220 Project

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```
library(readr)
library(tidyverse)

## Warning: package 'tibble' was built under R version 3.5.2

## Warning: package 'tidyr' was built under R version 3.5.2

## Warning: package 'dplyr' was built under R version 3.5.2

library(stargazer)
dat <- read_csv("dat.csv")

## Warning: Missing column names filled in: 'X1' [1]</pre>
```

Clean the data and make model spec. variables

```
head(dat)
## # A tibble: 6 x 62
##
       X1 year congress party district statenam name ngirls nboys totchi
##
     <int> <chr>
                  <int> <int>
                                 <int> <chr>
                                                  <chr> <int> <int>
## 1
        1 1997~
                     105
                           1
                                       1 HAWAII
                                                  ABER~
## 2
        2 1997~
                      105
                                       5 NEW YOR ACKE~
                                                                   2
                                                                          3
                             1
                                                             1
## 3
        3 1997~
                     105
                             2
                                       4 ALABAMA ADER~
                                                             0
                                                                          0
## 4
                                                             2
                                                                          2
        4 1997~
                     105
                            1
                                       1 MAINE
                                                  ALLE~
## 5
        5 1997~
                      105
                              1
                                       1 NEW JER ANDR~
                                                                          2
         6 1997~
                      105
                              2
                                       7 TEXAS
                                                  ARCH~
## 6
## # ... with 52 more variables: anygirls <int>, propgirls <dbl>,
      rgroup <int>, statabb <chr>, statalph <int>, region <int>,
## #
      repub <int>, srvlng <int>, female <int>, white <int>, bday <chr>,
## #
      age <int>, demvote <dbl>, medinc <int>, perf <dbl>, perw <dbl>,
## #
      perhs <dbl>, percol <dbl>, perur <dbl>, alabort <dbl>, moreserv <dbl>,
## #
      moredef <dbl>, morecrimesp <dbl>, protgay <dbl>, dr1per <dbl>,
## #
      dr2per <dbl>, dr3per <dbl>, dr4per <dbl>, dr5per <dbl>, aauw <int>,
## #
      rtl <int>, nowtot <int>, now1 <int>, now2 <int>, now3 <int>,
## #
      now4 <int>, now5 <int>, now6 <int>, now7 <int>, now8 <int>,
## #
      now9 <int>, now10 <int>, now11 <int>, now12 <int>, now13 <int>,
      now14 <int>, now15 <int>, now16 <int>, now17 <int>, now18 <int>,
      now19 <int>, now20 <int>
## #
dat$age2 <- dat$age^2
dat$srvlng2 <- dat$srvlng^2</pre>
dat$rgroup <- factor(dat$rgroup)</pre>
prop.table(table(dat$rgroup))
##
```

```
levels(dat$rgroup) <- c("None", "Protestant", "Catholic", "Other Christian", "Other religion")
dat$rgroup <- factor(dat$rgroup, levels = c("Protestant", "None", "Catholic", "Other Christian", "Other</pre>
```

Model with NOW data

```
datNOW <- dat %>%
  filter(congress == 105)
summary(datNOW)
```

```
##
          Х1
                        year
                                          congress
                                                         party
          : 1.0
                    Length: 435
                                              :105
                                                            :1.000
                                       Min.
   1st Qu.:109.5
                                       1st Qu.:105
                                                     1st Qu.:1.000
                    Class :character
  Median :218.0
                    Mode :character
                                       Median:105
                                                     Median :2.000
##
  Mean
          :218.0
                                       Mean
                                              :105
                                                     Mean
                                                            :1.529
   3rd Qu.:326.5
                                       3rd Qu.:105
                                                     3rd Qu.:2.000
##
   Max.
           :435.0
                                       Max.
                                              :105
                                                     Max.
                                                            :3.000
##
##
       district
                       {\tt statenam}
                                            name
                                                               ngirls
                                        Length:435
   Min. : 1.000
                     Length: 435
                                                           Min. :0.000
   1st Qu.: 3.000
                     Class : character
                                                           1st Qu.:0.000
##
                                        Class : character
  Median : 6.000
                     Mode :character
                                        Mode :character
                                                           Median :1.000
##
  Mean
         : 9.979
                                                           Mean
                                                                 :1.274
##
   3rd Qu.:13.000
                                                           3rd Qu.:2.000
##
   Max.
          :52.000
                                                           Max.
                                                                  :7.000
##
                                                           NA's
                                                                  :1
                                                        propgirls
##
                        totchi
                                        anygirls
       nboys
                                     Min. :0.0000
                   Min. : 0.000
##
   Min. :0.000
                                                            :0.0000
                                                      Min.
   1st Qu.:0.000
                    1st Qu.: 2.000
                                     1st Qu.:0.0000
                                                      1st Qu.:0.0000
   Median :1.000
                   Median : 2.000
                                     Median :1.0000
##
                                                      Median :0.5000
         :1.219
                    Mean : 2.493
                                     Mean :0.7258
                                                      Mean
                                                             :0.4481
   3rd Qu.:2.000
                    3rd Qu.: 3.000
##
                                     3rd Qu.:1.0000
                                                      3rd Qu.:0.6667
           :6.000
                          :10.000
                                     Max.
                                            :1.0000
##
   Max.
                    Max.
                                                      Max.
                                                             :1.0000
                    NA's
                                     NA's
##
   NA's
           :1
                          : 1
                                            :1
                                                      NA's
                                                             :1
##
                           statabb
                                                {\tt statalph}
                rgroup
                                                                region
##
   Protestant
                   :259
                          Length: 435
                                             Min. : 1.0
                                                            Min.
                                                                  :1.000
##
  None
                   : 6
                          Class :character
                                             1st Qu.:11.0
                                                            1st Qu.:3.000
## Catholic
                   :129
                                             Median:25.0
                                                            Median :5.000
                          Mode :character
## Other Christian: 16
                                             Mean
                                                    :25.1
                                                            Mean
                                                                  :5.007
##
   Other religion: 25
                                             3rd Qu.:38.0
                                                            3rd Qu.:7.000
##
                                             Max.
                                                    :51.0
                                                            Max.
                                                                   :9.000
##
                                          female
##
                                                           white
       repub
                         srvlng
##
   Min.
          :0.0000
                     Min. : 1.000
                                      Min.
                                             :0.0000
                                                       Min. :0.000
   1st Qu.:0.0000
                     1st Qu.: 3.000
                                      1st Qu.:0.0000
                                                       1st Qu.:1.000
##
   Median :1.0000
                     Median : 5.000
                                      Median :0.0000
                                                       Median :1.000
##
   Mean
         :0.5241
                     Mean : 8.678
                                      Mean
                                            :0.1103
                                                       Mean
                                                              :0.869
   3rd Qu.:1.0000
                     3rd Qu.:13.000
                                      3rd Qu.:0.0000
                                                       3rd Qu.:1.000
##
##
   Max. :1.0000
                            :47.000
                     Max.
                                      Max.
                                            :1.0000
                                                       Max.
                                                              :1.000
##
##
       bday
                            age
                                          demvote
                                                            medinc
  Length: 435
                      Min.
                            :26.00
                                       Min. :0.2600
                                                        Min.
                                                               :16683
```

