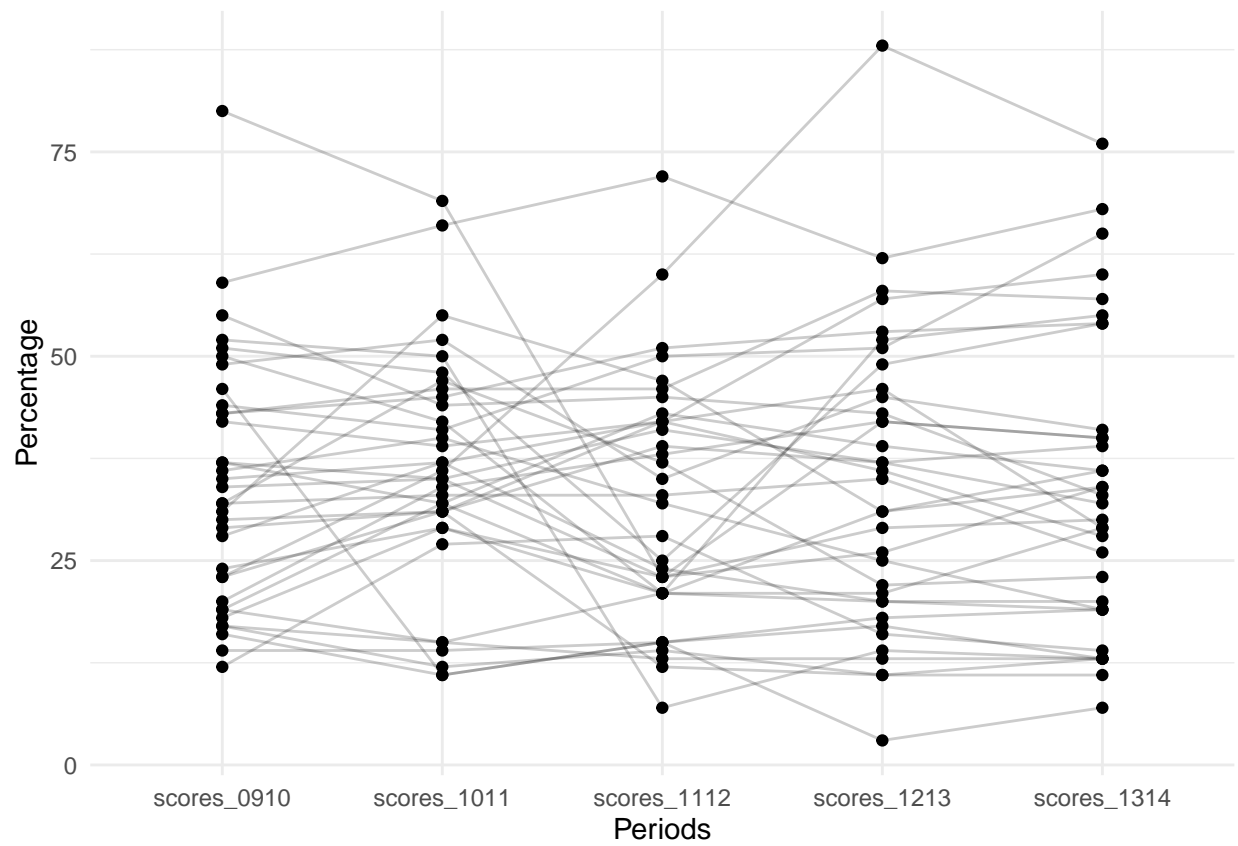


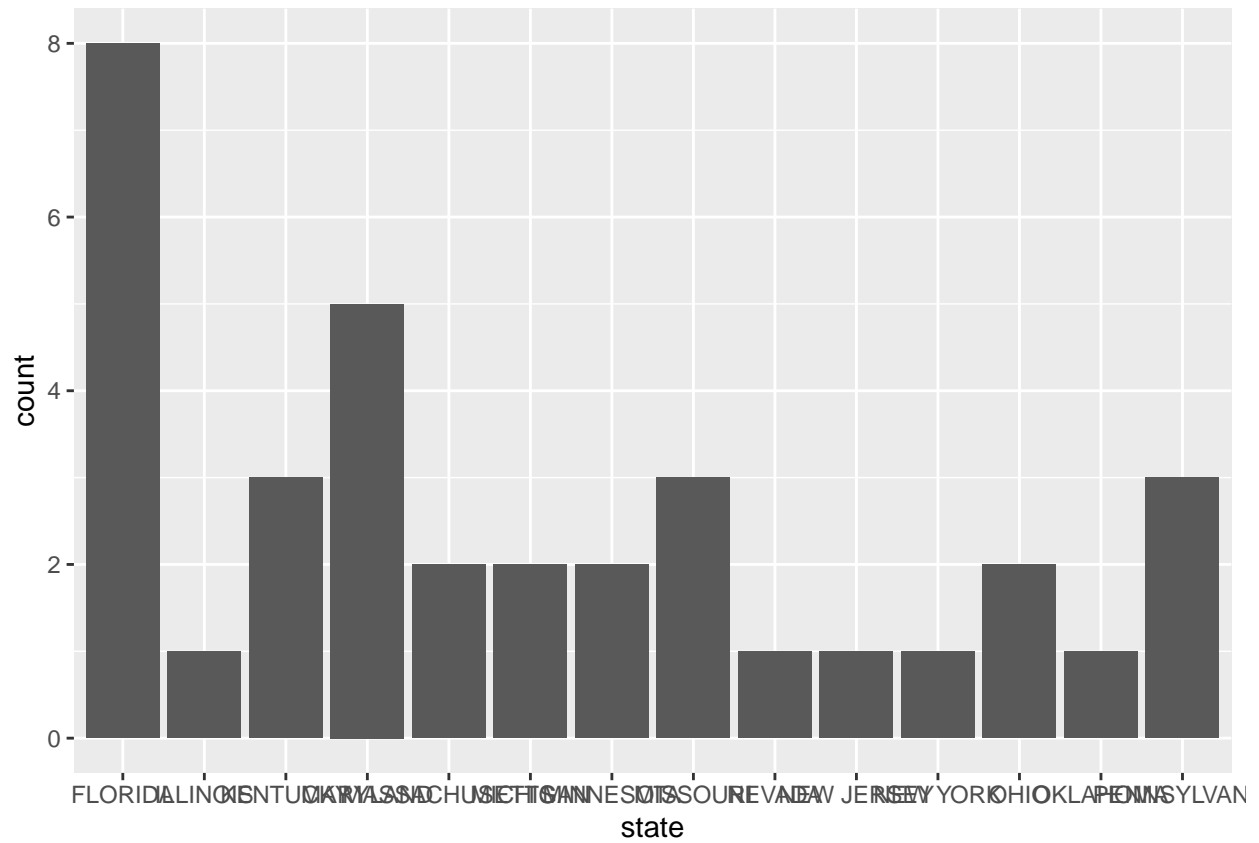
Education in USA

Ke-li Chiu, Sharon Allman & Diego Mamanche Castellanos

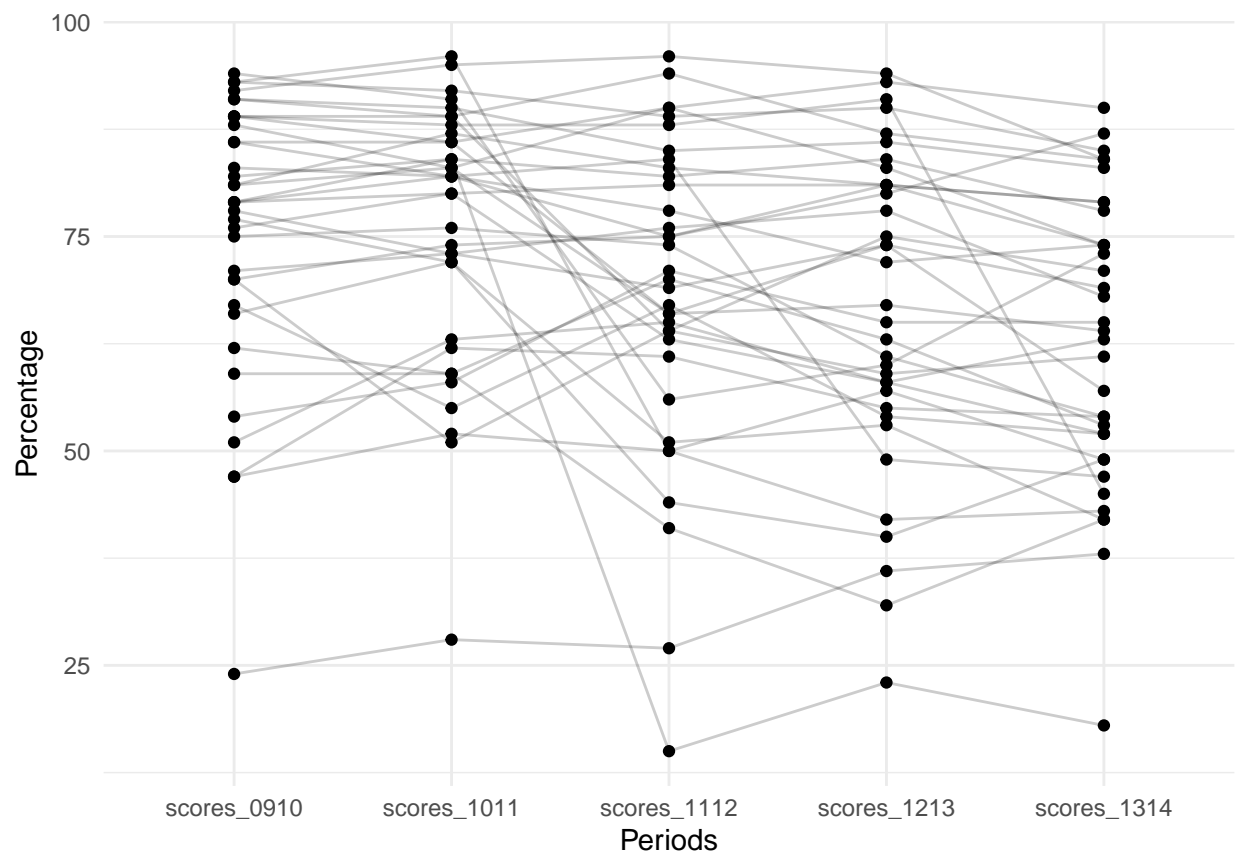
11/03/2020

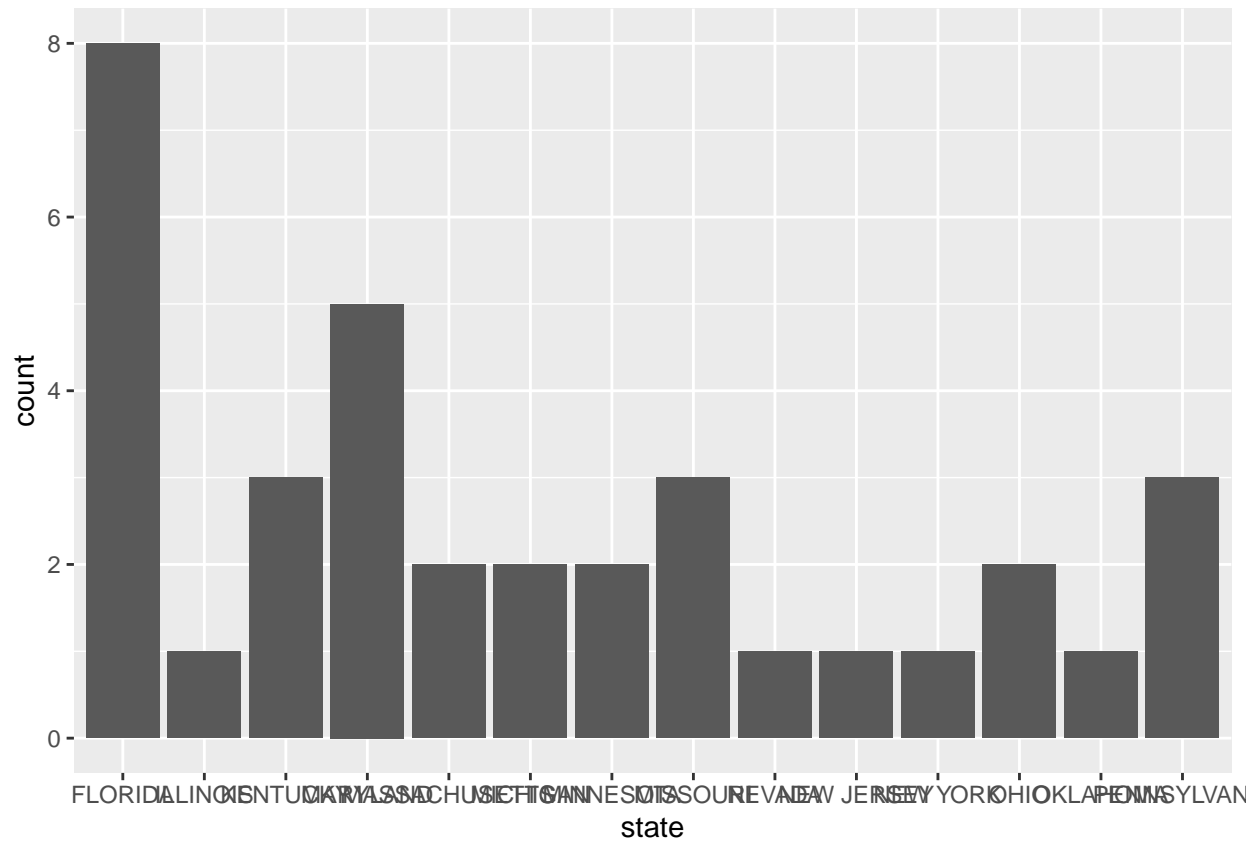
```
## Warning: attributes are not identical across measure variables; they will  
## be dropped
```

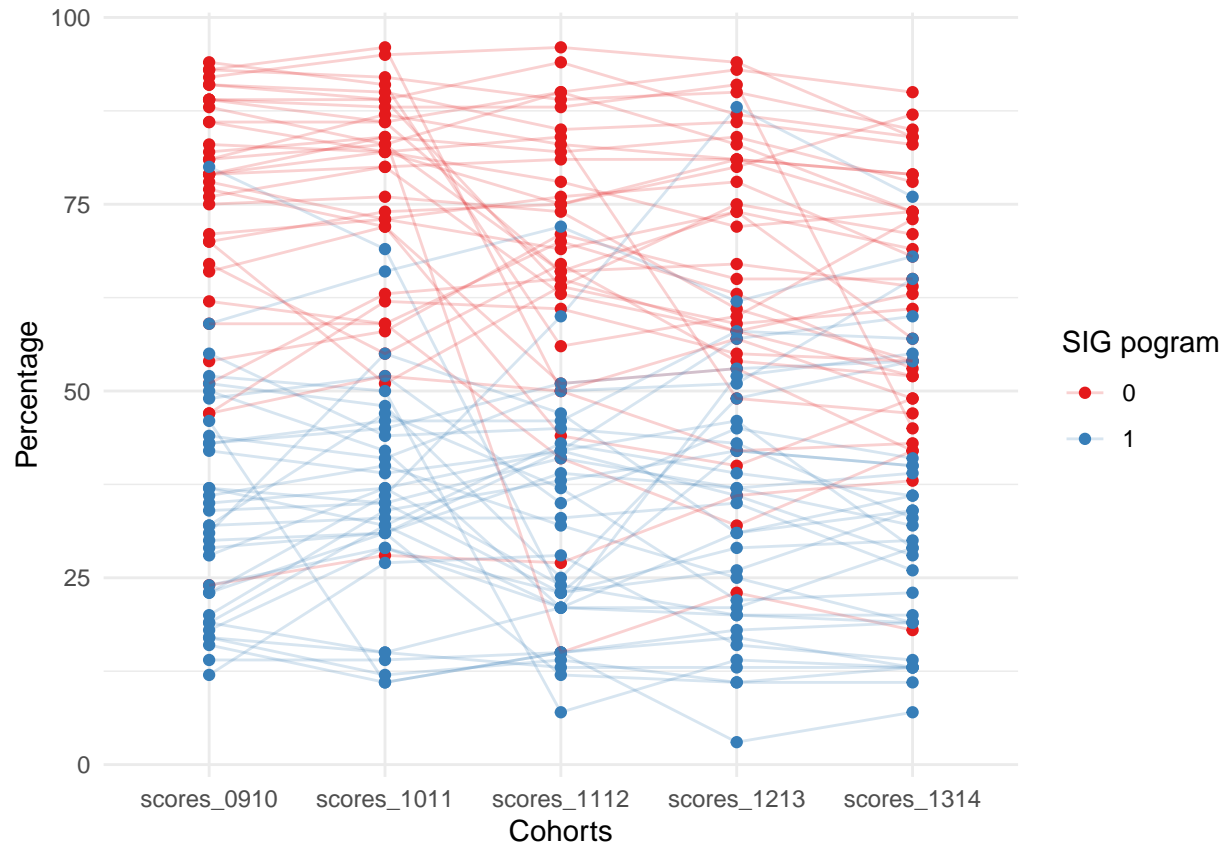




```
## Warning: attributes are not identical across measure variables; they will
## be dropped
```







