## Here are the statistically significant facts I've discovered from my own analysis:

* 23% of the variability in the cumulative deaths of countries (but not states) can be explained by the average temperature
* Half the variability in the initial death rush can be explained by lived density
* It's inconclusive whether the earliness of lockdown has any effect on the cumulative deaths (okay, not statistically significant :-/)

The best forecast is the real-time R0 estimation, which uses a Bayesian approach with a Gaussian-noise (Poisson distribution) process model for the posteriors. The grey band is the highest density intervals.

Notice there is a lot of wiggle for the high-density states and none for the low ones. I guess they can cozy up and then snub each other in turn? (I now suspect that it's just an artifact of slow-reporting data sources.) Here's the roundup of all the states sorted by their maximum likelihood:

and sorted by the high 90% highest density interval:

and sorted by the low 90% highest density interval:

This makes the bad list:

and the good list:

change from week to week.