```
Class : character
                       1st Qu.:45.00
                                        1st Qu.:0.4200
                                                          1st Qu.:29593
    Mode : character
                       Median :51.00
                                        Median :0.4800
                                                          Median :34018
                                        Mean :0.5032
##
                       Mean
                               :51.67
                                                          Mean :35923
##
                        3rd Qu.:58.00
                                        3rd Qu.:0.5700
                                                          3rd Qu.:40682
##
                       Max.
                               :87.00
                                        Max.
                                               :0.9400
                                                          Max.
                                                                 :64199
##
         perf
                                           perhs
                                                             percol
                          perw
##
##
    Min. :0.4651
                     Min. :0.1866
                                       Min.
                                              :0.3360
                                                         Min. :0.0530
##
    1st Qu.:0.5129
                      1st Qu.:0.7563
                                       1st Qu.:0.6985
                                                         1st Qu.:0.1435
##
    Median :0.5212
                      Median :0.8712
                                       Median : 0.7640
                                                         Median :0.1840
    Mean
          :0.5208
                      Mean
                            :0.8043
                                       Mean :0.7501
                                                         Mean
                                                               :0.2006
##
    3rd Qu.:0.5297
                      3rd Qu.:0.9347
                                                         3rd Qu.:0.2420
                                       3rd Qu.:0.8125
##
    Max.
         :0.5677
                      Max.
                            :0.9871
                                       Max.
                                              :0.9230
                                                         Max.
                                                                :0.5140
##
##
                         alabort
        perur
                                          moreserv
                                                            moredef
##
    Min.
          :0.1310
                      Min.
                             :0.1870
                                       Min.
                                               :0.0000
                                                         Min.
                                                                :0.0000
    1st Qu.:0.5650
##
                      1st Qu.:0.3655
                                       1st Qu.:0.3252
                                                         1st Qu.:0.1716
##
    Median : 0.7897
                      Median : 0.4237
                                       Median :0.3788
                                                         Median : 0.2056
                     Mean
                                                         Mean
##
    Mean
          :0.7515
                            :0.4385
                                       Mean
                                              :0.3618
                                                                :0.2141
##
    3rd Qu.:0.9768
                      3rd Qu.:0.5677
                                       3rd Qu.:0.4197
                                                         3rd Qu.:0.2524
##
    Max
         :1.0000
                     Max.
                             :0.6129
                                       Max.
                                               :0.5000
                                                         Max.
                                                                :0.5052
##
                      NA's
                             :26
                                       NA's
                                               :32
                                                         NA's
                                                                :26
##
     morecrimesp
                                           dr1per
                                                             dr2per
                         protgay
           :0.2000
##
    Min.
                     Min.
                             :0.3924
                                       Min.
                                              :0.1200
                                                         Min.
                                                                :0.0500
##
    1st Qu.:0.5441
                      1st Qu.:0.5957
                                       1st Qu.:0.3300
                                                         1st Qu.:0.1900
    Median: 0.6093
                      Median: 0.6625
                                       Median: 0.4800
                                                         Median: 0.2700
##
    Mean
          :0.5993
                            :0.6398
                                       Mean
                                              :0.4807
                                                                :0.2461
                      Mean
                                                         Mean
    3rd Qu.:0.6349
                      3rd Qu.:0.6786
                                                         3rd Qu.:0.3200
##
                                       3rd Qu.:0.5400
    Max.
                                               :0.8000
##
           :0.8125
                            :0.7660
                                                                :0.5100
                      Max.
                                       Max.
                                                         Max.
                                                         NA's
##
    NA's
           :26
                      NA's
                             :26
                                       NA's
                                              :3
                                                                :3
##
        dr3per
                           dr4per
                                              dr5per
                                                                aauw
##
    Min.
           :0.00000
                      Min.
                              :0.02000
                                         Min.
                                                :0.0900
                                                           Min.
                                                                  : 0.00
    1st Qu.:0.01000
                       1st Qu.:0.03000
                                         1st Qu.:0.1800
                                                           1st Qu.: 0.00
    Median :0.01000
                      Median :0.06000
                                         Median :0.1900
                                                           Median: 38.00
##
##
    Mean
          :0.01794
                      Mean :0.05856
                                         Mean :0.1943
                                                           Mean : 47.31
##
    3rd Qu.:0.02000
                      3rd Qu.:0.08000
                                         3rd Qu.:0.2100
                                                           3rd Qu.:100.00
##
    Max.
          :0.57000
                      Max.
                             :0.12000
                                         Max.
                                               :0.3100
                                                           Max.
                                                                  :100.00
                                         NA's
##
    NA's
           :3
                      NA's
                            :3
                                                 :3
##
         rtl
                          nowtot
                                                              now2
                                            now1
                                              :0.0000
##
    Min. : 0.00
                     Min. : 0.00
                                                         Min. :0.0000
                                       Min.
    1st Qu.: 6.00
                                       1st Qu.:0.0000
                                                         1st Qu.:0.0000
                      1st Qu.: 5.00
##
    Median: 84.00
                     Median: 35.00
                                       Median :0.0000
                                                         Median :0.0000
    Mean : 58.92
                      Mean : 41.31
                                       Mean
                                              :0.2854
                                                         Mean
                                                                :0.2367
##
    3rd Qu.:100.00
                      3rd Qu.: 80.00
                                       3rd Qu.:1.0000
                                                         3rd Qu.:0.0000
                             :100.00
                                               :1.0000
    Max.
           :100.00
                      Max.
                                       Max.
                                                         Max.
                                                                :1.0000
                                       NA's
                      NA's
                             :4
                                                         NA's
##
                                               :4
                                                                :4
##
         now3
                          now4
                                            now5
                                                              now6
##
    Min.
           :0.0000
                      Min.
                             :0.0000
                                       Min.
                                              :0.0000
                                                         Min.
                                                                :0.0000
    1st Qu.:0.0000
                      1st Qu.:0.0000
                                       1st Qu.:0.0000
                                                         1st Qu.:0.0000
##
    Median : 0.0000
                      Median :0.0000
                                       Median :1.0000
                                                         Median :0.0000
##
           :0.3016
                             :0.3411
                                              :0.5128
    Mean
                     Mean
                                       Mean
                                                         Mean
                                                                :0.4617
                      3rd Qu.:1.0000
                                       3rd Qu.:1.0000
                                                         3rd Qu.:1.0000
##
    3rd Qu.:1.0000
##
    Max.
           :1.0000
                     Max.
                             :1.0000
                                       Max.
                                               :1.0000
                                                         Max.
                                                                :1.0000
                     NA's
##
   NA's
           :4
                             :4
                                       NA's
                                               :4
                                                         NA's
                                                                :4
```

```
##
        now7
                          now8
                                           now9
                                                           now10
           :0.0000
                            :0.0000
                                                              :0.0000
##
   Min.
                    Min.
                                      Min.
                                             :0.0000
                                                       Min.
                                      1st Qu.:0.0000
   1st Qu.:0.0000
                     1st Qu.:0.0000
                                                       1st Qu.:0.0000
   Median :0.0000
                     Median :0.0000
                                     Median :1.0000
                                                       Median :0.0000
   Mean
          :0.4617
                     Mean :0.4455
                                      Mean
                                            :0.5104
                                                       Mean
                                                              :0.3341
##
   3rd Qu.:1.0000
                     3rd Qu.:1.0000
                                      3rd Qu.:1.0000
                                                       3rd Qu.:1.0000
                                           :1.0000
   Max.
          :1.0000
                     Max.
                           :1.0000
                                      Max.
                                                       Max.
                                                              :1.0000
                                      NA's :4
   NA's
                     NA's
                                                       NA's
##
           :4
                            :4
                                                              :4
##
       now11
                         now12
                                          now13
                                                           now14
          :0.0000
##
   Min.
                     Min.
                            :0.0000
                                      Min.
                                             :0.0000
                                                       Min.
                                                              :0.0000
   1st Qu.:0.0000
                     1st Qu.:0.0000
                                      1st Qu.:0.0000
                                                       1st Qu.:0.0000
                     Median :0.0000
                                                       Median :0.0000
  Median :0.0000
                                      Median :0.0000
##
   Mean
         :0.3132
                     Mean
                           :0.1816
                                      Mean
                                            :0.4942
                                                       Mean
                                                              :0.2738
                                      3rd Qu.:1.0000
                                                       3rd Qu.:1.0000
   3rd Qu.:1.0000
##
                     3rd Qu.:0.0000
                                             :1.0000
##
   Max.
           :1.0000
                     Max.
                           :1.0000
                                      Max.
                                                       Max.
                                                              :1.0000
##
   NA's
           :4
                                      NA's
                                             :4
                                                       NA's
                                                              :4
##
       now15
                                          now17
                         now16
                                                           now18
##
           :0.0000
                     Min.
                            :0.0000
                                      Min.
                                             :0.0000
                                                       Min.
                                                              :0.0000
   1st Qu.:0.0000
                     1st Qu.:0.0000
                                      1st Qu.:0.0000
                                                       1st Qu.:0.0000
##
                     Median :1.0000
   Median :1.0000
                                      Median :0.0000
                                                       Median :1.0000
##
   Mean
          :0.5267
                     Mean
                           :0.5731
                                      Mean
                                            :0.4548
                                                       Mean
                                                              :0.5777
   3rd Qu.:1.0000
                     3rd Qu.:1.0000
                                      3rd Qu.:1.0000
                                                       3rd Qu.:1.0000
##
   Max.
           :1.0000
                            :1.0000
                                             :1.0000
                                                       Max.
                    Max.
                                      Max.
                                                              :1.0000
   NA's
           :4
                     NA's
                            :4
                                      NA's
                                                       NA's
##
                                             :4
                                                              :4
##
       now19
                         now20
                                           age2
                                                        srvlng2
  Min.
           :0.0000
                    Min.
                            :0.0000
                                      Min. : 676
                                                     Min.
                                                          :
  1st Qu.:0.0000
                    1st Qu.:0.0000
                                      1st Qu.:2025
                                                     1st Qu.:
##
## Median :0.0000
                     Median :0.0000
                                      Median:2601
                                                     Median: 25
## Mean
          :0.4919
                     Mean
                           :0.4826
                                      Mean
                                             :2762
                                                     Mean : 137
                                      3rd Qu.:3364
## 3rd Qu.:1.0000
                     3rd Qu.:1.0000
                                                     3rd Qu.: 169
## Max.
           :1.0000
                     Max.
                            :1.0000
                                      Max.
                                             :7569
                                                     Max.
                                                            :2209
## NA's
           :4
                     NA's
                            :4
lm.1 <- lm(nowtot ~ ngirls + female + white + repub + age + age2 + srvlng + srvlng2 + rgroup + demvote
summary(lm.1)
##
## Call:
## lm(formula = nowtot ~ ngirls + female + white + repub + age +
       age2 + srvlng + srvlng2 + rgroup + demvote + factor(totchi) +
       factor(region), data = datNOW)
##
##
## Residuals:
      Min
                1Q Median
                                3Q
                                       Max
## -51.732 -9.666 -0.456
                             8.932 62.264
##
## Coefficients:
                           Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                          17.025463 21.661760
                                                 0.786 0.43235
## ngirls
                                     1.038119
                                                 2.215 0.02732 *
                           2.299519
## female
                         10.838011
                                      2.689784
                                                 4.029 6.70e-05 ***
                                                 0.539 0.59018
## white
                           1.860315
                                      3.451382
```

0.799702

2.109021 -21.291

0.007664 -0.745 0.45697

< 2e-16 ***

0.826 0.40919

-44.902819

0.660705

-0.005706

repub

age

age2

