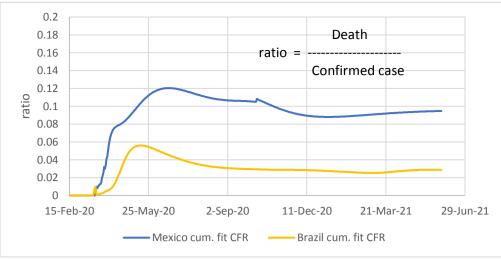
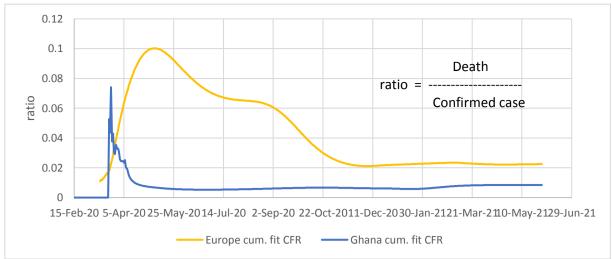
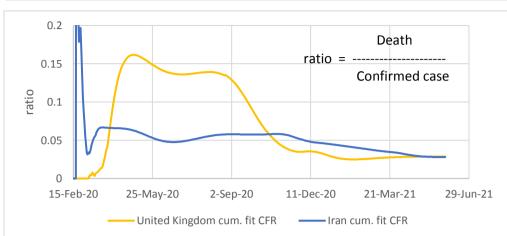
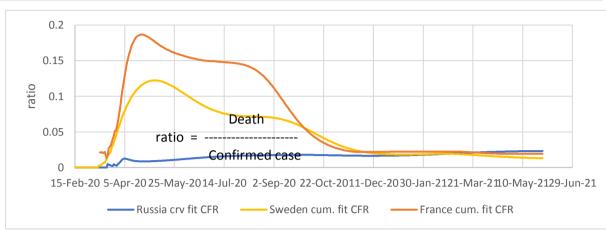
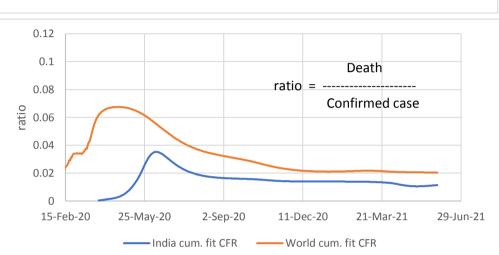
## Experimental page: ratios of curve fit deaths to curve fit confirmed cases (CFR)

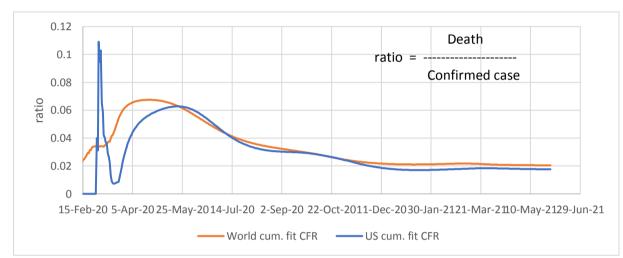




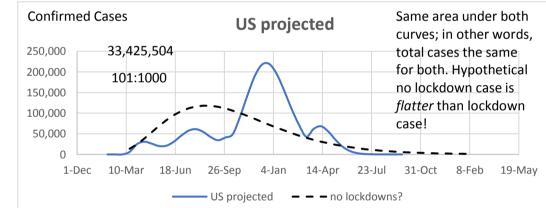


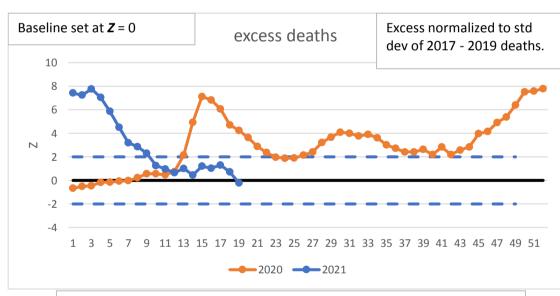


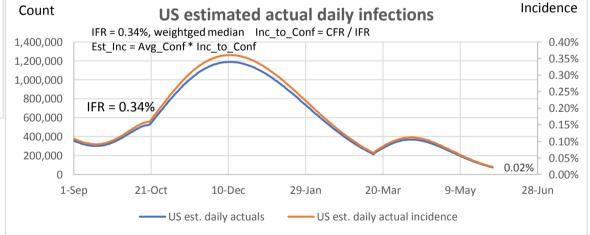




## Excess deaths as a Z score:







 $0.04\% \times 14 = 0.560\%$ 

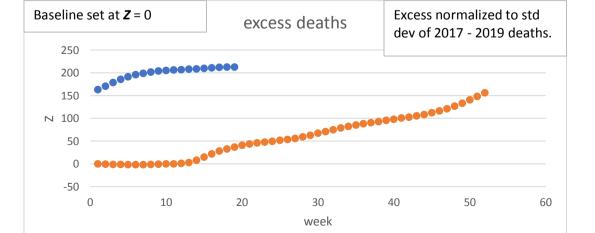
What follows is cumulative plot of same. Data in recent weeks are incomplete. Only 60% of death records are