```
##
## Call:
## lm(formula = percentage ~ sig_program * cohort, data = cohort1)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -51.400  -8.907   1.429  10.600  45.800
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)      75.4000     2.5736  29.297  <2e-16 ***
## sig_program1     -41.2000     3.6397 -11.320  <2e-16 ***
## cohort1           0.4857     3.6397   0.133   0.894
## sig_program1:cohort1  1.0571     5.1473   0.205   0.838
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 15.23 on 136 degrees of freedom
## Multiple R-squared:  0.6476, Adjusted R-squared:  0.6398
## F-statistic: 83.31 on 3 and 136 DF, p-value: < 2.2e-16

##
## Call:
## lm(formula = percentage ~ sig_program * cohort, data = cohort3)
##
```

```

## Residuals:
##      Min       1Q   Median       3Q      Max
## -53.571 -11.879   0.571  13.300  53.714
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)      68.571      2.977  23.035 < 2e-16 ***
## sig_program1     -36.686      4.210  -8.714 8.92e-15 ***
## cohort1          -1.829      4.210  -0.434  0.665
## sig_program1:cohort1  4.229      5.954   0.710  0.479
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 17.61 on 136 degrees of freedom
## Multiple R-squared:  0.4989, Adjusted R-squared:  0.4878
## F-statistic: 45.13 on 3 and 136 DF,  p-value: < 2.2e-16

##
## Call:
## lm(formula = percentage ~ sig_program * cohort, data = cohort4)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -44.86 -13.77   0.20  14.26  53.71
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)      66.743      3.029  22.034 < 2e-16 ***
## sig_program1     -32.457      4.284  -7.577 4.92e-12 ***
## cohort1          -3.886      4.284  -0.907  0.366
## sig_program1:cohort1  3.314      6.058   0.547  0.585
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 17.92 on 136 degrees of freedom
## Multiple R-squared:  0.4339, Adjusted R-squared:  0.4214
## F-statistic: 34.74 on 3 and 136 DF,  p-value: < 2.2e-16

```