```
## srvlng
                         0.235404 0.300004
                                              0.785 0.43311
## srvlng2
                        -0.008915 0.010147 -0.879 0.38015
## rgroupNone
                         7.261925 7.022355
                                             1.034 0.30171
## rgroupCatholic
                                            -2.048 0.04126 *
                        -3.973955 1.940810
## rgroupOther Christian
                        0.768547
                                   4.600263
                                              0.167 0.86740
## rgroupOther religion
                       10.866171
                                    3.751570
                                             2.896 0.00398 **
## demvote
                        84.158438 10.868851
                                              7.743 8.11e-14 ***
## factor(totchi)1
                        -3.278460 3.497060 -0.937 0.34907
## factor(totchi)2
                        -5.523599 2.820904 -1.958 0.05092 .
## factor(totchi)3
                        -7.369559 3.272709 -2.252 0.02488 *
## factor(totchi)4
                       -11.011583 3.778913 -2.914 0.00377 **
                                  4.718991
                                            -2.177 0.03006 *
## factor(totchi)5
                       -10.273736
## factor(totchi)6
                       -12.453781
                                    8.278559 -1.504 0.13329
                                  9.583229 -1.110 0.26780
## factor(totchi)7
                       -10.634369
## factor(totchi)8
                       -28.973542 11.297360 -2.565 0.01069 *
## factor(totchi)9
                       -14.077336 17.660353 -0.797 0.42586
## factor(totchi)10
                       -23.044561 17.220364 -1.338 0.18159
## factor(region)2
                       -11.884261 4.095975 -2.901 0.00392 **
                       -13.046715 4.086030 -3.193 0.00152 **
## factor(region)3
                       -13.586565 4.701898 -2.890 0.00407 **
## factor(region)4
## factor(region)5
                       -11.358358 4.222274 -2.690 0.00744 **
## factor(region)6
                       -22.280800 4.984814 -4.470 1.02e-05 ***
                       -17.819681 4.523803 -3.939 9.66e-05 ***
## factor(region)7
                                  5.035701 -3.000 0.00287 **
## factor(region)8
                       -15.107737
## factor(region)9
                        -8.186288
                                  4.099879 -1.997 0.04654 *
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 16.09 on 398 degrees of freedom
     (5 observations deleted due to missingness)
## Multiple R-squared: 0.8199, Adjusted R-squared: 0.8058
## F-statistic: 58.44 on 31 and 398 DF, p-value: < 2.2e-16
```

Model with AAUW 105th Congress

```
datAAUW105 <- dat %>%
  filter (congress == 105)
lm.2 <- lm(aauw ~ ngirls + female + white + repub + age + age2 + srvlng + srvlng2 + rgroup + demvote +
summary(lm.2)
##
## Call:
## lm(formula = aauw ~ ngirls + female + white + repub + age + age2 +
##
       srvlng + srvlng2 + rgroup + demvote + factor(totchi) + factor(region),
##
       data = datAAUW105)
##
## Residuals:
##
       Min
                1Q Median
                                3Q
                                       Max
## -58.930 -11.232 -0.809
                             8.842 74.928
##
## Coefficients:
##
                           Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                          36.450769 23.400913
                                                1.558 0.120100
```

```
## ngirls
                         2.384821
                                  1.123848
                                             2.122 0.034448 *
                        9.193665 2.910140 3.159 0.001702 **
## female
                        0.143934 3.675846 0.039 0.968785
## white
                      -60.468440 2.280175 -26.519 < 2e-16 ***
## repub
                        0.854420 0.860012
## age
                                            0.993 0.321065
## age2
                       ## srvlng
                       -0.207689 0.323641 -0.642 0.521416
                        0.003581 0.010908 0.328 0.742865
## srvlng2
## rgroupNone
                        5.670655 7.605983 0.746 0.456374
## rgroupCatholic
                       -4.504837 2.091041 -2.154 0.031806 *
## rgroupOther Christian 3.204342 4.983300 0.643 0.520580
                        9.682583 4.047467 2.392 0.017204 *
## rgroupOther religion
## demvote
                        62.147959 11.567940 5.372 1.32e-07 ***
## factor(totchi)1
                       -3.497354 3.738651 -0.935 0.350113
## factor(totchi)2
                        -4.408748 3.038459 -1.451 0.147565
                        -7.397466 3.526217 -2.098 0.036542 *
## factor(totchi)3
## factor(totchi)4
                       -10.871754 4.061698 -2.677 0.007740 **
## factor(totchi)5
                       -13.035875 5.093865 -2.559 0.010859 *
                       -17.865026 8.953045 -1.995 0.046672 *
## factor(totchi)6
## factor(totchi)7
                       -11.856900 10.376659 -1.143 0.253864
## factor(totchi)8
                      -43.702778 12.225549 -3.575 0.000393 ***
## factor(totchi)9
                      -15.928693 19.124351 -0.833 0.405395
                      -26.659436 18.646598 -1.430 0.153574
## factor(totchi)10
## factor(region)2
                       -9.286950 4.408594 -2.107 0.035775 *
## factor(region)3
                       -12.576558 4.421819 -2.844 0.004680 **
## factor(region)4
                       -7.869625 5.086779 -1.547 0.122632
                       -10.056063 4.565364 -2.203 0.028184 *
## factor(region)5
                       -19.685949 5.393746 -3.650 0.000297 ***
## factor(region)6
## factor(region)7
                      -15.546480 4.887668 -3.181 0.001583 **
## factor(region)8
                       -16.451153 5.450929 -3.018 0.002706 **
                       -8.656789 4.432920 -1.953 0.051532 .
## factor(region)9
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 17.44 on 402 degrees of freedom
    (1 observation deleted due to missingness)
## Multiple R-squared:
                       0.84, Adjusted R-squared: 0.8276
## F-statistic: 68.06 on 31 and 402 DF, p-value: < 2.2e-16
```

Model with AAUW 106th Congress

##

Residuals:

```
datAAUW106 <- dat %>%
   filter (congress == 106)
lm.3 <- lm(aauw ~ ngirls + female + white + repub + age + age2 + srvlng + srvlng2 + rgroup + demvote + summary(lm.3)

##
## Call:
## Im(formula = aauw ~ ngirls + female + white + repub + age + age2 +
## srvlng + srvlng2 + rgroup + demvote + factor(totchi) + factor(region),
## data = datAAUW106)</pre>
```

```
10 Median
                             3Q
## -68.861 -12.254 -0.263 10.379 77.986
##
## Coefficients:
                         Estimate Std. Error t value Pr(>|t|)
                                           0.375 0.707628
## (Intercept)
                         9.384230 25.004019
## ngirls
                        1.687779
                                  1.135634 1.486 0.138008
## female
                        10.440223
                                   2.881348
                                             3.623 0.000328 ***
## white
                         2.594087
                                   3.833331
                                             0.677 0.498973
## repub
                       -55.927128 2.335258 -23.949 < 2e-16 ***
## age
                        2.034389 0.901753
                                            2.256 0.024604 *
                        ## age2
## srvlng
                        ## srvlng2
                        0.024968 0.012860
                                            1.941 0.052895 .
## rgroupNone
                        5.352528 7.790652
                                             0.687 0.492450
## rgroupCatholic
                        -2.276623 2.128764 -1.069 0.285504
## rgroupOther Christian
                                 4.912183
                                            0.344 0.730923
                       1.690461
## rgroupOther religion 11.889799
                                 4.342803
                                             2.738 0.006459 **
## demvote
                        57.436919 12.017562
                                             4.779 2.47e-06 ***
## factor(totchi)1
                        -5.469827
                                  3.752974 -1.457 0.145767
## factor(totchi)2
                        -5.402323 3.150248 -1.715 0.087134
                        -6.654154 3.649826 -1.823 0.069022 .
## factor(totchi)3
                                 4.337895 -2.455 0.014503 *
## factor(totchi)4
                       -10.650334
## factor(totchi)5
                       -11.565357
                                   5.110870 -2.263 0.024174 *
## factor(totchi)6
                       -20.394694 10.255307 -1.989 0.047411 *
## factor(totchi)7
                       -10.534574 10.152137 -1.038 0.300046
## factor(totchi)8
                       -29.255772 12.752995 -2.294 0.022302 *
## factor(totchi)10
                       -13.980355 19.157892 -0.730 0.465971
## factor(region)2
                        -3.234622 4.482938 -0.722 0.470995
## factor(region)3
                       -12.105109 4.486371 -2.698 0.007265 **
                        -8.518744
## factor(region)4
                                   5.213591 -1.634 0.103050
## factor(region)5
                        -6.371197 4.671525 -1.364 0.173380
## factor(region)6
                       -13.846102 5.484528 -2.525 0.011967 *
## factor(region)7
                       -15.202413 4.974428 -3.056 0.002391 **
## factor(region)8
                       -14.357427
                                   5.641486
                                            -2.545 0.011301 *
## factor(region)9
                        -5.079990
                                   4.553775 -1.116 0.265277
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 17.88 on 403 degrees of freedom
    (1 observation deleted due to missingness)
## Multiple R-squared: 0.8144, Adjusted R-squared: 0.8006
## F-statistic: 58.95 on 30 and 403 DF, p-value: < 2.2e-16
```

Model with AAUW 107th Congress

```
datAAUW107 <- dat %>%
  filter (congress == 107)
lm.4 <- lm(aauw ~ ngirls + female + white + repub + age + age2 + srvlng + srvlng2 + rgroup + demvote + summary(lm.4)</pre>
```

Call:

