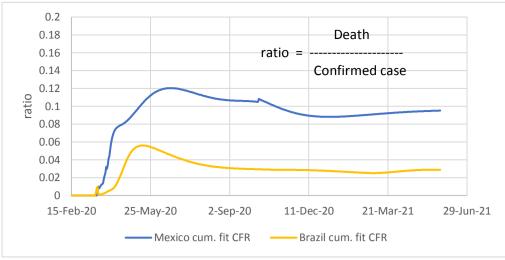
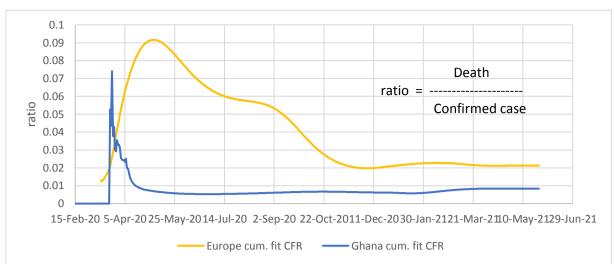
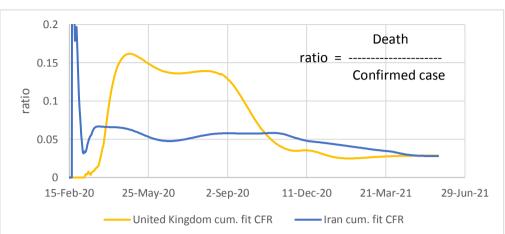
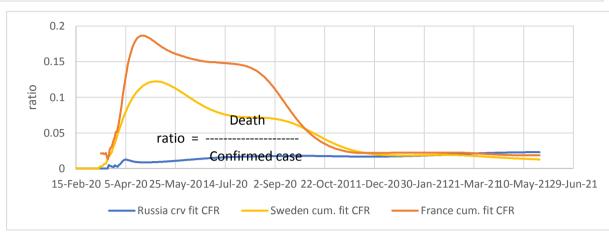
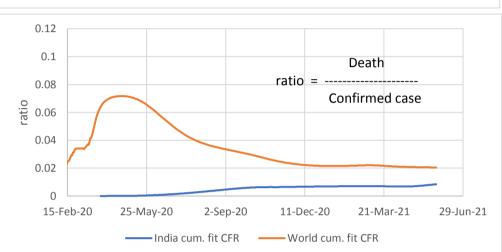
## Experimental page: ratios of curve fit deaths to curve fit confirmed cases (CFR)

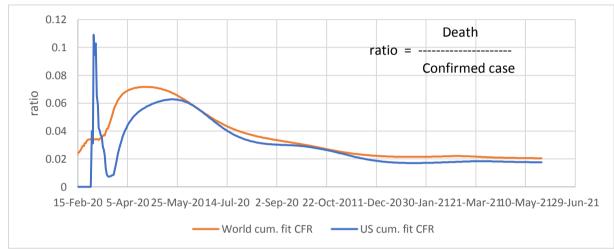




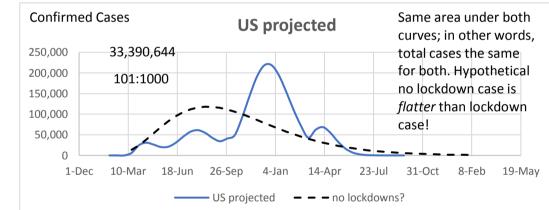




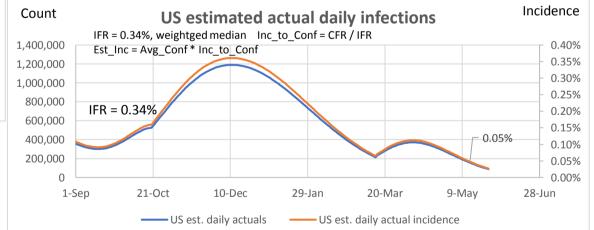




## Excess deaths as a Z score:



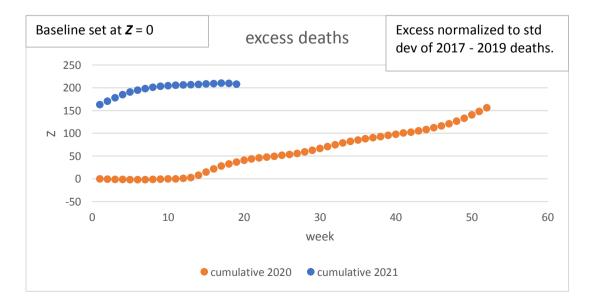




Data in recent weeks are incomplete. Only 60% of death records are submitted to NCHS within 10 days of the date of death, and completeness varies by jurisdiction. Data are not weighted and counts are likely

What follows is cumulative plot of same.

