + #Days high <10P 11–2 Northwest  $R^2 = 0.788$  pvals = 0.674 , 0.842 AIC = -5412.113

Deaths per 100K + #Days low <10P 11-2 Northeast

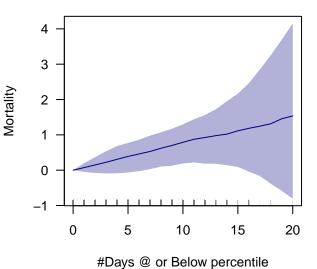


## Deaths per 100K + #Days low <10P 11-2 Northeast

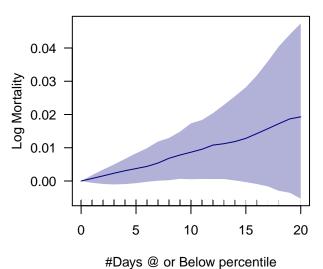


Deaths per 100K + #Days low <10P 11-2 Northeast  $R^2 = 0.796$ pvals = 0.156 , 0.162 AIC = 86956.677 Deaths per 100K + #Days low <10P 11-2 Northeast  $R^2 = 0.808$  pvals = 0.088 , 0.111 AIC = -19723.524

Deaths per 100K + #Days low <10P 11-2 South



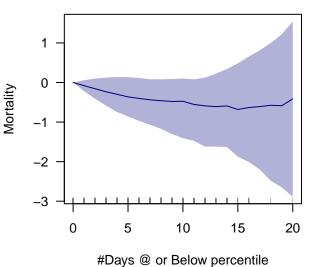
### Deaths per 100K + #Days low <10P 11-2 South



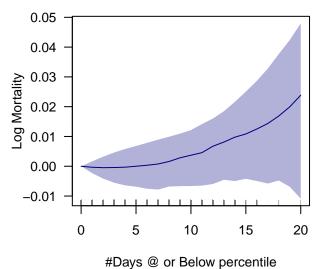
Deaths per 100K + #Days low <10P 11–2 South R^2 = 0.815 pvals = 0.432 , 0.983 AIC = 178977.933

Deaths per 100K + #Days low <10P 11-2 South  $R^2 = 0.837$ pvals = 0.46 , 0.929 AIC = -30948.369

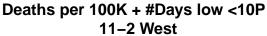
Deaths per 100K + #Days low <10P 11-2 Central

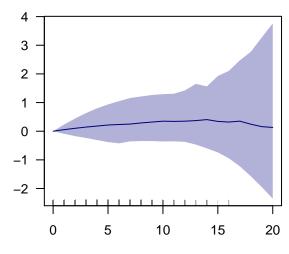


### Deaths per 100K + #Days low <10P 11-2 Central



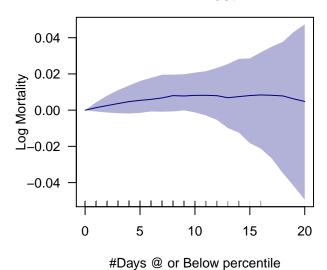
Deaths per 100K + #Days low <10P 11-2 Central  $R^2 = 0.788$ pvals = 0.424 , 0.675 AIC = 138244.128 Deaths per 100K + #Days low <10P 11-2 Central  $R^2 = 0.806$  pvals = 0.792 , 0.413 AIC = -23818.373





Mortality

### Deaths per 100K + #Days low <10P 11-2 West

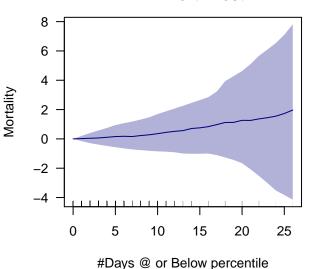


Deaths per 100K + #Days low <10P 11-2 West  $R^2 = 0.852$  pvals = 0.641 , 0.855 AIC = 42311.703

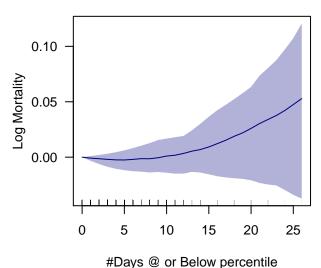
#Days @ or Below percentile

Deaths per 100K + #Days low <10P 11-2 West  $R^2 = 0.857$  pvals = 0.397 , 0.567 AIC = -8526.007

#### Deaths per 100K + #Days low <10P 11-2 Northwest



### Deaths per 100K + #Days low <10P 11-2 Northwest



Deaths per 100K + #Days low <10P 11-2 Northwest  $R^2 = 0.791$ pvals = 0.919 , 0.697 AIC = 30110.407 Deaths per 100K + #Days low <10P 11-2 Northwest  $R^2 = 0.788$  pvals = 0.475 , 0.267 AIC = -5412.219