```
## lm(formula = aauw ~ ngirls + female + white + repub + age + age2 +
##
      srvlng + srvlng2 + rgroup + demvote + factor(totchi) + factor(region),
##
      data = datAAUW107)
##
## Residuals:
##
      Min
               1Q Median
                               3Q
                                      Max
                    0.000
## -79.797 -7.674
                            7.851
                                  79.645
##
## Coefficients:
##
                          Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                         2.745e+01
                                    2.191e+01
                                                1.252 0.211141
                                    1.092e+00
                                                2.217 0.027194 *
## ngirls
                         2.421e+00
## female
                         7.564e+00 2.618e+00
                                                2.889 0.004069 **
## white
                        -2.626e+00 3.150e+00 -0.834 0.404940
## repub
                        -6.322e+01 2.120e+00 -29.820 < 2e-16 ***
## age
                         1.298e+00
                                    7.990e-01
                                                1.624 0.105074
## age2
                        -1.152e-02 7.466e-03 -1.543 0.123695
## srvlng
                        -1.001e-01 3.457e-01
                                              -0.289 0.772363
## srvlng2
                                              -0.015 0.987905
                        -1.683e-04 1.110e-02
## rgroupNone
                         7.027e+00 7.176e+00
                                                0.979 0.328088
## rgroupCatholic
                        -4.016e+00 1.987e+00 -2.021 0.043926 *
## rgroupOther Christian 1.646e+00 4.491e+00
                                                0.367 0.714184
## rgroupOther religion
                                                2.718 0.006859 **
                         1.029e+01 3.785e+00
## demvote
                         5.621e+01 9.092e+00
                                                6.182 1.56e-09 ***
## factor(totchi)1
                        -1.611e+00 3.378e+00 -0.477 0.633804
## factor(totchi)2
                        -3.251e+00 2.938e+00 -1.106 0.269226
## factor(totchi)3
                        -6.314e+00 3.465e+00
                                               -1.822 0.069177
## factor(totchi)4
                        -8.223e+00 4.033e+00 -2.039 0.042116 *
## factor(totchi)5
                        -9.637e+00 4.836e+00 -1.992 0.046992 *
## factor(totchi)6
                        -2.121e+01 9.432e+00 -2.249 0.025049 *
## factor(totchi)7
                        -1.000e+00 1.053e+01
                                               -0.095 0.924357
## factor(totchi)8
                        -2.079e+01 1.197e+01
                                              -1.737 0.083078 .
## factor(totchi)9
                        -2.467e+01 1.928e+01
                                              -1.279 0.201489
## factor(totchi)10
                        -1.559e+01 1.777e+01
                                              -0.877 0.381083
## factor(region)2
                        -4.331e+00 4.132e+00
                                               -1.048 0.295162
                        -9.906e+00 4.142e+00 -2.392 0.017233 *
## factor(region)3
## factor(region)4
                        -3.831e+00 4.891e+00 -0.783 0.433945
## factor(region)5
                        -1.001e+01 4.330e+00 -2.311 0.021320 *
## factor(region)6
                        -1.798e+01 5.075e+00
                                               -3.543 0.000442 ***
## factor(region)7
                        -8.571e+00 4.747e+00 -1.805 0.071752 .
## factor(region)8
                        -8.901e+00 5.193e+00 -1.714 0.087306 .
## factor(region)9
                        -5.677e+00 4.203e+00 -1.351 0.177493
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 16.49 on 402 degrees of freedom
     (1 observation deleted due to missingness)
## Multiple R-squared: 0.8649, Adjusted R-squared: 0.8545
## F-statistic: 83.03 on 31 and 402 DF, p-value: < 2.2e-16
```

Model with AAUW 107th Congress

```
datAAUW108 <- dat %>%
 filter (congress == 108)
lm.5 <- lm(aauw ~ ngirls + female + white + repub + age + age2 + srvlng + srvlng2 + rgroup + demvote + :
summary(lm.5)
##
## Call:
## lm(formula = aauw ~ ngirls + female + white + repub + age + age2 +
      srvlng + srvlng2 + rgroup + demvote + factor(totchi) + factor(region),
      data = datAAUW108)
##
##
## Residuals:
##
      Min
               1Q Median
                              3Q
                                     Max
## -76.876 -9.159 -0.796
                           9.686 78.595
##
## Coefficients:
##
                         Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                         1.869862 24.069084 0.078 0.938116
## ngirls
                         2.250368 1.145479
                                              1.965 0.050156 .
## female
                         6.908988 2.730097
                                              2.531 0.011767 *
## white
                         1.938711 3.210661
                                              0.604 0.546295
                       -63.931869 2.436017 -26.244 < 2e-16 ***
## repub
## age
                        2.300460 0.860041
                                             2.675 0.007784 **
                        -0.020665 0.007987 -2.587 0.010024 *
## age2
                        ## srvlng
## srvlng2
                         0.004479 0.010171
                                              0.440 0.659920
## rgroupNone
                        -7.137120 7.499321 -0.952 0.341823
                        -5.467578 2.077421 -2.632 0.008819 **
## rgroupCatholic
## rgroupOther Christian 3.873688 4.683620 0.827 0.408690
## rgroupOther religion
                         3.156054 3.959417
                                              0.797 0.425865
## demvote
                        66.950320 10.888708
                                             6.149 1.89e-09 ***
## factor(totchi)1
                                  3.634887 -2.050 0.041041 *
                        -7.450581
## factor(totchi)2
                        -8.891984 3.118601 -2.851 0.004580 **
## factor(totchi)3
                       -14.094729 3.622081 -3.891 0.000117 ***
## factor(totchi)4
                       -10.660337 4.324511 -2.465 0.014117 *
                       -16.514534 5.315221 -3.107 0.002025 **
## factor(totchi)5
                       -24.936074 9.858029 -2.530 0.011805 *
## factor(totchi)6
## factor(totchi)7
                        -2.564773 11.019008 -0.233 0.816068
## factor(totchi)8
                       -25.529296 12.548549 -2.034 0.042566 *
## factor(totchi)9
                       -42.548910 20.181228 -2.108 0.035623 *
## factor(totchi)10
                       -14.668008 18.636690 -0.787 0.431719
## factor(totchi)12
                       -26.442540 19.525851 -1.354 0.176427
                        -8.727198 4.452392 -1.960 0.050676 .
## factor(region)2
                       -12.943889 4.482627 -2.888 0.004093 **
## factor(region)3
## factor(region)4
                       -11.613990 5.206694 -2.231 0.026262 *
## factor(region)5
                       -13.680979 4.556604 -3.002 0.002846 **
                       -20.166479 5.442755 -3.705 0.000241 ***
## factor(region)6
## factor(region)7
                       -11.724006 5.084689 -2.306 0.021636 *
## factor(region)8
                       -16.528372 5.368109 -3.079 0.002220 **
## factor(region)9
                       -10.709793 4.449345 -2.407 0.016534 *
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
```

```
##
## Residual standard error: 17.23 on 400 degrees of freedom
## (2 observations deleted due to missingness)
## Multiple R-squared: 0.8586, Adjusted R-squared: 0.8473
## F-statistic: 75.92 on 32 and 400 DF, p-value: < 2.2e-16</pre>
```

Put all models in a stargazer table

```
stargazer(lm.1, lm.2, lm.3, lm.4, lm.5, title = "Table 2-Impact of Female Children on Legislator Voting
```

Table 3 Replication

NOW all legislators