## False Positives Demonstration

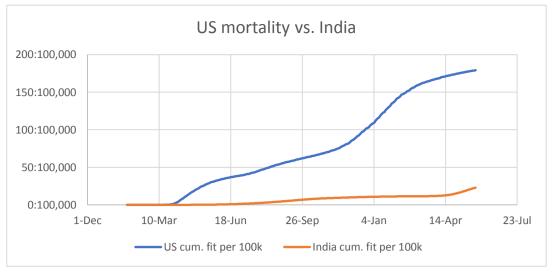


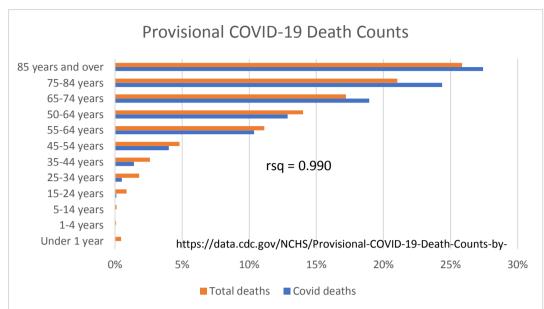
Use 0.04% from US est. incidence above as estimated daily incidence *Prevalence* estimated as avg. infected period of 2 weeks X incidence

	99% accuracy o	f test		0.04% X 14 = 0.560%
	Positive	Negative		
test pos	0.554%	0.994%	1.55%	
test neg	0.006%	98.446%	<u>98.45%</u>	
	0.560%	99 440%	100.00%	

Counter-act this tendency by increasing test sensitivity. However this may increase false negatives, the recipients of which may be positive, think they're negative, and go spread it around some more.

https://data.cdc.gov/NCHS/Excess-Deaths-Associated-with-COVID-19/xkkf-xrst/data





## **USA Excess Deaths (from CDC data):**

Annualized on 52 weeks

		All Cause	All Cause, excl. CV19	CV19
3	yr average before 2020	859:100,000	859:100,000	-
	2020	1017:100,000	905:100,000	-
	Diff.	157:100,000	46:100,000	111:100,000

3 yr average 859:100.000

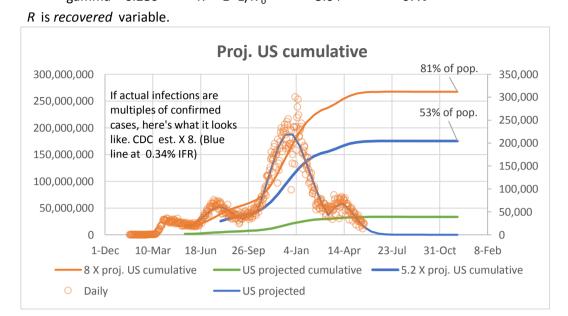
29% of All-Cause excess deaths are non-CV19

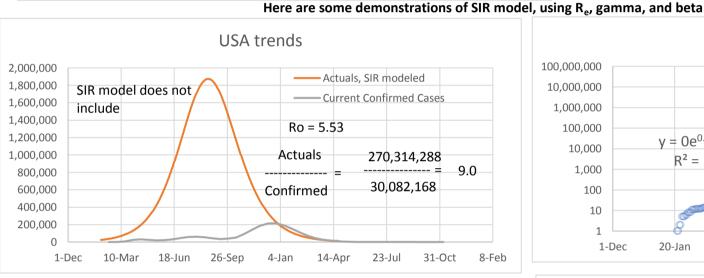
https://data.cdc.gov/NCHS/Excess-Deaths-Associated-with-COVID-19/xkkf-xrst/data

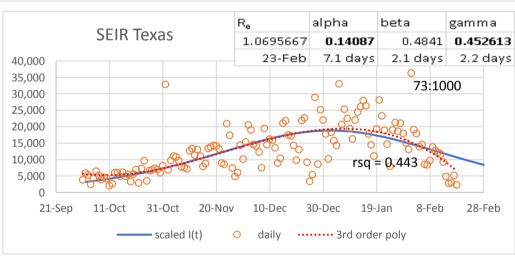
K = 0.318  $R_o$ : R:

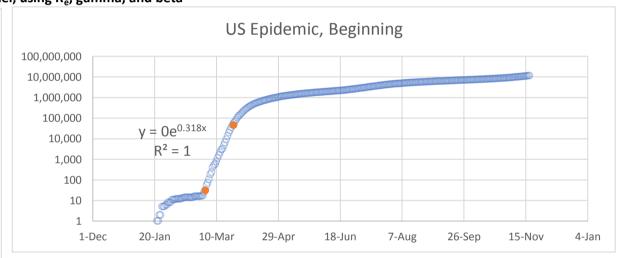
gamma = 0.171  $R_o = \exp(K/\text{gamma}) = 6.42$  84%

