log graphs for each county

Cheyenne Ehman

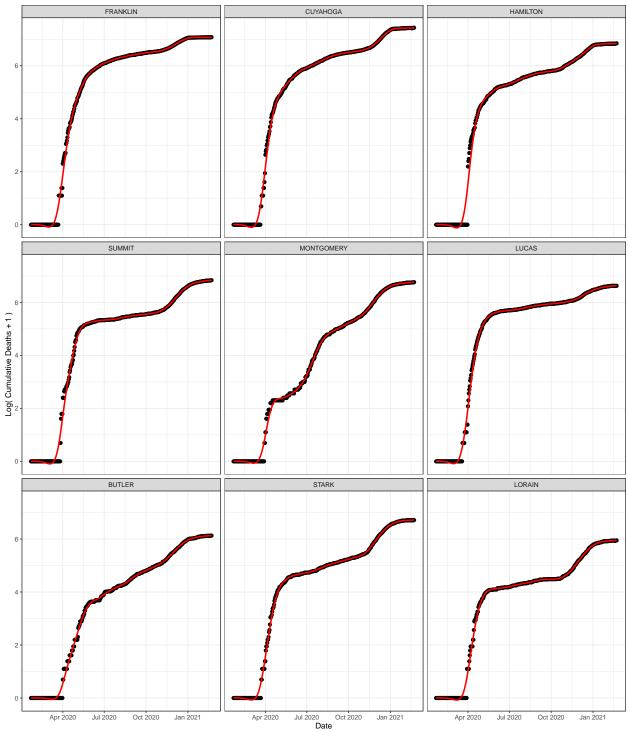
4/7/2021

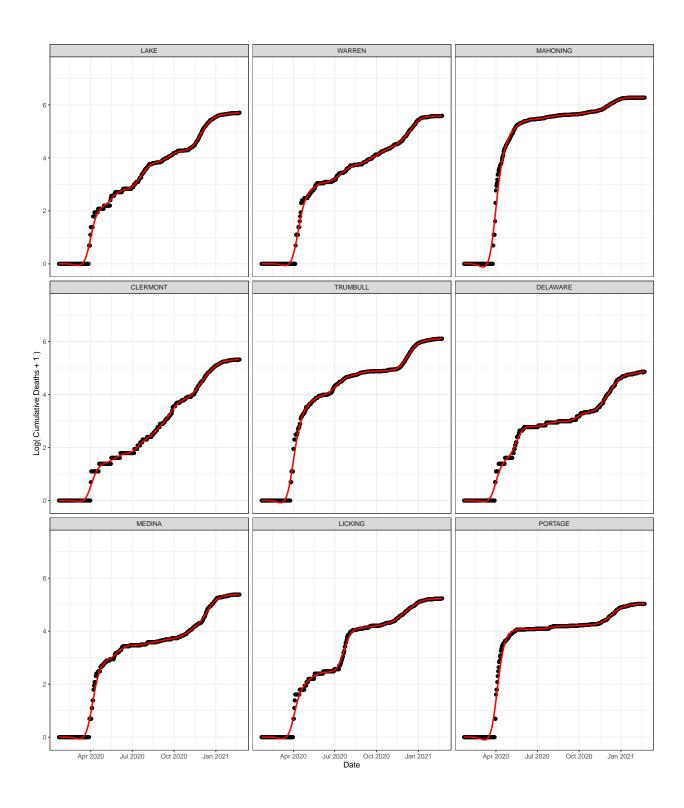
```
library(readxl)
library(tidyverse)
# read in OHIO_CASES_DATA
cases <- read_excel("COVID_CASES_OH_CNTY_20210223_pop.xlsx")
cases$DATE <- as.Date(cases$DATE, "%m/%d/%Y") # convert dates
# remove UNASSIGNED and OUT OF OH data
cases <- cases%>%
  filter( (COUNTY != 'UNASSIGNED') & (COUNTY !='OUT OF OH'))%>%
  mutate(FIPS = str_sub(UID,start = 4,end = 8))%>%
  select(COUNTY,FIPS,DATE,CNTY_LAT,CNTY_LONG,POPULATION,CUMCONFIRMED,CUMDEATHS,NEWCONFIRMED)
```

