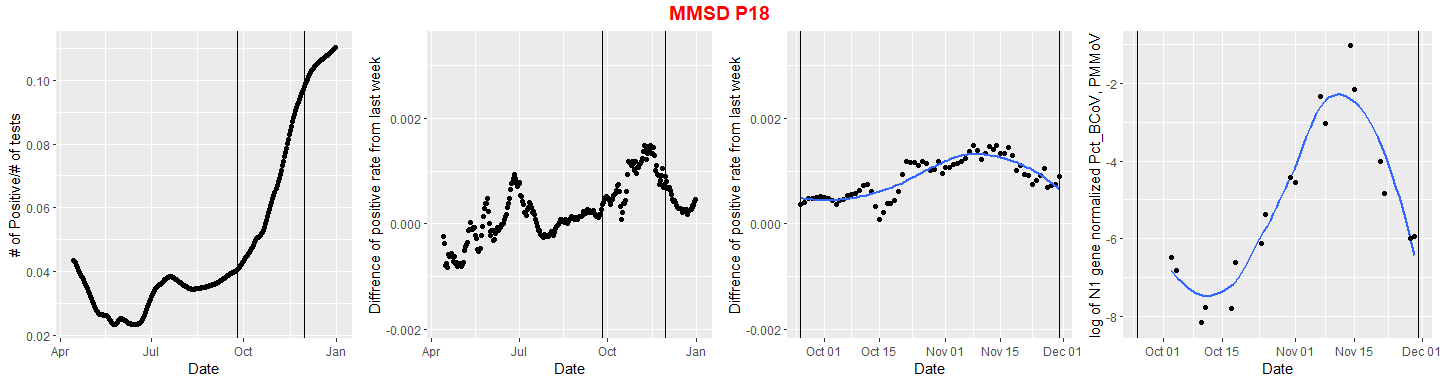
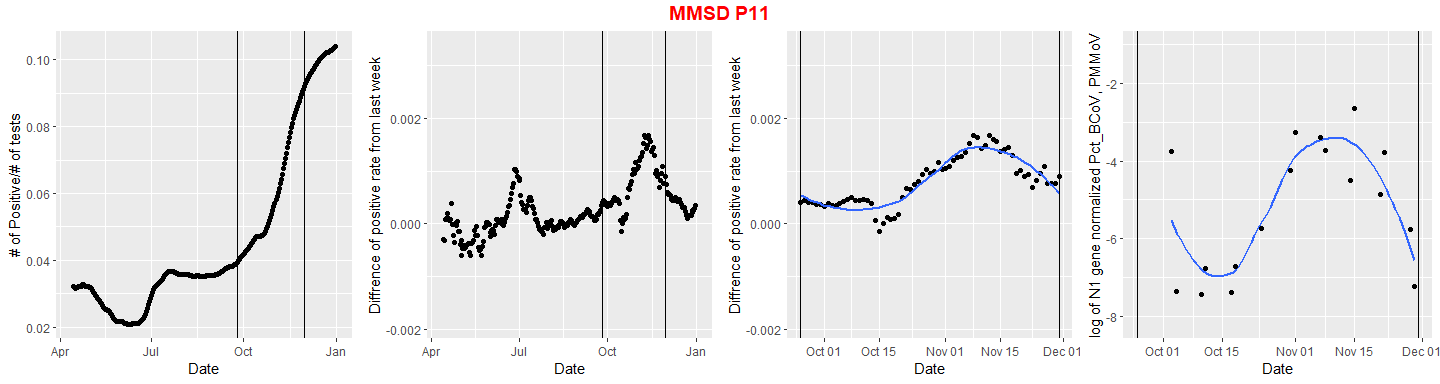
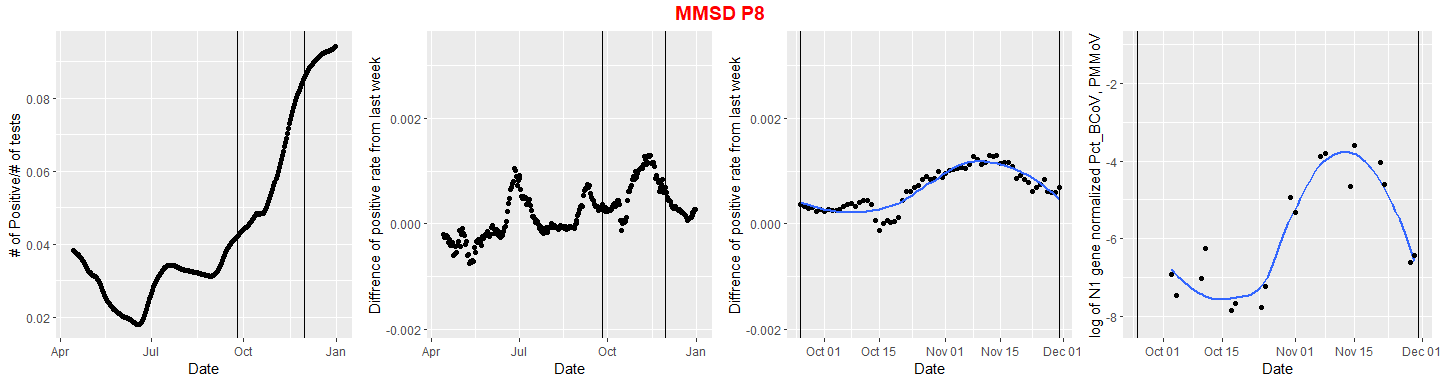
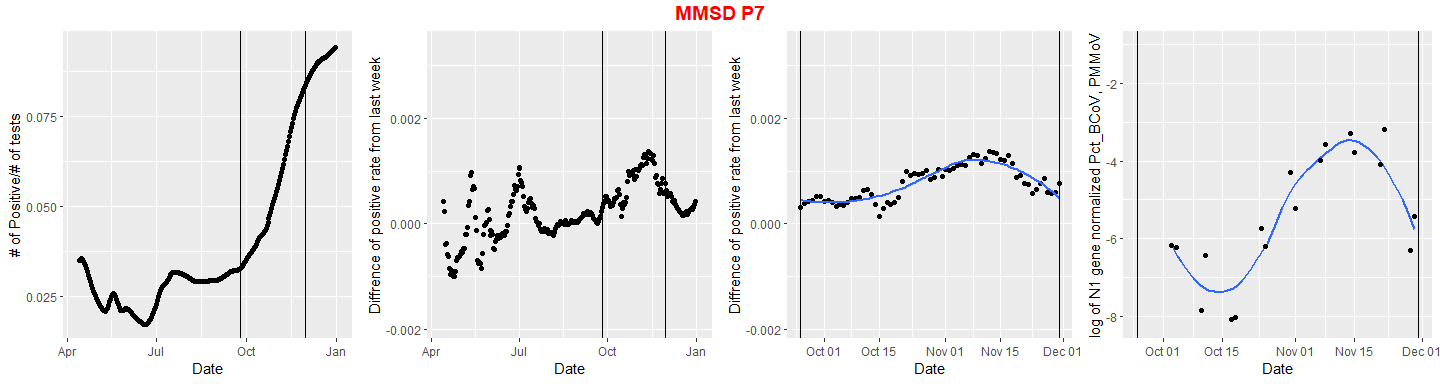
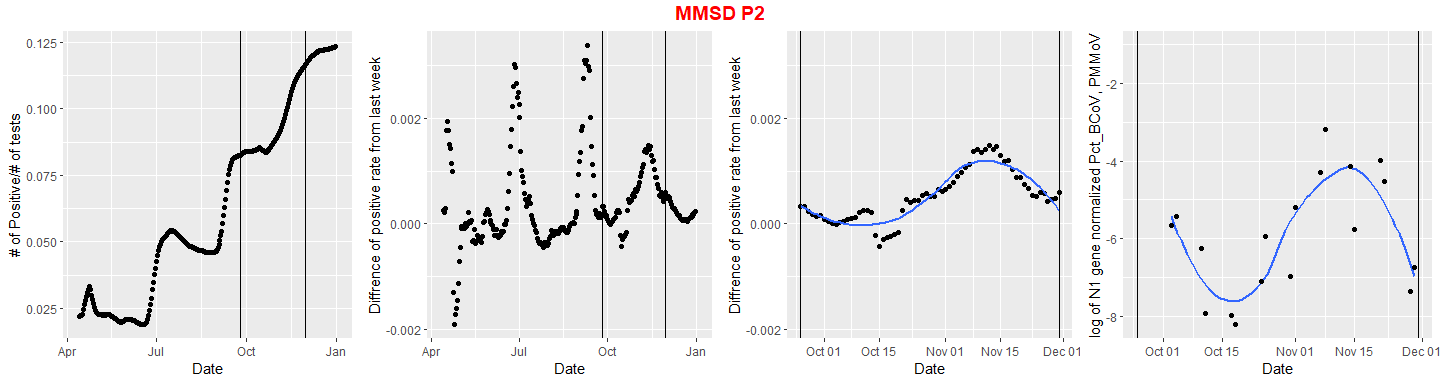
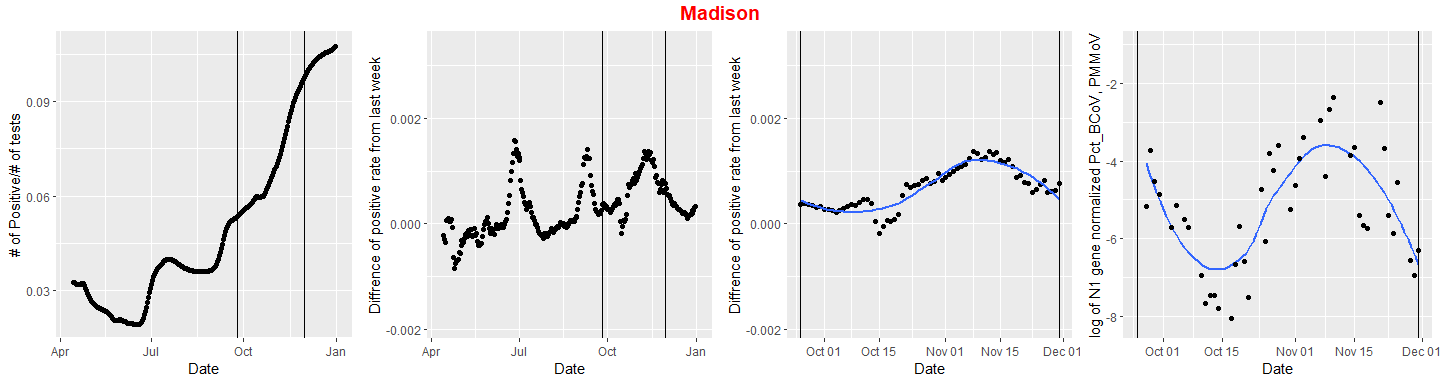