```
lm_all_NOW<-lm(nowtot~ngirls + female + white + repub + age + age2 + srvlng + srvlng2+ rgroup + demvote
summary(lm_all_NOW)
##
## lm(formula = nowtot ~ ngirls + female + white + repub + age +
      age2 + srvlng + srvlng2 + rgroup + demvote + factor(totchi) +
      factor(region), data = datNOW)
##
##
## Residuals:
      Min
               10 Median
                              30
                                     Max
## -51.732 -9.666 -0.456
                           8.932
                                  62.264
## Coefficients:
                         Estimate Std. Error t value Pr(>|t|)
                         17.025463 21.661760
## (Intercept)
                                             0.786 0.43235
                         2.299519 1.038119
## ngirls
                                               2.215 0.02732 *
## female
                        10.838011 2.689784
                                               4.029 6.70e-05 ***
                                               0.539 0.59018
## white
                         1.860315 3.451382
## repub
                       -44.902819 2.109021 -21.291 < 2e-16 ***
                         0.660705 0.799702
                                              0.826 0.40919
## age
## age2
                        -0.005706 0.007664 -0.745 0.45697
## srvlng
                         0.235404 0.300004
                                               0.785 0.43311
## srvlng2
                         -0.008915 0.010147
                                             -0.879 0.38015
## rgroupNone
                         7.261925 7.022355
                                              1.034 0.30171
                        -3.973955 1.940810 -2.048 0.04126 *
## rgroupCatholic
## rgroupOther Christian 0.768547 4.600263
                                              0.167 0.86740
## rgroupOther religion 10.866171 3.751570
                                              2.896 0.00398 **
## demvote
                        84.158438 10.868851
                                               7.743 8.11e-14 ***
## factor(totchi)1
                        -3.278460 3.497060 -0.937 0.34907
                         -5.523599 2.820904 -1.958 0.05092
## factor(totchi)2
## factor(totchi)3
                        -7.369559 3.272709 -2.252 0.02488 *
## factor(totchi)4
                       -11.011583 3.778913 -2.914 0.00377 **
## factor(totchi)5
                       -10.273736 4.718991 -2.177 0.03006 *
## factor(totchi)6
                        -12.453781
                                    8.278559
                                             -1.504 0.13329
## factor(totchi)7
                       -10.634369
                                   9.583229 -1.110 0.26780
## factor(totchi)8
                       -28.973542 11.297360 -2.565 0.01069 *
## factor(totchi)9
                       -14.077336 17.660353 -0.797 0.42586
```

Table 1: Replication of Table 2—Impact of Female Children on Legislator Voting on Women's Issues

	Dependent variable: NOW AAUW							
	105th	$105 \mathrm{th}$	106th	107th	108th			
	(1)	(2)	(3)	(4)	(5)			
Number of female children	2.300** (1.038)	2.385** (1.124)	1.688 (1.136)	2.421** (1.092)	2.250* (1.145)			
Female	10.838*** (2.690)	9.194*** (2.910)	10.440*** (2.881)	7.564*** (2.618)	6.909** (2.730)			
White	1.860 (3.451)	0.144 (3.676)	2.594 (3.833)	-2.626 (3.150)	1.939 (3.211)			
Republican	-44.903^{***} (2.109)	-60.468^{***} (2.280)	-55.927^{***} (2.335)	-63.216*** (2.120)	-63.932^{***} (2.436)			
Age	0.661 (0.800)	0.854 (0.860)	2.034** (0.902)	1.298 (0.799)	2.300*** (0.860)			
Age squared	-0.006 (0.008)	-0.006 (0.008)	$-0.018** \ (0.009)$	-0.012 (0.007)	-0.021^{**} (0.008)			
Service Length	0.235 (0.300)	-0.208 (0.324)	-0.726^* (0.380)	-0.100 (0.346)	-0.139 (0.327)			
Service length squared	-0.009 (0.010)	0.004 (0.011)	0.025^* (0.013)	-0.0002 (0.011)	0.004 (0.010)			
No religion	7.262 (7.022)	5.671 (7.606)	5.353 (7.791)	7.027 (7.176)	-7.137 (7.499)			
Catholic	-3.974** (1.941)	-4.505** (2.091)	-2.277 (2.129)	-4.016^{**} (1.987)	-5.468^{***} (2.077)			
Other Christian	0.769 (4.600)	3.204 (4.983)	1.690 (4.912)	1.646 (4.491)	3.874 (4.684)			
Other religion	10.866*** (3.752)	9.683** (4.047)	11.890*** (4.343)	10.286*** (3.785)	3.156 (3.959)			
Democratic vote share in district	84.158*** (10.869)	62.148*** (11.568)	57.437*** (12.018)	56.206*** (9.092)	66.950*** (10.889)			
N	430	434	434	434	433			

Note:

*p<0.1; **p<0.05; ***p<0.01

```
## factor(totchi)10
                        -23.044561 17.220364 -1.338 0.18159
                       -11.884261 4.095975 -2.901 0.00392 **
## factor(region)2
                       -13.046715 4.086030 -3.193 0.00152 **
## factor(region)3
## factor(region)4
                        -13.586565 4.701898 -2.890 0.00407 **
## factor(region)5
                        -11.358358
                                   4.222274
                                             -2.690 0.00744 **
## factor(region)6
                       -22.280800 4.984814 -4.470 1.02e-05 ***
## factor(region)7
                       -17.819681
                                  4.523803 -3.939 9.66e-05 ***
## factor(region)8
                        -15.107737
                                    5.035701
                                             -3.000 0.00287 **
## factor(region)9
                         -8.186288
                                   4.099879 -1.997 0.04654 *
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 16.09 on 398 degrees of freedom
     (5 observations deleted due to missingness)
## Multiple R-squared: 0.8199, Adjusted R-squared: 0.8058
## F-statistic: 58.44 on 31 and 398 DF, p-value: < 2.2e-16
```

NOW Men only

```
lm_men_NOW <- lm(nowtot~ngirls + female + white + repub + age + age2 + srvlng + srvlng2+ rgroup + demvo</pre>
summary(lm_men_NOW)
##
## Call:
## lm(formula = nowtot ~ ngirls + female + white + repub + age +
##
      age2 + srvlng + srvlng2 + rgroup + demvote + factor(totchi) +
##
      factor(region), data = datNOW, subset = female == 0)
##
## Residuals:
##
      Min
               1Q Median
                              3Q
                                    Max
## -50.090 -9.514 -1.125
                           8.748 55.568
## Coefficients: (1 not defined because of singularities)
                         Estimate Std. Error t value Pr(>|t|)
                         4.397649 22.470956 0.196 0.844955
## (Intercept)
## ngirls
                         2.484019
                                   1.087430
                                              2.284 0.022950 *
## female
                                                         NA
                               NΑ
                                         NΑ
                                                 NA
## white
                         1.164293
                                   3.916342
                                              0.297 0.766420
## repub
                       -44.508978
                                  2.214830 -20.096 < 2e-16 ***
## age
                         1.139590 0.822765
                                             1.385 0.166910
## age2
                        -0.010331
                                  0.007911 -1.306 0.192448
## srvlng
                         0.115137
                                  0.310983
                                             0.370 0.711431
## srvlng2
                        ## rgroupNone
                         8.024563 7.678439
                                             1.045 0.296706
                        -4.104736 2.056595 -1.996 0.046718 *
## rgroupCatholic
## rgroupOther Christian
                        0.200903 4.599285
                                             0.044 0.965183
## rgroupOther religion
                       11.452514 3.937161
                                              2.909 0.003859 **
## demvote
                        86.721384 11.885943
                                             7.296 1.99e-12 ***
                                            -1.312 0.190304
## factor(totchi)1
                        -4.849509
                                  3.695655
## factor(totchi)2
                        -5.965521
                                   2.916188 -2.046 0.041535 *
## factor(totchi)3
                        -8.977315 3.349540 -2.680 0.007706 **
## factor(totchi)4
                        ## factor(totchi)5
                       -10.732096 4.831519
                                            -2.221 0.026970 *
## factor(totchi)6
                       -13.752241
                                   8.282863 -1.660 0.097742 .
```

```
## factor(totchi)7
                        -11.286947
                                     9.591569 -1.177 0.240090
                        -29.582901 11.345273 -2.608 0.009510 **
## factor(totchi)8
## factor(totchi)9
                        -14.330061 17.635753 -0.813 0.417023
## factor(totchi)10
                        -21.891503 17.177744 -1.274 0.203361
## factor(region)2
                        -11.759093
                                    4.379070
                                              -2.685 0.007591 **
## factor(region)3
                        -12.676502 4.353103 -2.912 0.003820 **
## factor(region)4
                        -10.297556 5.042270 -2.042 0.041874 *
## factor(region)5
                        -11.659940
                                    4.516253 -2.582 0.010234 *
## factor(region)6
                        -21.716926
                                     5.165498 -4.204 3.33e-05 ***
## factor(region)7
                        -17.577927
                                     4.788586 -3.671 0.000279 ***
## factor(region)8
                        -13.388937
                                     5.393197 -2.483 0.013511 *
                                   4.457441 -1.530 0.126878
## factor(region)9
                         -6.820590
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 15.96 on 351 degrees of freedom
     (5 observations deleted due to missingness)
## Multiple R-squared: 0.814, Adjusted R-squared: 0.7981
## F-statistic: 51.21 on 30 and 351 DF, p-value: < 2.2e-16
```

NOW Women only

factor(totchi)4

##

```
lm_women_NOW <- lm(nowtot~ngirls + female + white + repub + age + age2 + srvlng + srvlng2+
summary(lm_women_NOW)

##
## Call:
## lm(formula = nowtot ~ ngirls + female + white + repub + age +
## age2 + srvlng + srvlng2 + rgroup + demvote + factor(totchi) +
## factor(region), data = datNOW, subset = female == 1)
##</pre>
```

```
## Residuals:
## Min 1Q Median 3Q Max
## -29.286 -5.830 0.274 8.170 40.543
```

Coefficients: (1 not defined because of singularities)
Estimate Std. Error t value Pr(>|t|)

(Intercept) 154.66478 139.18696 1.111 0.277 -0.297 0.769 ## ngirls -1.671575.63711 ## female NA NANA NA ## white 10.03972 11.03473 0.910 0.372 ## repub -52.68068 9.63890 -5.465 1.29e-05 *** ## age -3.847495.36668 -0.7170.480 ## age2 0.05224 0.676 0.506 0.03530 ## srvlng -0.535152.80845 -0.191 0.850 ## srvlng2 0.05266 0.16929 0.311 0.758 ## rgroupNone 2.14094 20.25419 0.106 0.917 -0.306 0.762 ## rgroupCatholic -2.65522 8.68392 ## rgroupOther religion 1.74909 18.93119 0.092 0.927 ## demvote 61.45962 38.07255 1.614 0.120 ## factor(totchi)1 1.71700 0.111 0.912 15.41175 ## factor(totchi)2 -3.22304 -0.180 0.859 17.93953 ## factor(totchi)3 10.96359 27.90708 0.393 0.698

-2.88244

22.16167 -0.130

0.898

```
## factor(totchi)5
                        -3.87069
                                   33.17378 -0.117
                                                       0.908
                                   18.32202 -0.483
                                                       0.633
## factor(region)2
                        -8.85284
## factor(region)3
                        -3.41626
                                   18.28300 -0.187
                                                       0.853
## factor(region)4
                                   22.03016
                                            -1.446
                       -31.85721
                                                       0.161
## factor(region)5
                         1.22809
                                   18.15949
                                              0.068
                                                       0.947
## factor(region)7
                        -8.22778
                                   20.13279
                                            -0.409
                                                       0.686
## factor(region)8
                       -17.05142
                                   22.04303 -0.774
                                                       0.447
## factor(region)9
                        -4.53504
                                   17.58905 -0.258
                                                       0.799
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 18.26 on 24 degrees of freedom
## Multiple R-squared: 0.845, Adjusted R-squared: 0.6964
## F-statistic: 5.687 on 23 and 24 DF, p-value: 3.614e-05
```

NOW Dems only

