CaseRegression
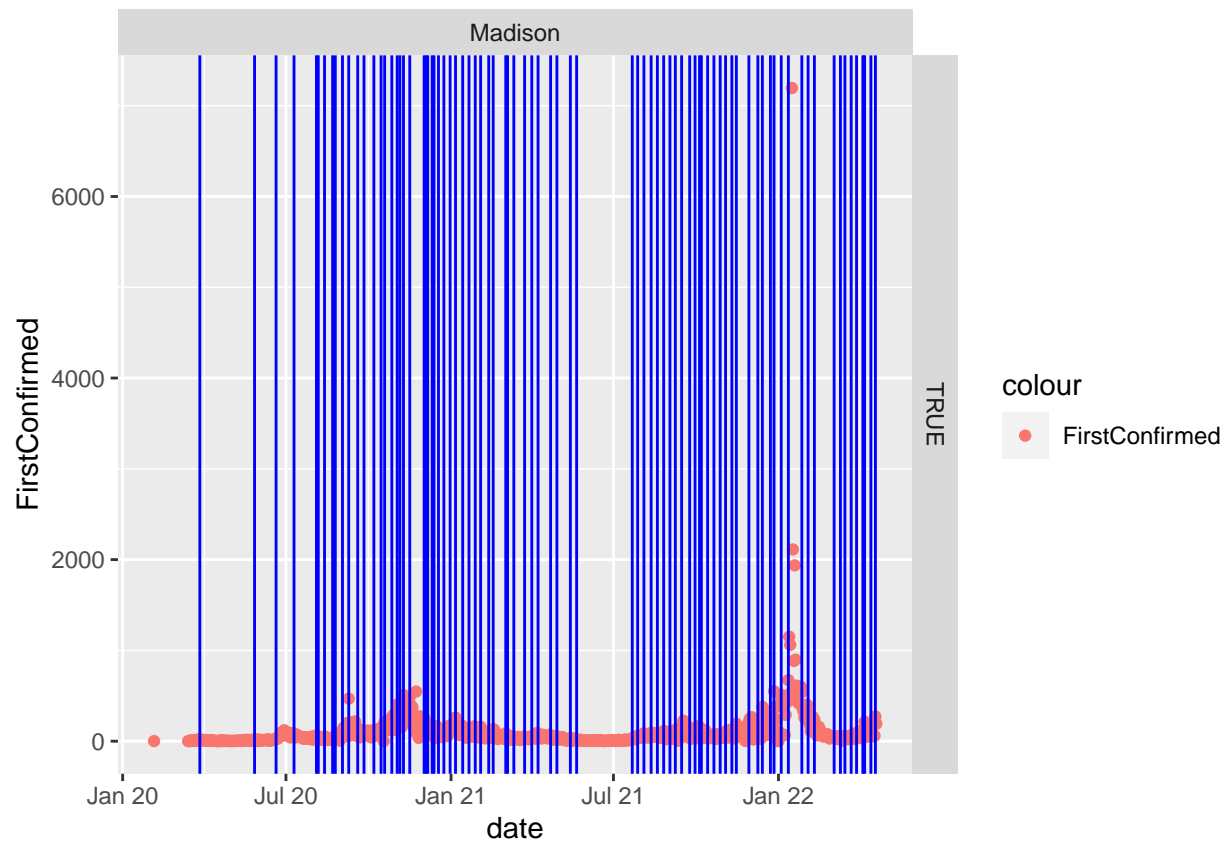
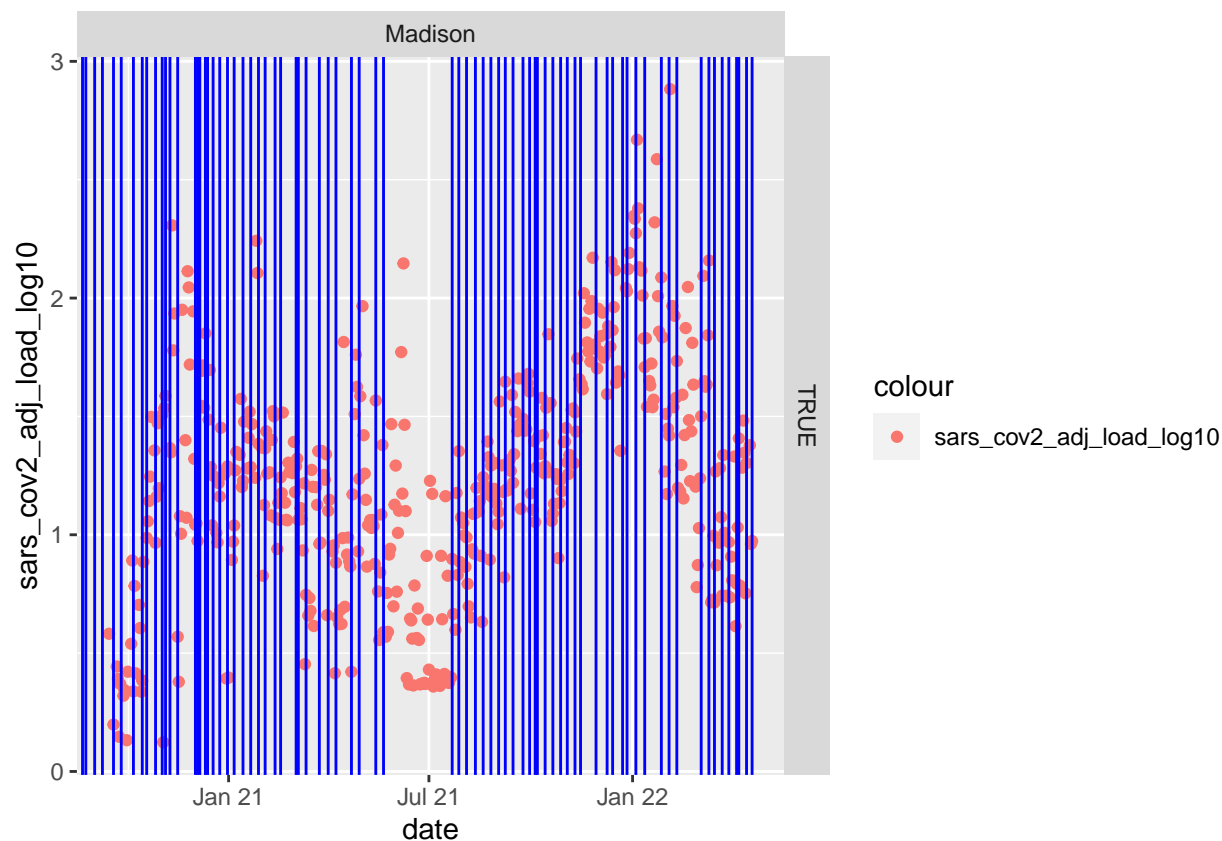## Marlin

2022-07-27

```
## [1] "Madison"                "FirstConfirmed.Per100K"
```

```
## # A tibble: 34 x 10
##    WWTP    date       popul~1 n1_sa~2 n2_sa~3 avera~4 geoMean sars_~5     n quint
##    <chr>   <date>       <dbl>   <dbl>   <dbl>   <dbl>   <dbl>   <dbl> <int> <dbl>
##  1 Algom~ 2020-10-06    3171   10000   16500   0.498  1.28e4   0.305    34 NA
##  2 Algom~ 2020-10-13    3171   52846   55955   0.499  5.44e4   0.932    34 NA
##  3 Algom~ 2020-10-20    3171   40090   16500   0.402  2.57e4   0.513    34  2.08
##  4 Algom~ 2020-10-27    3171  183437  165726   0.67   1.74e5   1.57     34  2.08
##  5 Algom~ 2020-11-03    3171 1574735 1896871   0.489  1.73e6   2.43     34  2.08
##  6 Algom~ 2020-11-10    3171  267387  232507   0.463  2.49e5   1.56     34  2.08
##  7 Algom~ 2020-11-17    3171   75686  125985   0.76   9.76e4   1.37     34  2.18
##  8 Algom~ 2020-11-24    3171  209814  235780   0.533  2.22e5   1.57     34  1.73
##  9 Algom~ 2020-12-01    3171  443628  375413   0.515  4.08e5   1.82     34  1.73
## 10 Algom~ 2020-12-08    3171  264854  277608   0.471  2.71e5   1.61     34  1.73
## # ... with 24 more rows, and abbreviated variable names 1: population_served,
## #   2: n1_sars_cov2_conc, 3: n2_sars_cov2_conc, 4: average_flow_rate,
## #   5: sars_cov2_adj_load_log10
## # i Use `print(n = ...)