submitted to NCHS within 10 days of the date of death, and completeness

varies by jurisdiction. Data are not weighted and counts are likely

Above based on Z score of three year standard deviation from 2017-2019.

**False Positives Demonstration** 



cumulative 2020cumulative 2021

Use 0.04% as estimated daily incidence Prevalence estimated as avg. infected period of 2 weeks X incidence

Positive Negative test pos 0.554% 0.994% 1.55% test neg 0.006% 98.446% 98.45% 0.560% 99.440% 100.00%

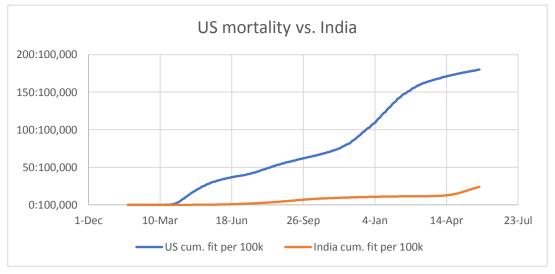
99% accuracy of test

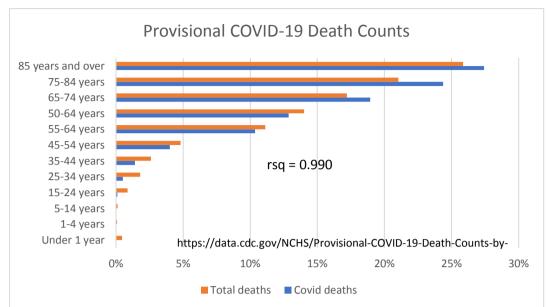
False pos. is more than half of total positives. 0.554%/1.55% TRUE +

35.8% FALSE + 0.994%/1.55% 64.2% Total 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

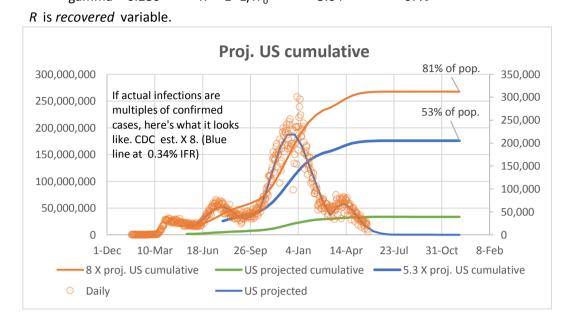
29% of All-Cause excess deaths are non-CV19

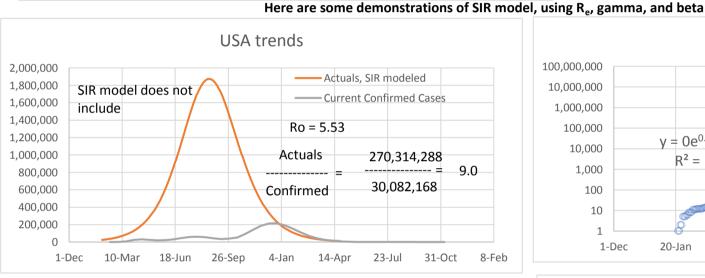
https://data.cdc.gov/NCHS/Excess-Deaths-Associated-with-COVID-19/xkkf-xrst/data

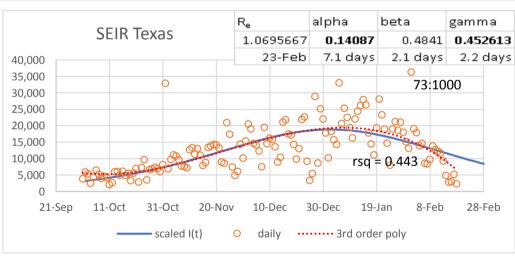
K = 0.318  $R_o$ : R:

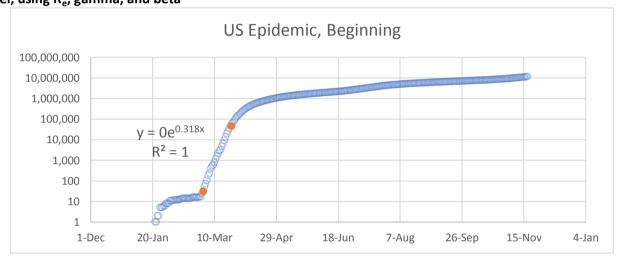
gamma = 0.171  $R_o = \exp(K/\text{gamma}) = 6.42$  84%

