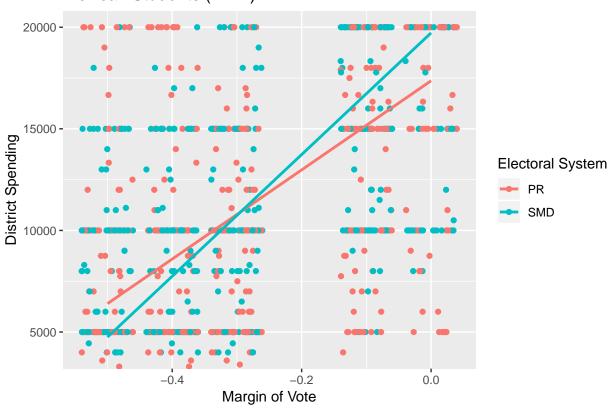
American, Mexican-DATA

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Mexican Students (ITAM)



```
##
## Call:
## lm(formula = value ~ variable, data = InstitutionTypeSubSet$SMD)
##
## Coefficients:
   (Intercept)
                   variable
##
##
         19721
                      29941
##
## Call:
## lm(formula = value ~ variable, data = InstitutionTypeSubSet$PR)
##
## Coefficients:
##
   (Intercept)
                   variable
                      21932
##
         17365
##
## Call:
## lm(formula = value ~ Competitive + Binary_IT + Competitive *
       Binary_IT, data = subdata_12.melt)
##
```

```
        Table 1: Mexican Data

        Competitive
        Stronghold

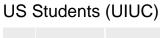
        SMD
        18616.80
        7298.667

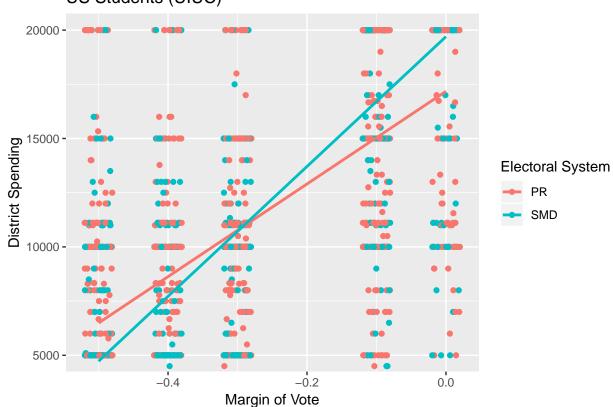
        PR
        16646.85
        8219.560
```

##

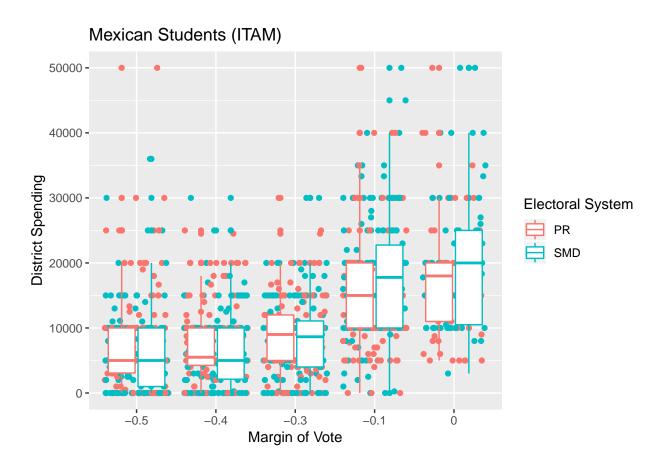
```
## Residuals:
     Min
              1Q Median
                            3Q
                                  Max
## -18617 -5299 -1458
                          3353
                                41780
##
## Coefficients:
                         Estimate Std. Error t value Pr(>|t|)
##
## (Intercept)
                           8219.6
                                       366.3 22.437 < 2e-16 ***
## Competitive
                           8427.3
                                       634.5 13.281 < 2e-16 ***
## Binary IT
                           -920.9
                                       510.9 -1.802 0.07173 .
## Competitive:Binary_IT
                           2890.8
                                       885.0
                                               3.267 0.00112 **
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 7454 on 1274 degrees of freedom
## Multiple R-squared: 0.2871, Adjusted R-squared: 0.2854
## F-statistic:
                 171 on 3 and 1274 DF, p-value: < 2.2e-16
coef(summary(mexico model))
##
                          Estimate Std. Error
                                                t value
                                                            Pr(>|t|)
## (Intercept)
                         8219.5604
                                     366.3415 22.436881 3.162220e-94
## Competitive
                         8427.2850
                                     634.5221 13.281311 8.527904e-38
                                     510.9388 -1.802356 7.172564e-02
## Binary_IT
                         -920.8937
## Competitive:Binary_IT 2890.8474
                                     884.9719 3.266598 1.117467e-03
library(broom)
## Warning: package 'broom' was built under R version 3.5.2
tidy(mexico_model)
## # A tibble: 4 x 5
##
    term
                           estimate std.error statistic p.value
     <chr>
##
                              <dbl>
                                        <dbl>
                                                  <dbl>
                                                           <dbl>
                                         366.
## 1 (Intercept)
                              8220.
                                                  22.4 3.16e-94
## 2 Competitive
                              8427.
                                         635.
                                                  13.3 8.53e-38
                                                  -1.80 7.17e- 2
## 3 Binary IT
                              -921.
                                         511.
## 4 Competitive:Binary_IT
                              2891.
                                         885.
                                                   3.27 1.12e- 3
```