` to see more rows


## # A tibble: 34 x 9
##    WWTP         date       popula~1 n1_sa~2 n2_sa~3 avera~4 geoMean sars_~5     n
##    <chr>        <date>        <dbl>   <dbl>   <dbl>   <dbl>   <dbl>   <dbl> <int>
##  1 Algoma WWTF 2020-10-06     3171   10000   16500   0.498  1.28e4   0.305    34
##  2 Algoma WWTF 2020-10-13     3171   52846   55955   0.499  5.44e4   0.932    34
##  3 Algoma WWTF 2020-10-20     3171   40090   16500   0.402  2.57e4   0.513    34
##  4 Algoma WWTF 2020-10-27     3171  183437  165726   0.67   1.74e5   1.57     34
```

```
##  5 Algoma WWTF 2020-11-03       3171 1574735 1896871   0.489  1.73e6   2.43     34
##  6 Algoma WWTF 2020-11-10       3171  267387  232507   0.463  2.49e5   1.56     34
##  7 Algoma WWTF 2020-11-17       3171   75686  125985   0.76   9.76e4   1.37     34
##  8 Algoma WWTF 2020-11-24       3171  209814  235780   0.533  2.22e5   1.57     34
##  9 Algoma WWTF 2020-12-01       3171  443628  375413   0.515  4.08e5   1.82     34
## 10 Algoma WWTF 2020-12-08       3171  264854  277608   0.471  2.71e5   1.61     34
## # ... with 24 more rows, and abbreviated variable names 1: population_served,
## #   2: n1_sars_cov2_conc, 3: n2_sars_cov2_conc, 4: average_flow_rate,
## #   5: sars_cov2_adj_load_log10
## # i Use ‘print(n = ...)‘ to see more rows
```