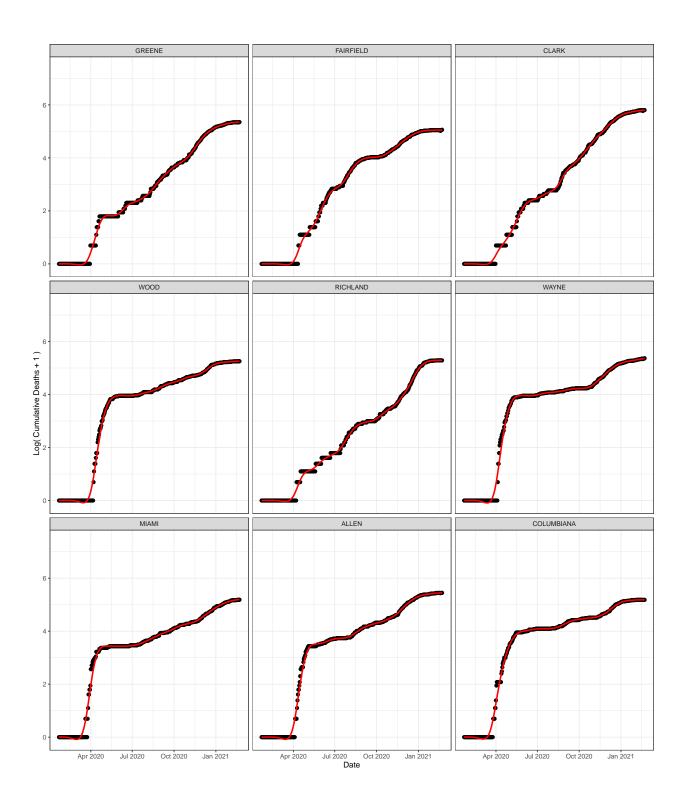
$Log(Death_t + 1)$ for each county

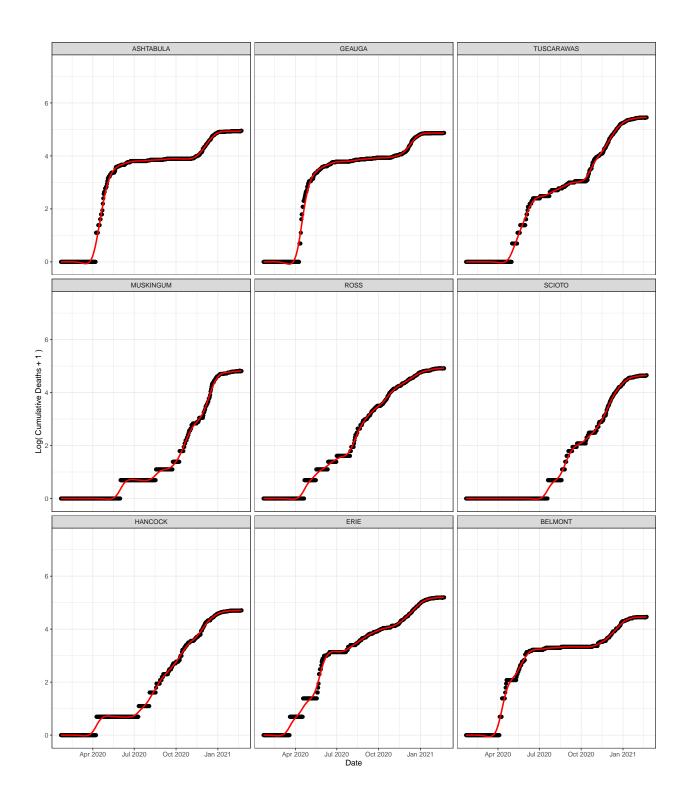
Cumulative Deaths