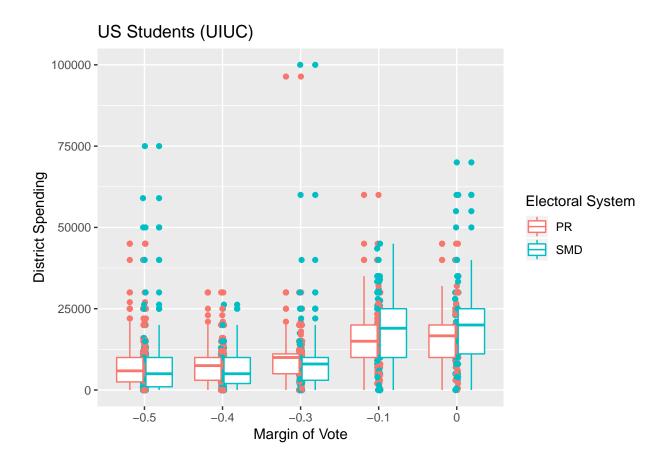
Table 2: American Data		
	Competitive	Stronghold
SMD	18646.23	7248.057
PR	16412.73	8296.289





```
##
## Call:
## lm(formula = District_Spending ~ Competitiveness, data = AMInstitutionTypeSubSet$SMD)
##
##
  Coefficients:
       (Intercept)
                    Competitiveness
##
##
             19700
                               29950
##
  lm(formula = District_Spending ~ Competitiveness, data = AMInstitutionTypeSubSet$PR)
##
##
   Coefficients:
                    Competitiveness
       (Intercept)
##
##
             17178
                               21379
```





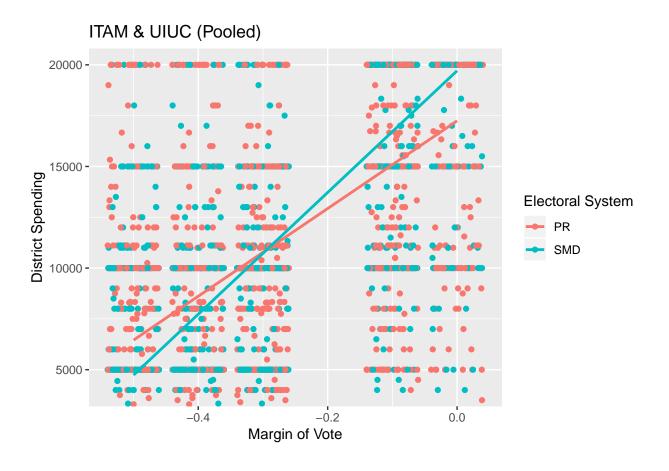


Table 3: ITAM and UIUC (Pooled)

	Competitive	Stronghold
SMD	18634.16	7268.813
PR	16496.00	8268.999



