## quick-analysis by state and WA county

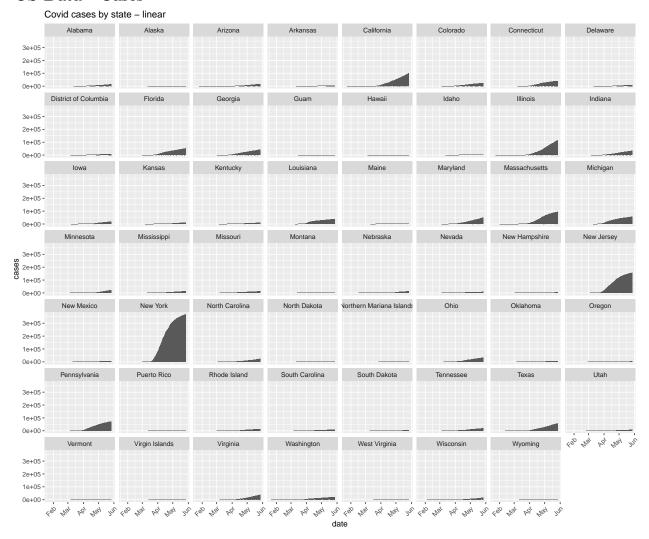
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

- Linear this is just an absolute count reported by date
- $\log(2)$  this is a  $\log(2)$  graph of count by date, intended to help display the doubling trend

Note that this data is historical, not predictive. It's intended to help illustrate what has happened so far.

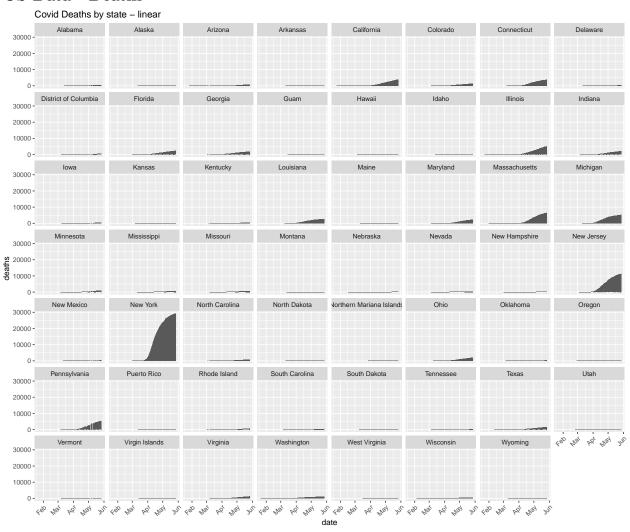
### US Data - Cases

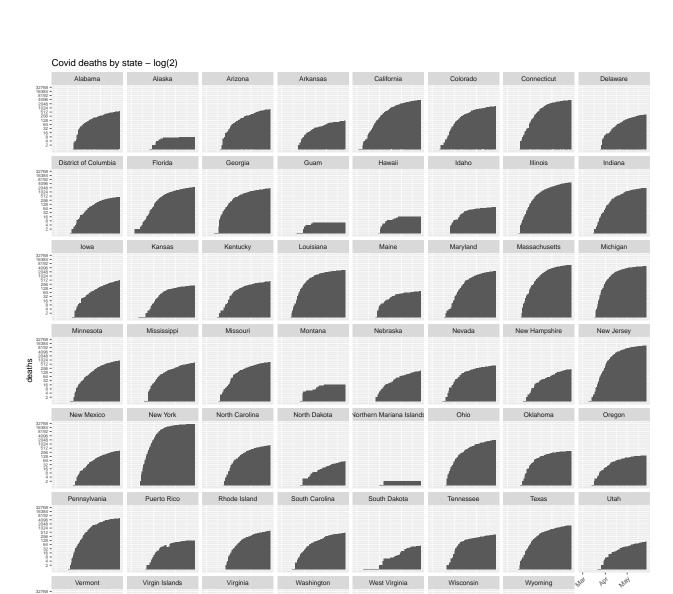


#### Covid cases by state - log(2) Alabama Arizona Arkansas California Colorado Connecticut Delaware 524288 - 181474 - 191072 - 32768 - 16558 - 1666 - 2049 - 128 District of Columbia Florida Georgia Guam Hawaii Kansas Kentucky Louisiana Maine Maryland Massachusetts Michigan Mississippi Minnesota Missouri Montana Nebraska New Hampshire Nevada New Jersey New Mexico New York North Carolina North Dakota Northern Mariana Islands Ohio Oklahoma Oregon 524288 - 19144 Pennsylvania Puerto Rico Rhode Island South Carolina South Dakota Tennessee Texas 524288 --262144 -137536 -85768 -85768 -16384 -16186 -2048 -2048 -1524 -1524 -152 -153 -154 -155 -156 -204 -156 -15 tep that bot that in Virginia Washington West Virginia Wisconsin Vermont Virgin Islands