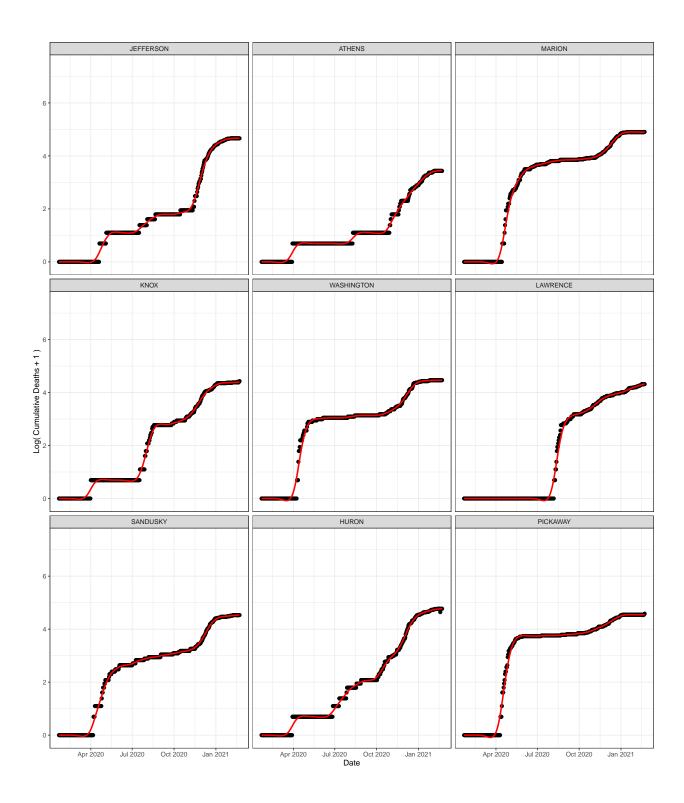


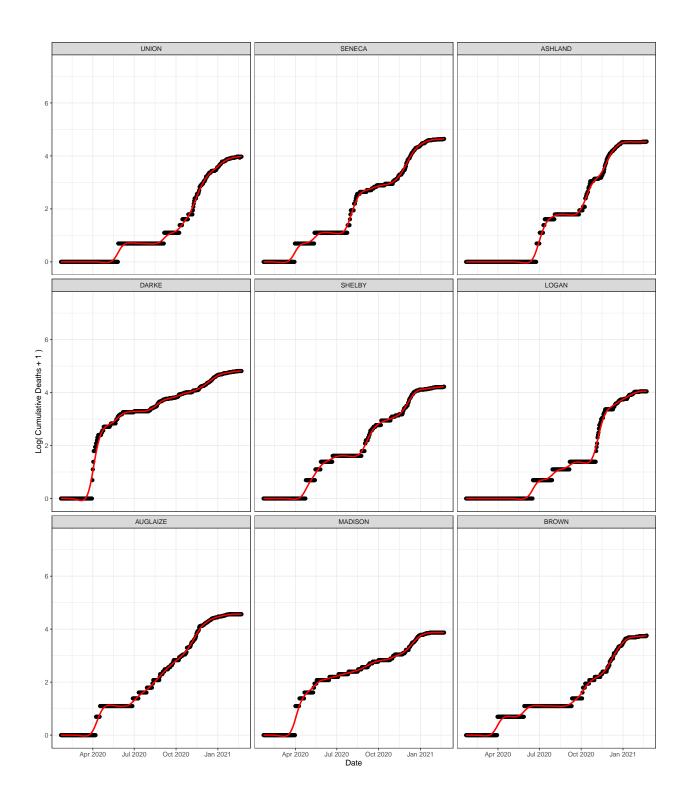


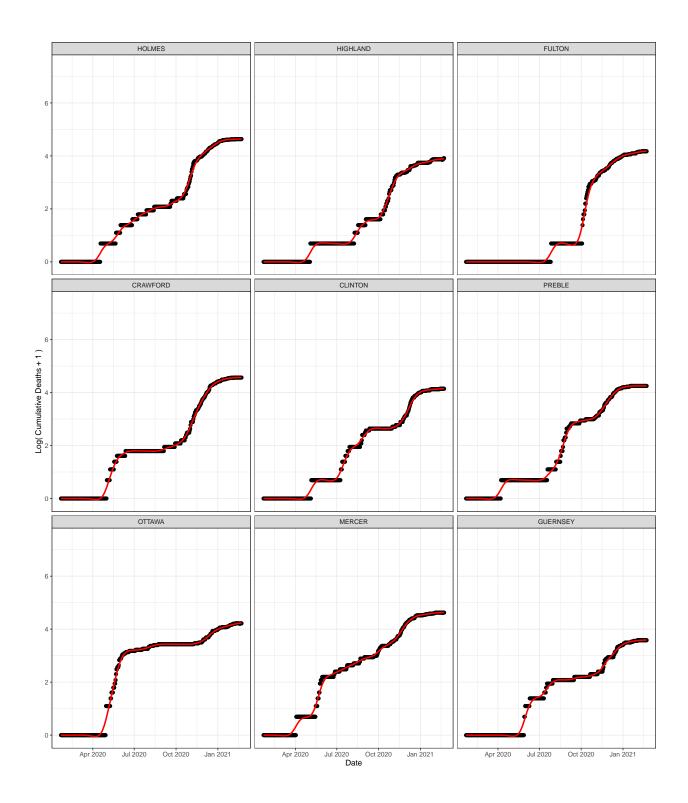