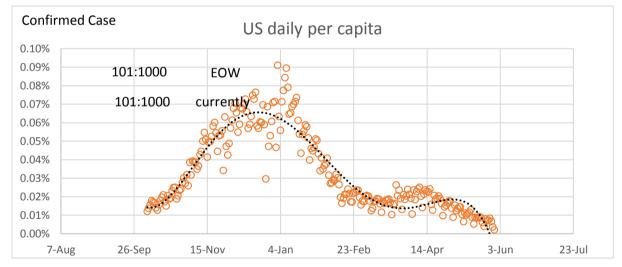
gamma = 0.286  $R > 1 - 1/R_o = 3.04$  67%

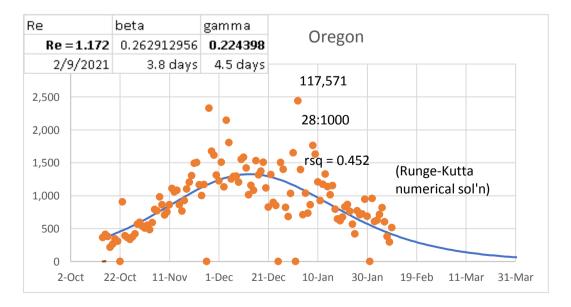


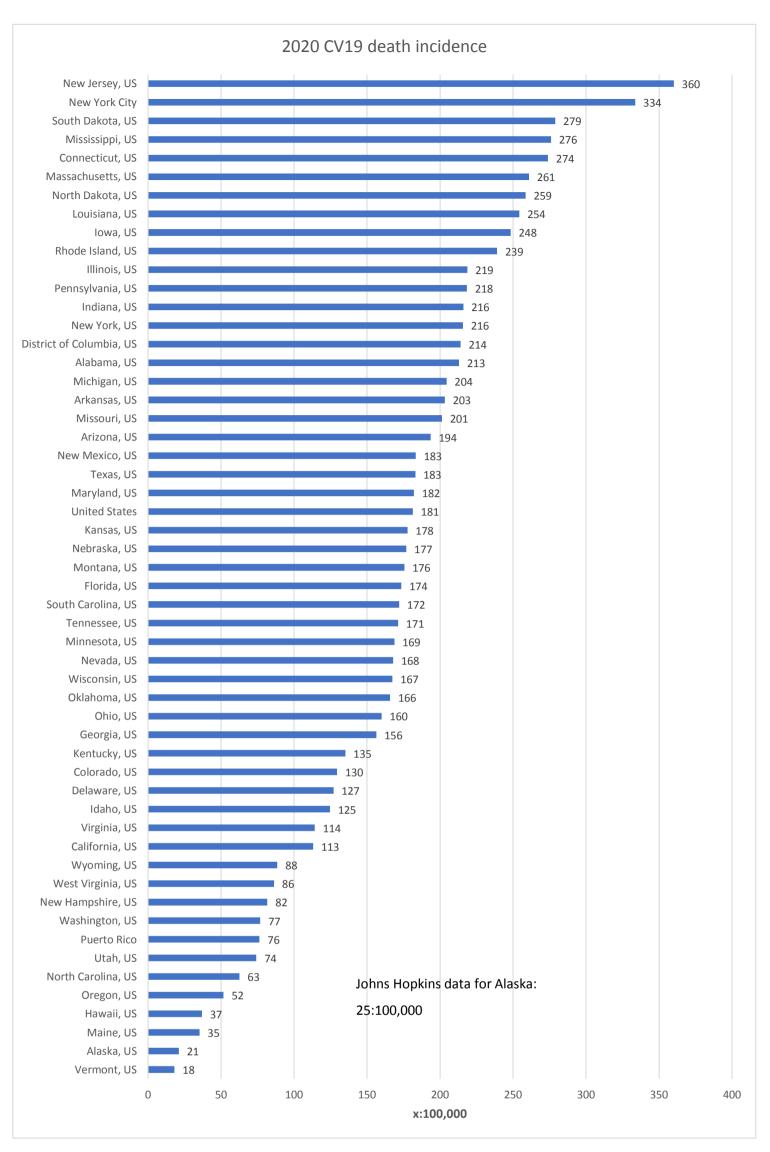












https://data.cdc.gov/NCHS/Weekly-Counts-of-Deaths-by-State-and-Select-Causes/muzy-jte6/data