ਮੁਤ ਵਲ੍ਹ ਸੋਗ੍ਰਾ ਇਨ੍ਹਾਂ ਸੋਗ੍ਰਾ ਸੋਹ ਵਲ੍ਹ ਸੋਗ੍ਰਾ ਇਨ੍ਹਾਂ ਸੋਗ੍ਰਾ ਸੋਹ ਵਲ੍ਹ ਸੋਗ੍ਰਾ ਸੋਹ ਵਲ੍ਹ ਸੋਗ੍ਰਾ ਇਨ੍ਹਾਂ ਸੋਗ੍ਰਾ ਇਨ੍ਹਾਂ ਸੋਗ੍ਰਾ date

### US Data - Deaths





May

POI

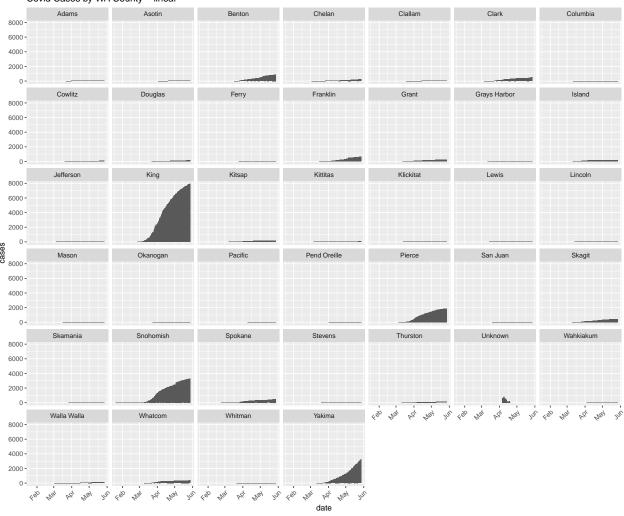
PQ

Mar

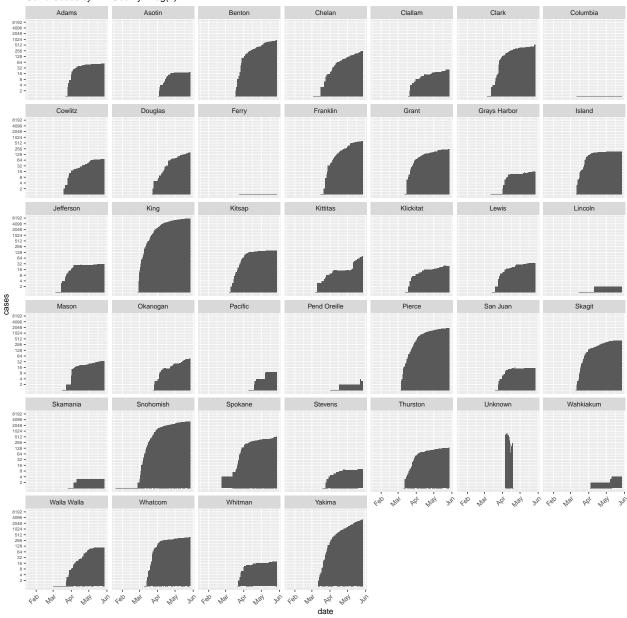
May May

### Washington Counties - Cases

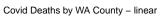


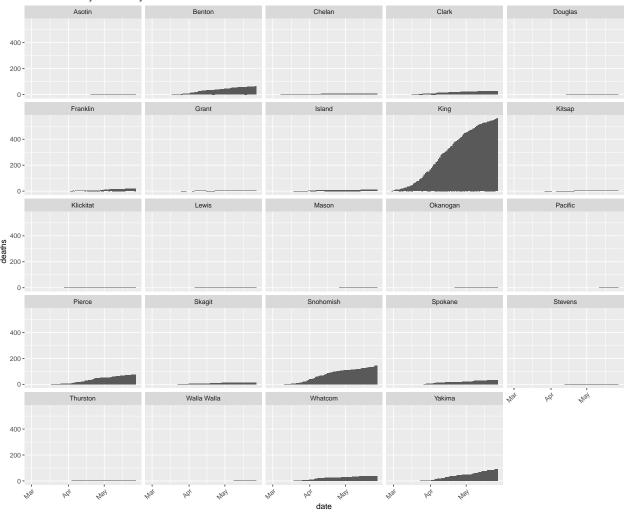


### Covid Cases by WA County – log(2)

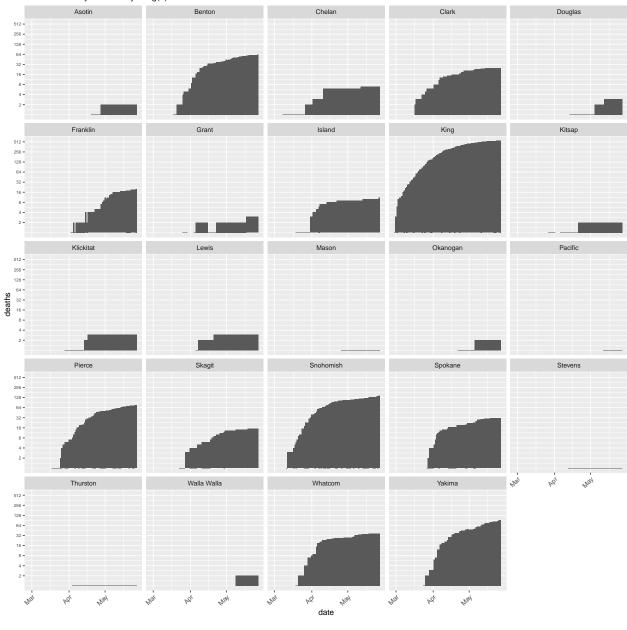


### Washington Counties - Deaths



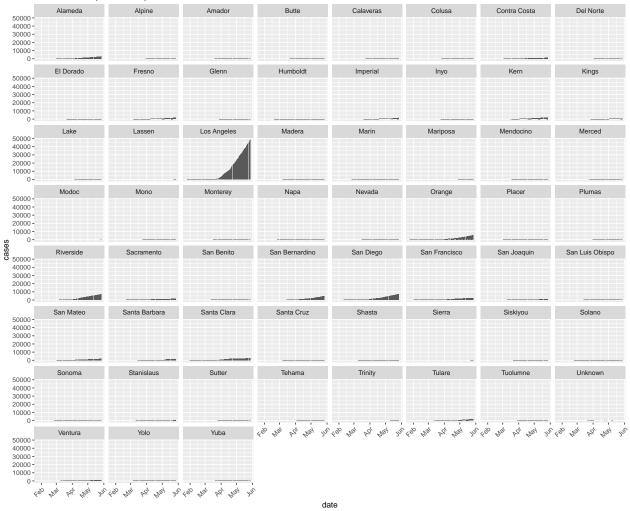