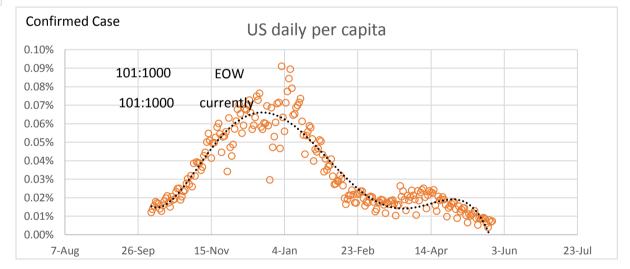
gamma = 0.286  $R > 1 - 1/R_o = 3.04$  67%

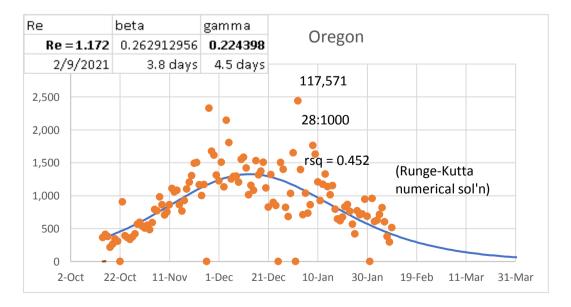


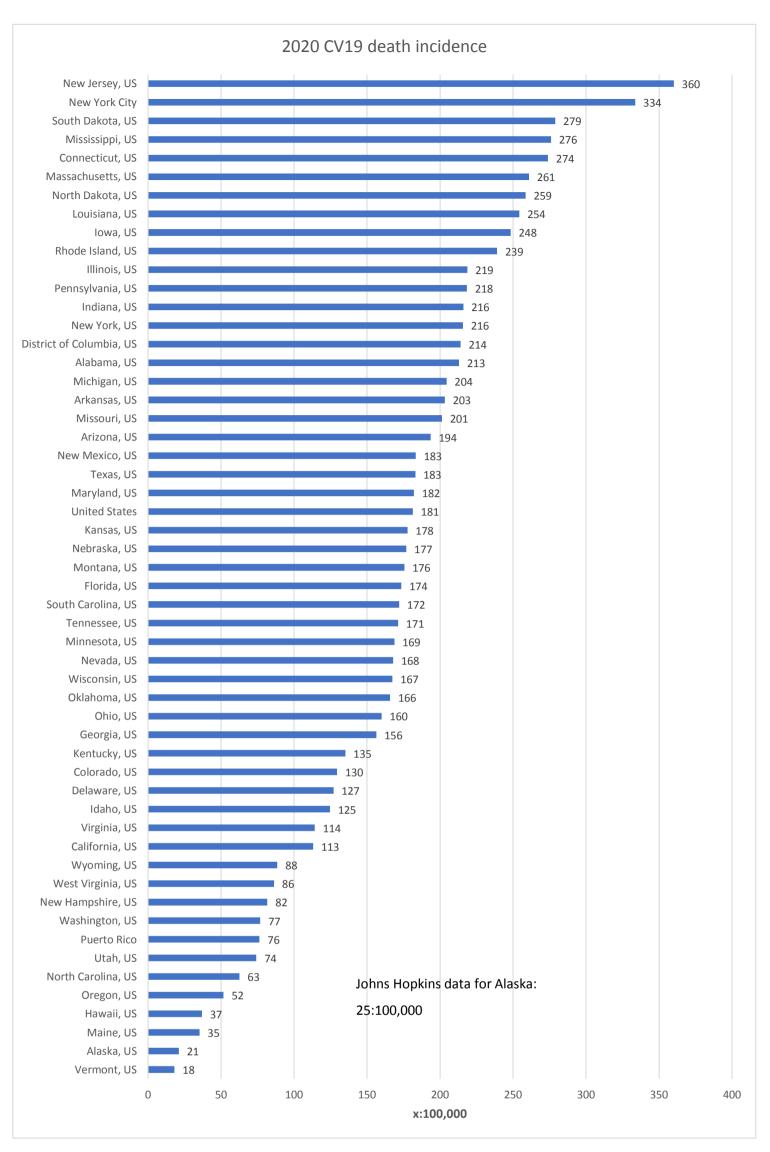












https://data.cdc.gov/NCHS/Weekly-Counts-of-Deaths-by-State-and-Select-Causes/muzy-jte6/data