```
\label{local_norm} $\lim_{\to \infty} - \lim(\operatorname{nowtot^{\sim} ngirls} + \operatorname{female} + \operatorname{white} + \operatorname{repub} + \operatorname{age} + \operatorname{age2} + \operatorname{srvlng} + \operatorname{srvlng2+ rgroup} + \operatorname{demvosummary}(\lim_{\to \infty} - \operatorname{nowtot^{\sim} ngirls} + \operatorname{female} + \operatorname{white} + \operatorname{repub} + \operatorname{age} + \operatorname{age2} + \operatorname{srvlng} + \operatorname{srvlng2+ rgroup} + \operatorname{demvosummary}(\lim_{\to \infty} - \operatorname{nowtot^{\sim} ngirls} + \operatorname{female} + \operatorname{white} + \operatorname{repub} + \operatorname{age} + \operatorname{age2} + \operatorname{srvlng} + \operatorname{srvlng2+ rgroup} + \operatorname{demvosummary}(\lim_{\to \infty} - \operatorname{nowtot^{\sim} ngirls} + \operatorname{female} + \operatorname{white} + \operatorname{repub} + \operatorname{age} + \operatorname{age2} + \operatorname{srvlng} + \operatorname{srvlng2+ rgroup} + \operatorname{demvosummary}(\operatorname{nowtot^{\sim} ngirls} + \operatorname{female} + \operatorname{white} + \operatorname{repub} + \operatorname{age} + \operatorname{age2} + \operatorname{srvlng} + \operatorname{srvlng2+ rgroup} + \operatorname{demvosummary}(\operatorname{nowtot^{\sim} ngirls} + \operatorname{nowtot^{\sim} ngirls} +
```

```
##
## Call:
## lm(formula = nowtot ~ ngirls + female + white + repub + age +
##
       age2 + srvlng + srvlng2 + rgroup + demvote + factor(totchi) +
##
       factor(region), data = datNOW, subset = repub == 0)
##
## Residuals:
      Min
                10 Median
                                3Q
                                       Max
## -54.703 -8.811
                     2,262
                             9.039
                                   40.583
##
## Coefficients: (1 not defined because of singularities)
                          Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                          23.465903 32.724140
                                                0.717 0.474274
## ngirls
                           2.931423
                                     1.604903
                                                1.827 0.069463
## female
                                     3.650517
                                                2.605 0.009972 **
                          9.509844
## white
                          -1.264785
                                     4.761331 -0.266 0.790830
## repub
                                NΑ
                                           NΑ
                                                   NA
                                                             NΑ
                          1.068978
                                     1.196088
                                                0.894 0.372688
## age
## age2
                          -0.012950 0.011478 -1.128 0.260774
## srvlng
                          -0.167267
                                    0.433299 -0.386 0.699940
## srvlng2
                          0.006867
                                     0.013911
                                                0.494 0.622190
## rgroupNone
                          3.255417
                                     7.758972
                                                0.420 0.675313
## rgroupCatholic
                          -6.975655
                                    3.054350 -2.284 0.023575 *
## rgroupOther Christian
                          1.364428 18.332153
                                                0.074 0.940754
## rgroupOther religion
                          10.335657
                                     4.528061
                                                 2.283 0.023652 *
## demvote
                          75.958726 15.886580
                                                4.781 3.66e-06 ***
## factor(totchi)1
                          0.304964
                                    4.864774
                                                0.063 0.950086
## factor(totchi)2
                                    4.447552 -0.393 0.694723
                          -1.748322
## factor(totchi)3
                          -5.385592
                                    5.385886
                                               -1.000 0.318710
## factor(totchi)4
                         -12.186896
                                     6.294968 -1.936 0.054473
## factor(totchi)5
                          -9.249612
                                     7.562746 -1.223 0.222946
                          5.651849 13.866936
## factor(totchi)6
                                                0.408 0.684079
## factor(totchi)8
                         -33.218711 20.774166 -1.599 0.111605
## factor(region)2
                         -14.866009
                                    5.162213 -2.880 0.004474 **
```

```
## factor(region)3
                        -13.538686
                                     5.220559 -2.593 0.010305 *
## factor(region)4
                        -12.809889 6.805977
                                              -1.882 0.061466 .
                        -14.310426
## factor(region)5
                                     5.780409 -2.476 0.014244 *
## factor(region)6
                                     7.568222
                                              -3.528 0.000534 ***
                        -26.702238
## factor(region)7
                        -21.090375
                                     6.206250
                                              -3.398 0.000839 ***
## factor(region)8
                         -4.013531 10.890695
                                              -0.369 0.712922
## factor(region)9
                         -2.848641
                                     5.344088 -0.533 0.594675
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 17.03 on 176 degrees of freedom
     (3 observations deleted due to missingness)
## Multiple R-squared: 0.4979, Adjusted R-squared: 0.4209
## F-statistic: 6.465 on 27 and 176 DF, p-value: 2.613e-15
```

NOW Repubs only

```
lm_Repub_NOW <- lm(nowtot~ngirls + female + white + repub + age + age2 + srvlng + srvlng2+ rgroup + dem
summary(lm_Repub_NOW)
```

```
##
## Call:
## lm(formula = nowtot ~ ngirls + female + white + repub + age +
##
       age2 + srvlng + srvlng2 + rgroup + demvote + factor(totchi) +
##
       factor(region), data = datNOW, subset = repub == 1)
##
## Residuals:
      Min
                1Q Median
                                30
                                       Max
## -29.096 -9.229 -1.917
                             6.380 51.833
##
## Coefficients: (1 not defined because of singularities)
##
                           Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                         -19.090296
                                    28.753912
                                               -0.664 0.507522
## ngirls
                           1.278677
                                      1.322456
                                                0.967 0.334788
## female
                          10.364195
                                      4.197247
                                                 2.469 0.014394 *
## white
                           0.395339
                                      6.749858
                                                 0.059 0.953354
## repub
                                 NA
                                            NA
                                                    NA
                                                             NA
                           0.458807
                                      1.079824
                                                 0.425 0.671382
## age
## age2
                          -0.001429
                                    0.010383 -0.138 0.890657
## srvlng
                          0.790151
                                      0.485215
                                                1.628 0.105035
## srvlng2
                          -0.033495
                                    0.018586
                                               -1.802 0.073051
## rgroupCatholic
                           0.518275
                                    2.522949
                                                0.205 0.837454
## rgroupOther Christian
                           4.661463
                                    4.558988
                                                1.022 0.307815
## rgroupOther religion
                          12.774078
                                    8.773023
                                                1.456 0.146975
## demvote
                          85.947961 16.859111
                                                 5.098 8.06e-07 ***
## factor(totchi)1
                          -9.943798 5.234312 -1.900 0.058936 .
## factor(totchi)2
                          -9.236306
                                    3.523055 -2.622 0.009437 **
## factor(totchi)3
                          -6.441154
                                      3.975712 -1.620 0.106813
## factor(totchi)4
                          -8.417750
                                     4.551019
                                               -1.850 0.065871
                                               -1.540 0.125237
## factor(totchi)5
                          -9.075579
                                     5.894235
## factor(totchi)6
                         -22.560882
                                      9.915768 -2.275 0.023973 *
## factor(totchi)7
                          -8.300685
                                      9.607838 -0.864 0.388672
## factor(totchi)8
                         -15.439712 13.171362
                                               -1.172 0.242532
## factor(totchi)9
                         -22.784791 16.825435 -1.354 0.177236
```

```
## factor(totchi)10
                        -26.035181 16.039673 -1.623 0.106159
                       -18.312855 7.983995 -2.294 0.022868 *
## factor(region)2
## factor(region)3
                       -22.991771 7.885991 -2.916 0.003965 **
                        -22.675718 8.310375 -2.729 0.006939 **
## factor(region)4
## factor(region)5
                        -21.271679 7.889069 -2.696 0.007620 **
## factor(region)6
                       -29.093490 8.431266 -3.451 0.000685 ***
## factor(region)7
                       -26.329094 8.152942 -3.229 0.001455 **
                       -27.644673 8.100921 -3.413 0.000782 ***
## factor(region)8
## factor(region)9
                       -25.488333 7.959513 -3.202 0.001591 **
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 14.28 on 196 degrees of freedom
    (2 observations deleted due to missingness)
## Multiple R-squared: 0.349, Adjusted R-squared: 0.2526
## F-statistic: 3.623 on 29 and 196 DF, p-value: 4.137e-08
```

AAUW All