#### Covid Deaths by WA County - log(2)



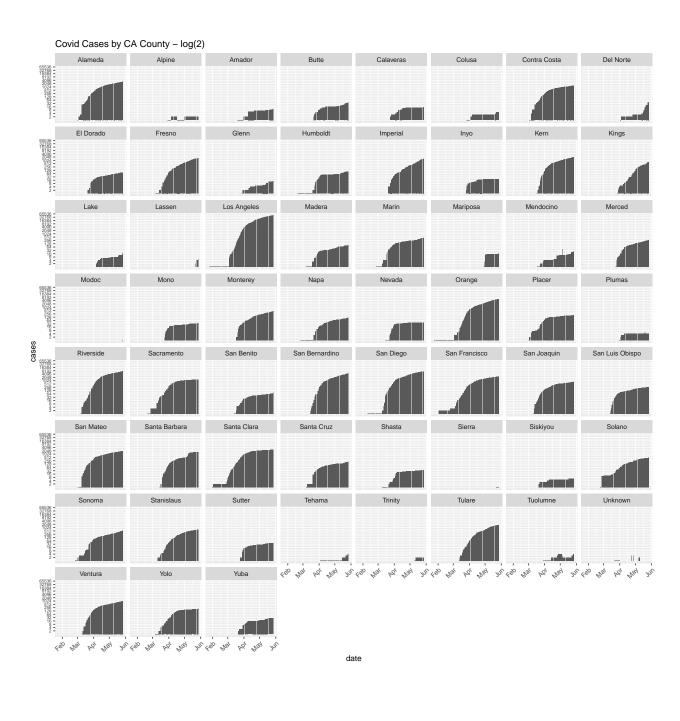
### California Counties - Cases

Covid Cases by CA County - linear



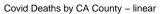
## Warning: Transformation introduced infinite values in continuous y-axis

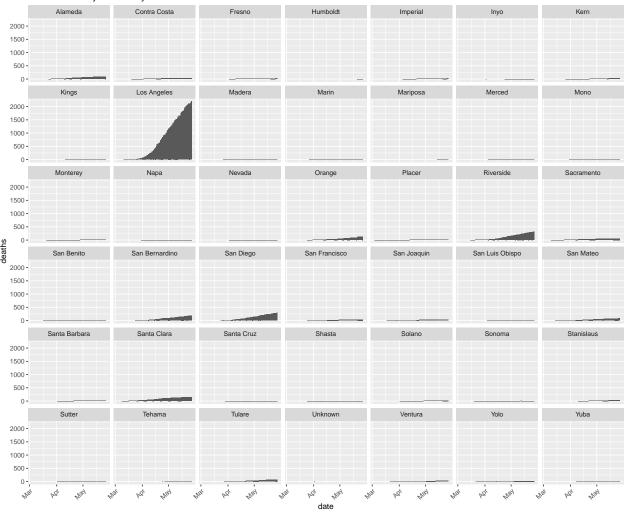
## Warning: Removed 1 rows containing missing values (geom\_col).



date

### California Counties - Deaths





# Covid Deaths by CA County - log(2) Contra Costa Alameda Fresno 2048 = 1024 = 512 = 256 = 128 = 64 = 32 = 16 = 8 = 4 = 2 = Los Angeles Madera Kings Monterey Napa