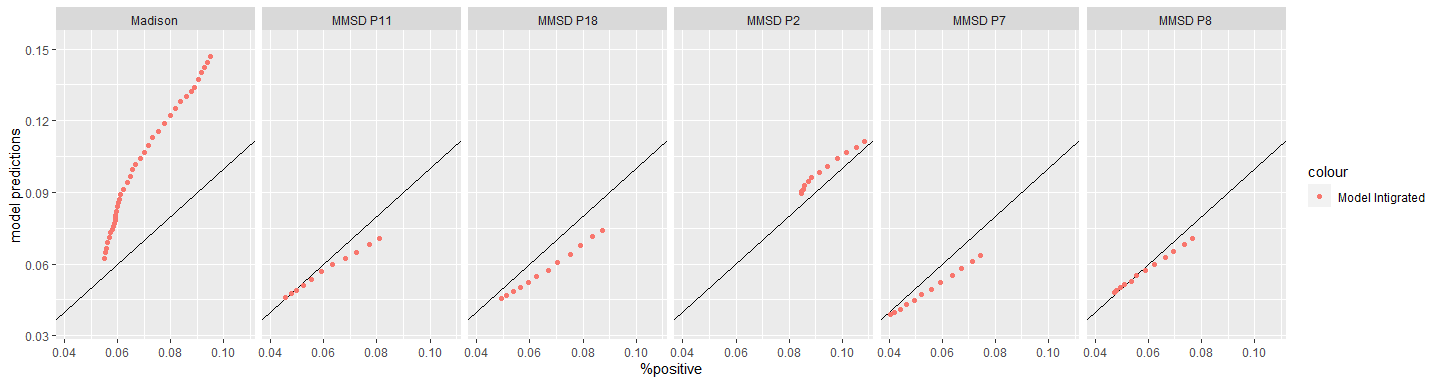
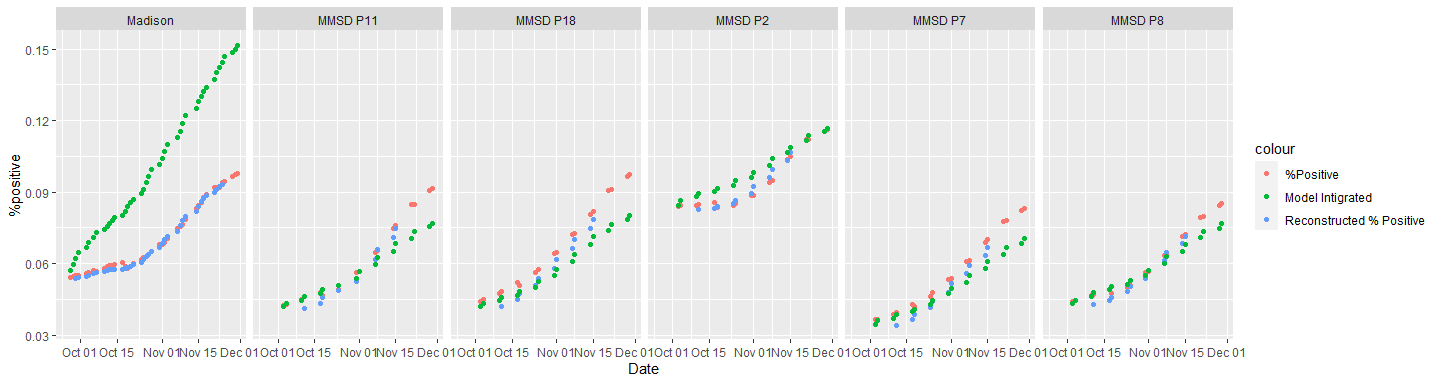
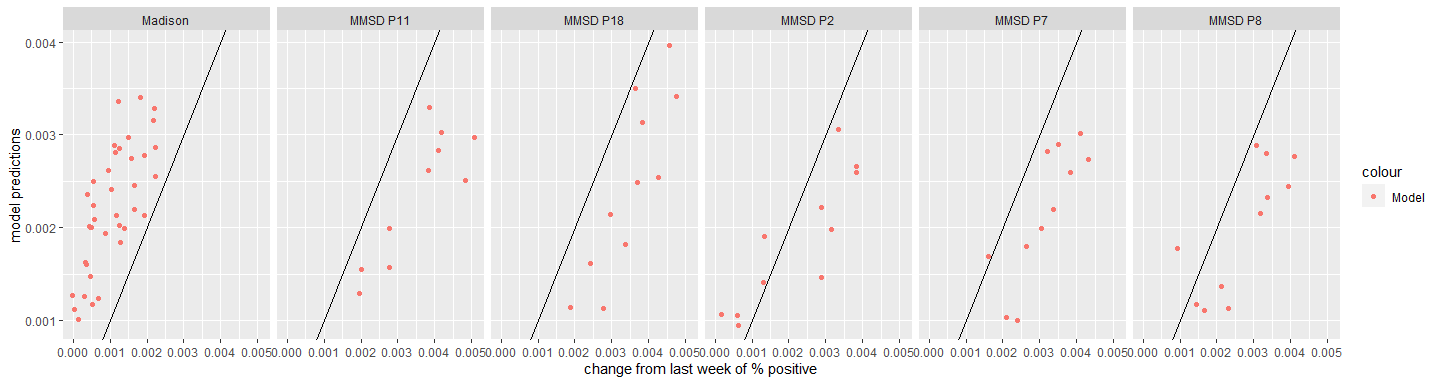
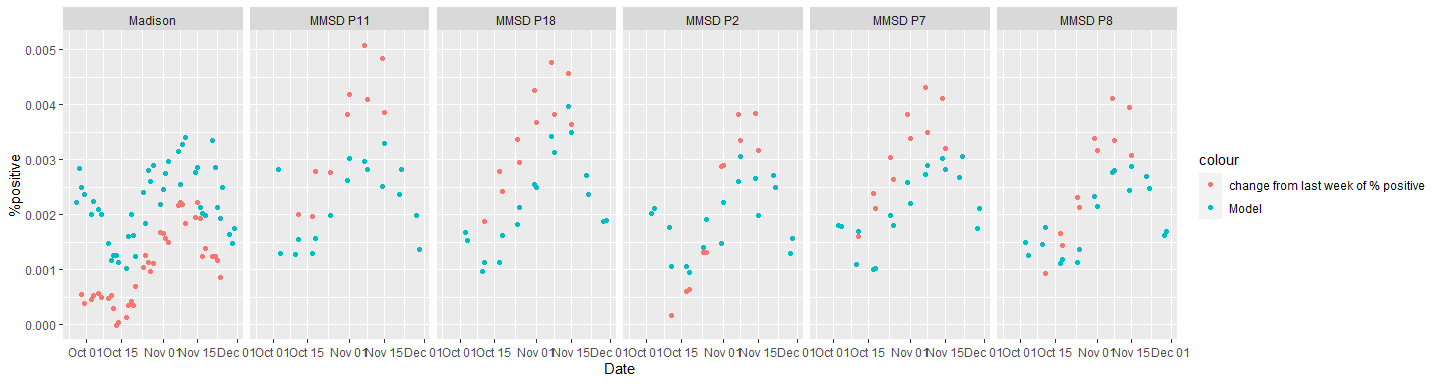
Wastewater, Total\_Flow

`Marlin derived from work by Brian Yandell

The code was derrived from work by the DSI.  
The Original R code file can be found in the [pandemic github repository](https://github.com/UW-Madison-DataScience/pandemic/blob/master/wastewater.Rmd).



##   
## Call:  
## lm(formula = der ~ Model, data = modelData)  
##   
## Coefficients:  
## (Intercept) Model   
## 0.00440 0.00042



R^2 for the model

## # A tibble: 6 x 2  
## Site R2  
## <chr> <dbl>  
## 1 Madison 0.990  
## 2 MMSD P11 0.984  
## 3 MMSD P18 0.990  
## 4 MMSD P2 0.985  
## 5 MMSD P7 0.989  
## 6 MMSD P8 0.989

R^2 for the integrated model

## # A tibble: 6 x 2  
## Site R20  
## <chr> <dbl>  
## 1 Madison -5.73   
## 2 MMSD P11 0.800  
## 3 MMSD P18 0.472  
## 4 MMSD P2 0.445  
## 5 MMSD P7 0.632  
## 6 MMSD P8 0.910