```
lm_all_AAUW <- lm(aauw~ngirls + female + white + repub + age + age2 + srvlng + srvlng2+ rgroup + demvot</pre>
summary(lm_all_AAUW)
##
## Call:
## lm(formula = aauw ~ ngirls + female + white + repub + age + age2 +
      srvlng + srvlng2 + rgroup + demvote + factor(totchi) + factor(region),
##
##
      data = datAAUW105)
##
## Residuals:
##
      Min
               1Q Median
                              3Q
                                     Max
## -58.930 -11.232 -0.809
                           8.842 74.928
##
## Coefficients:
                         Estimate Std. Error t value Pr(>|t|)
                        36.450769 23.400913 1.558 0.120100
## (Intercept)
## ngirls
                         2.384821
                                  1.123848 2.122 0.034448 *
                         9.193665 2.910140 3.159 0.001702 **
## female
                         0.143934 3.675846
## white
                                             0.039 0.968785
## repub
                       -60.468440 2.280175 -26.519 < 2e-16 ***
## age
                         0.854420 0.860012 0.993 0.321065
                        ## age2
## srvlng
                        -0.207689 0.323641 -0.642 0.521416
## srvlng2
                         0.003581 0.010908 0.328 0.742865
## rgroupNone
                         5.670655 7.605983 0.746 0.456374
                        -4.504837 2.091041 -2.154 0.031806 *
## rgroupCatholic
## rgroupOther Christian 3.204342 4.983300 0.643 0.520580
## rgroupOther religion
                         9.682583 4.047467
                                              2.392 0.017204 *
## demvote
                        62.147959 11.567940
                                             5.372 1.32e-07 ***
## factor(totchi)1
                        -3.497354
                                  3.738651
                                             -0.935 0.350113
## factor(totchi)2
                        -4.408748 3.038459 -1.451 0.147565
## factor(totchi)3
                        -7.397466 3.526217 -2.098 0.036542 *
## factor(totchi)4
                       -10.871754 4.061698 -2.677 0.007740 **
                       -13.035875    5.093865    -2.559    0.010859 *
## factor(totchi)5
## factor(totchi)6
                       -17.865026 8.953045 -1.995 0.046672 *
```

```
## factor(totchi)7
                        -11.856900 10.376659 -1.143 0.253864
## factor(totchi)8
                        -43.702778 12.225549 -3.575 0.000393 ***
## factor(totchi)9
                        -15.928693 19.124351
                                             -0.833 0.405395
## factor(totchi)10
                        -26.659436 18.646598 -1.430 0.153574
## factor(region)2
                         -9.286950
                                   4.408594 -2.107 0.035775 *
## factor(region)3
                        -12.576558 4.421819 -2.844 0.004680 **
                         -7.869625 5.086779 -1.547 0.122632
## factor(region)4
## factor(region)5
                                  4.565364 -2.203 0.028184 *
                        -10.056063
## factor(region)6
                        -19.685949 5.393746 -3.650 0.000297 ***
## factor(region)7
                        -15.546480 4.887668 -3.181 0.001583 **
## factor(region)8
                        -16.451153
                                    5.450929 -3.018 0.002706 **
                                   4.432920 -1.953 0.051532 .
## factor(region)9
                         -8.656789
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 17.44 on 402 degrees of freedom
     (1 observation deleted due to missingness)
## Multiple R-squared:
                       0.84, Adjusted R-squared: 0.8276
## F-statistic: 68.06 on 31 and 402 DF, p-value: < 2.2e-16
```

AAUW Men only

```
lm_men_AAUW <- lm(aauw~ngirls + female + white + repub + age + age2 + srvlng + srvlng2+ rgroup + demvote
summary(lm_men_AAUW)</pre>
```

```
##
## Call:
## lm(formula = aauw ~ ngirls + female + white + repub + age + age2 +
       srvlng + srvlng2 + rgroup + demvote + factor(totchi) + factor(region),
##
       data = datAAUW105, subset = female == 0)
##
## Residuals:
##
                1Q Median
                                3Q
      Min
                                       Max
  -60.641 -11.040 -0.985
                             9.572 75.674
##
## Coefficients: (1 not defined because of singularities)
                           Estimate Std. Error t value Pr(>|t|)
##
## (Intercept)
                          26.728420 24.211590
                                                 1.104 0.270362
                           2.486103
                                                 2.117 0.034940 *
                                      1.174253
## ngirls
## female
                                 NΑ
                                            NA
                                                    NA
## white
                          -1.196786
                                      4.143799
                                               -0.289 0.772893
## repub
                         -61.043642
                                    2.388256 -25.560 < 2e-16 ***
## age
                          1.298691
                                      0.881865
                                                1.473 0.141727
## age2
                          -0.010788
                                    0.008468 -1.274 0.203495
## srvlng
                          -0.406994
                                    0.334367 -1.217 0.224334
## srvlng2
                           0.009764 0.011184
                                                 0.873 0.383235
## rgroupNone
                           6.675761
                                      8.294711
                                                 0.805 0.421461
                                               -2.436 0.015351 *
## rgroupCatholic
                          -5.381219
                                    2.209227
## rgroupOther Christian
                          2.514050
                                     4.969209
                                                0.506 0.613223
## rgroupOther religion
                          10.116007
                                      4.233089
                                                 2.390 0.017381 *
## demvote
                          60.199121 12.569764
                                               4.789 2.46e-06 ***
## factor(totchi)1
                                      3.933461 -1.249 0.212340
                          -4.914484
## factor(totchi)2
                          -4.361137
                                      3.130809
                                               -1.393 0.164499
## factor(totchi)3
                          -9.187742
                                      3.601294 -2.551 0.011153 *
```

```
## factor(totchi)4
                        -10.957038 4.236569 -2.586 0.010099 *
                        -13.746200 5.200820 -2.643 0.008580 **
## factor(totchi)5
## factor(totchi)6
                        -18.665181
                                   8.932429 -2.090 0.037365 *
## factor(totchi)7
                        -12.458069 10.359624 -1.203 0.229948
## factor(totchi)8
                        -44.221245 12.245839 -3.611 0.000349 ***
## factor(totchi)9
                        -14.751013 19.047621 -0.774 0.439193
## factor(totchi)10
                        -25.354515 18.552174 -1.367 0.172597
## factor(region)2
                        -6.148925 4.700218 -1.308 0.191645
## factor(region)3
                         -9.206951 4.698228 -1.960 0.050817 .
## factor(region)4
                         -3.204894 5.438821 -0.589 0.556060
## factor(region)5
                         -8.207881 4.869249 -1.686 0.092741 .
                        -17.006333 5.573059 -3.052 0.002448 **
## factor(region)6
## factor(region)7
                        -12.904979 5.157700 -2.502 0.012796 *
## factor(region)8
                        -11.765309 5.823188 -2.020 0.044090 *
## factor(region)9
                         -5.196700 4.807729 -1.081 0.280473
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 17.25 on 355 degrees of freedom
     (1 observation deleted due to missingness)
## Multiple R-squared: 0.8382, Adjusted R-squared: 0.8246
## F-statistic: 61.32 on 30 and 355 DF, p-value: < 2.2e-16
```

AAUW Women only

```
lm_women_AAUW <- lm(aauw~ngirls + female + white + repub + age + age2 + srvlng + srvlng2+ rgroup + demve
summary(lm_women_AAUW)
```

```
##
## Call:
## lm(formula = aauw ~ ngirls + female + white + repub + age + age2 +
       srvlng + srvlng2 + rgroup + demvote + factor(totchi) + factor(region),
       data = datAAUW105, subset = female == 1)
##
##
## Residuals:
       Min
                10 Median
                                3Q
                                       Max
## -30.546 -6.898
                     0.674
                             7.502
                                   41.971
## Coefficients: (1 not defined because of singularities)
                         Estimate Std. Error t value Pr(>|t|)
                        223.81682 158.22882
                                              1.415
## (Intercept)
                                                       0.1701
## ngirls
                         -3.89966
                                     6.40831 -0.609
                                                        0.5486
## female
                               NA
                                          NΑ
                                                  NΑ
                                                           NΑ
## white
                         14.13537
                                    12.54436
                                              1.127
                                                        0.2710
## repub
                        -57.63640
                                    10.95758 -5.260 2.15e-05 ***
## age
                         -6.16709
                                     6.10088 -1.011
                                                       0.3222
## age2
                          0.06056
                                     0.05939
                                              1.020
                                                       0.3180
## srvlng
                         -2.63811
                                     3.19266 -0.826
                                                       0.4168
## srvlng2
                          0.15117
                                     0.19245
                                               0.786
                                                       0.4398
                                              0.210
## rgroupNone
                          4.83708
                                    23.02512
                                                       0.8354
## rgroupCatholic
                          2.37714
                                     9.87195
                                               0.241
                                                       0.8118
## rgroupOther religion 18.60723
                                               0.865
                                                       0.3958
                                    21.52113
## demvote
                         85.46721
                                    43.28117
                                               1.975
                                                       0.0599 .
## factor(totchi)1
                          2.23827
                                    17.52019
                                               0.128
                                                       0.8994
```

```
## factor(totchi)2
                          0.11098
                                    20.39380
                                               0.005
                                                       0.9957
                                               0.087
                                                       0.9315
## factor(totchi)3
                          2.75609
                                    31.72498
## factor(totchi)4
                          1.23483
                                    25.19356
                                               0.049
                                                       0.9613
## factor(totchi)5
                                    37.71221
                                               0.050
                                                       0.9602
                          1.89993
## factor(region)2
                        -32.50622
                                    20.82862
                                              -1.561
                                                       0.1317
## factor(region)3
                        -30.80865
                                    20.78426
                                             -1.482
                                                       0.1513
                                             -1.670
## factor(region)4
                        -41.83044
                                    25.04406
                                                       0.1079
## factor(region)5
                        -16.53341
                                    20.64385
                                             -0.801
                                                       0.4311
## factor(region)7
                        -30.56968
                                    22.88712
                                             -1.336
                                                       0.1942
## factor(region)8
                        -45.70426
                                    25.05869 -1.824
                                                       0.0806
## factor(region)9
                        -27.81003
                                    19.99537 -1.391
                                                       0.1770
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 20.76 on 24 degrees of freedom
## Multiple R-squared: 0.8464, Adjusted R-squared: 0.6992
## F-statistic: 5.751 on 23 and 24 DF, p-value: 3.283e-05
```

AAUW Dems only