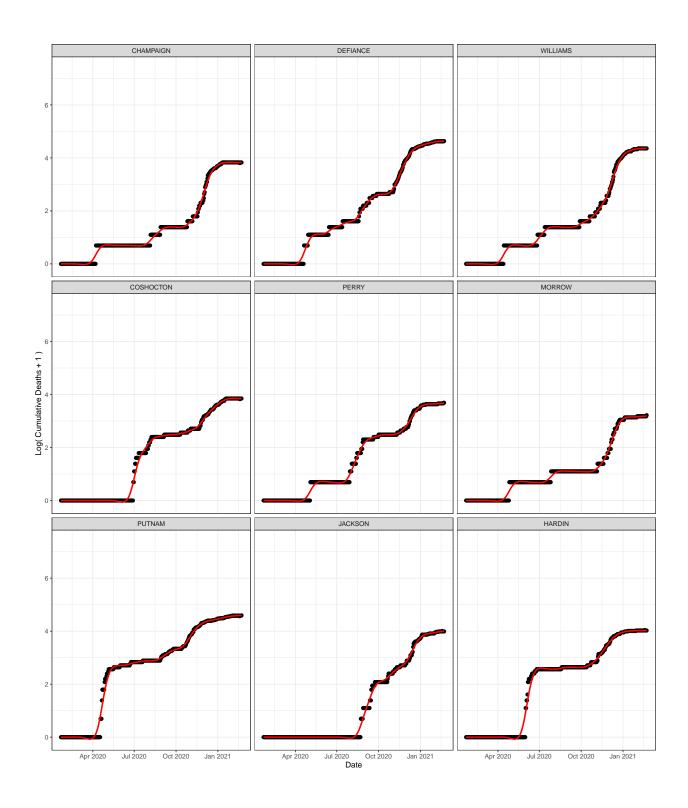


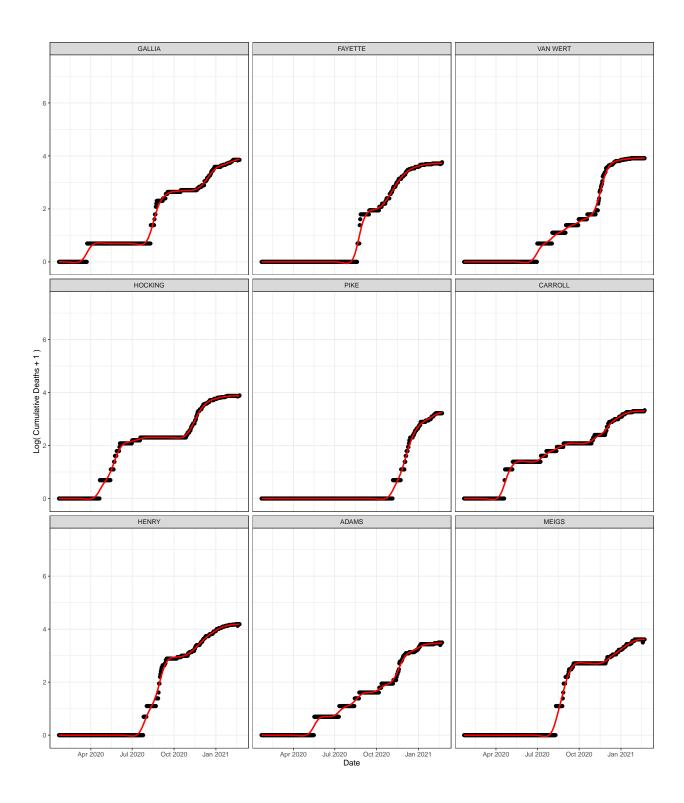


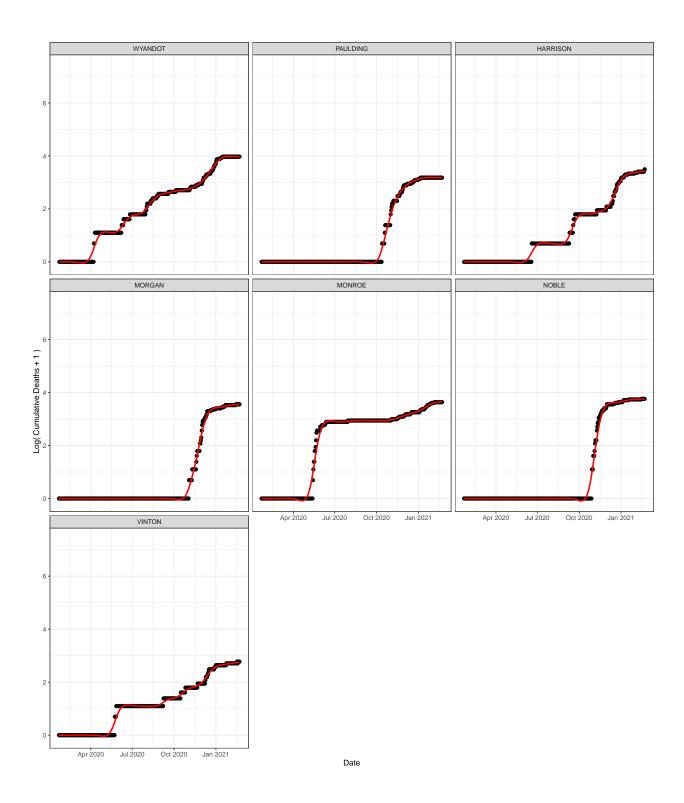












New Deaths

