Wastewater, Model Work

`Marlin derived from work by Brian Yandell

The code was derived from work by the DSI. This analysis seeks to model % of tests positive using wastewater Data. This model has logical reasons to be predictive but only finds moderate success when broken down by collection site. Particularly it consistently underpredicts the % positive rate in the P2 district.  
The Original R code file can be found in the [pandemic github repository](https://github.com/UW-Madison-DataScience/pandemic/blob/master/wastewater.Rmd).  
The Code for this R File can be found in the [Marlin Lee waste Water Work](https://github.com/MarlinRLee/Covid-Waste-Water-Exploration/blob/main/general%20model%20finding.Rmd)

## # A tibble: 42 x 5  
## Date sumSC2 sumPMMoV SC2Mass PMMoVMass  
## <dttm> <dbl> <dbl> <dbl> <dbl>  
## 1 2020-09-28 00:00:00 387229. 2048736765. 295290. 1654090484.  
## 2 2020-09-29 00:00:00 1554196. 1375843339. 721492. 1289886934.  
## 3 2020-10-05 00:00:00 2210216. 1339613312. 1724795. 1655014408.  
## 4 2020-10-06 00:00:00 1741027. 1098706876. 2958387. 1456557343.  
## 5 2020-10-12 00:00:00 3021376. 1349655142. 2508044. 1220429236.  
## 6 2020-10-13 00:00:00 2964199. 1490161381. 2057780. 1240014963.  
## 7 2020-10-19 00:00:00 880536. 1060603214. 508784. 1060782979.  
## 8 2020-10-20 00:00:00 577148. 931146504. 420870. 1132175513.  
## 9 2020-10-26 00:00:00 497382. 805042744. 897119. 288074276.  
## 10 2020-10-27 00:00:00 752864. 723092968. 738059. 520120675.  
## # ... with 32 more rows