```
lm_Dem_AAUW <- lm(aauw~ngirls + female + white + repub + age + age2 + srvlng + srvlng2+ rgroup + demvot
summary(lm_Dem_AAUW)

##

## Call:
## lm(formula = aauw ~ ngirls + female + white + repub + age + age2 +
##

srvlng + srvlng2 + rgroup + demvote + factor(totchi) + factor(region),
##

data = datAAUW105, subset = repub == 0)</pre>
```

```
## Residuals:
## Min 1Q Median 3Q Max
## -50.162 -7.602 2.148 8.820 33.056
```

##

factor(totchi)5

##

Coefficients: (1 not defined because of singularities)
Estimate Std. Error t value Pr(

```
##
                          Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                          42.21839
                                     29.24965
                                                 1.443 0.150661
## ngirls
                                                 1.543 0.124601
                           2.21982
                                      1.43865
## female
                           5.61865
                                      3.26310
                                                 1.722 0.086820 .
                          -2.61522
                                      4.15054
                                               -0.630 0.529438
## white
## repub
                                NA
                                           NA
                                                   NA
                                      1.06505
## age
                           1.40393
                                                 1.318 0.189128
## age2
                          -0.01447
                                      0.01017 -1.422 0.156622
## srvlng
                          -0.79808
                                      0.38736 -2.060 0.040816 *
## srvlng2
                                      0.01234
                                                1.809 0.072116 .
                           0.02233
## rgroupNone
                           0.23942
                                      6.94932
                                                0.034 0.972555
## rgroupCatholic
                          -7.27201
                                      2.71019 -2.683 0.007975 **
## rgroupOther Christian
                          -0.02419
                                     16.43604 -0.001 0.998827
                                      4.02578
                                                2.174 0.031011 *
## rgroupOther religion
                           8.75240
## demvote
                          50.30594
                                     13.83243
                                                3.637 0.000361 ***
## factor(totchi)1
                          -3.46962
                                      4.32323 -0.803 0.423298
## factor(totchi)2
                          -3.32266
                                      3.93085 -0.845 0.399084
## factor(totchi)3
                          -9.04969
                                      4.74603 -1.907 0.058149 .
## factor(totchi)4
                         -13.61150
                                      5.51434 -2.468 0.014511 *
```

-15.73067

6.69158 -2.351 0.019821 *

```
## factor(totchi)6
                         -8.01419
                                    12.36910 -0.648 0.517867
## factor(totchi)8
                        -68.05779
                                    18.57496 -3.664 0.000327 ***
## factor(region)2
                        -13.52838
                                     4.57596 -2.956 0.003532 **
## factor(region)3
                                     4.66590 -2.610 0.009819 **
                        -12.17839
## factor(region)4
                         -2.35765
                                     6.08517 -0.387 0.698890
## factor(region)5
                         -6.73776
                                     5.14260 -1.310 0.191812
## factor(region)6
                        -22.07244
                                     6.76160 -3.264 0.001314 **
## factor(region)7
                        -12.86082
                                     5.53100 -2.325 0.021181 *
## factor(region)8
                         -0.52160
                                     9.76073 -0.053 0.957442
## factor(region)9
                          1.27899
                                     4.76148 0.269 0.788538
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 15.27 on 179 degrees of freedom
## Multiple R-squared: 0.4854, Adjusted R-squared: 0.4077
## F-statistic: 6.253 on 27 and 179 DF, p-value: 7.549e-15
```

AAUW Repubs only

factor(totchi)7

```
lm_Repub_AAUW <- lm(aauw~ngirls + female + white + repub + age + age2 + srvlng + srvlng2+ rgroup + demv</pre>
summary(lm_Repub_AAUW)
##
## Call:
## lm(formula = aauw ~ ngirls + female + white + repub + age + age2 +
##
      srvlng + srvlng2 + rgroup + demvote + factor(totchi) + factor(region),
##
      data = datAAUW105, subset = repub == 1)
##
## Residuals:
##
      Min
               1Q Median
                               3Q
                                      Max
## -35.817 -10.042 -3.202
                            7.042 59.895
## Coefficients: (1 not defined because of singularities)
                          Estimate Std. Error t value Pr(>|t|)
                         -8.687539 33.804236 -0.257 0.797450
## (Intercept)
## ngirls
                          1.831060
                                    1.560151
                                               1.174 0.241955
## female
                          9.766288
                                     4.951286
                                               1.972 0.049954 *
                         -9.820723
                                     7.962712 -1.233 0.218919
## white
## repub
                                NA
                                           NA
                                                   NΑ
## age
                          0.162433
                                   1.264737
                                                0.128 0.897938
## age2
                          0.002632
                                   0.012180
                                               0.216 0.829159
## srvlng
                          0.453273 0.570117
                                                0.795 0.427540
## srvlng2
                         -0.018943 0.021846 -0.867 0.386931
## rgroupCatholic
                          0.404483 2.972684 0.136 0.891908
                         9.379919 5.378620
## rgroupOther Christian
                                                1.744 0.082732 .
## rgroupOther religion
                         11.091203 10.348192 1.072 0.285121
## demvote
                         98.201113 19.879168 4.940 1.66e-06 ***
## factor(totchi)1
                         -8.980516 5.986631 -1.500 0.135191
                                               -1.678 0.094849
## factor(totchi)2
                         -6.975158
                                    4.155761
## factor(totchi)3
                         -3.694519 4.686234 -0.788 0.431424
## factor(totchi)4
                         -6.128749 5.367847 -1.142 0.254943
## factor(totchi)5
                         -9.409704
                                    6.951927 -1.354 0.177435
## factor(totchi)6
                        -24.920088 11.693738 -2.131 0.034324 *
```

-5.834577 11.332177 -0.515 0.607222

```
## factor(totchi)8
                       -22.581465 15.535012 -1.454 0.147652
## factor(totchi)9
                       -25.697976 19.852532 -1.294 0.197028
## factor(totchi)10
                       -25.650826 18.924815 -1.355 0.176840
## factor(region)2
                       -15.736113 9.365064 -1.680 0.094484 .
                       -25.763849 9.297977 -2.771 0.006125 **
## factor(region)3
## factor(region)4
                       -21.288301 9.791534 -2.174 0.030886 *
## factor(region)5
                       -26.539521 9.293564 -2.856 0.004755 **
                       -29.986544 9.940308 -3.017 0.002893 **
## factor(region)6
## factor(region)7
                       -30.486389 9.605101 -3.174 0.001745 **
## factor(region)8
                       -33.747552 9.542710 -3.536 0.000506 ***
## factor(region)9
                       -32.582380 9.375596 -3.475 0.000628 ***
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 16.85 on 197 degrees of freedom
    (1 observation deleted due to missingness)
## Multiple R-squared: 0.3579, Adjusted R-squared: 0.2634
## F-statistic: 3.786 on 29 and 197 DF, p-value: 1.268e-08
```

Make the table

 $\begin{tabular}{l} Table 2: Replication of Table 3---Impact of Female Children on Legislator Voting on Women's Issues, by Legislator Gender and Party \\ \end{tabular}$

	Dependent variable:							
	NOW AAUW							
	$105 \mathrm{th}$	$105 \mathrm{th}$	$106 \mathrm{th}$	$107 \mathrm{th}$	108th			
	(1)	(2)	(3)	(4)	(5)			
Number of female children	2.300** (1.038)	2.385** (1.124)	1.688 (1.136)	2.421** (1.092)	2.250* (1.145)			
Female	10.838*** (2.690)	9.194*** (2.910)	10.440*** (2.881)	7.564*** (2.618)	6.909** (2.730)			
White	1.860 (3.451)	0.144 (3.676)	2.594 (3.833)	-2.626 (3.150)	1.939 (3.211)			
Republican	-44.903^{***} (2.109)	-60.468^{***} (2.280)	-55.927^{***} (2.335)	-63.216^{***} (2.120)	-63.932^{***} (2.436)			
Age	0.661 (0.800)	0.854 (0.860)	2.034** (0.902)	1.298 (0.799)	2.300*** (0.860)			
Age squared	-0.006 (0.008)	-0.006 (0.008)	-0.018** (0.009)	-0.012 (0.007)	-0.021^{**} (0.008)			
Service Length	0.235 (0.300)	-0.208 (0.324)	-0.726* (0.380)	-0.100 (0.346)	-0.139 (0.327)			
Service length squared	-0.009 (0.010)	0.004 (0.011)	0.025^* (0.013)	-0.0002 (0.011)	0.004 (0.010)			
No religion	7.262 (7.022)	5.671 (7.606)	5.353 (7.791)	7.027 (7.176)	-7.137 (7.499)			
Catholic	-3.974** (1.941)	-4.505** (2.091)	-2.277 (2.129)	-4.016^{**} (1.987)	-5.468^{***} (2.077)			
Other Christian	0.769 (4.600)	3.204 (4.983)	1.690 (4.912)	$ \begin{array}{c} 1.646 \\ (4.491) \end{array} $	3.874 (4.684)			
Other religion	10.866*** (3.752)	9.683** (4.047)	11.890*** (4.343)	10.286*** (3.785)	3.156 (3.959)			
Democratic vote share in district	84.158*** (10.869)	62.148*** (11.568)	57.437*** (12.018)	56.206*** (9.092)	66.950*** (10.889)			
N	430	434	434	434	433			

Note:

*p<0.1; **p<0.05; ***p<0.01