```
      name:  <unnamed>
       log:  /Users/semrasevi/Documents/7.Projects/Blais/Submitted/CES/log.smcl
  log type:  smcl
 opened on:   8 Feb 2021, 09:51:25

 1 . do "/var/folders/qf/61m331fn17g360fm97pjr12h0000gn/T//SD00383.000000"

 2 . ************************************************************
 3 . ** Title: Are voters' views about proportional outcomes **
 4 . ** shaped by partisan preferences?                        **
 5 . ** A survey experiment in the context of a real election**
 6 . ** By: André Blais, Semra Sevi and Carolina Plescia      **
 7 . ** Purpose:     replication analyses manuscript and sm    **
 8 . ** Data:        PSRM
 9 . ** Date:        February 2020
10 . ************************************************************
11 .
12 . /* This do-file replicates all the analyses that are reported in the manuscript
   > and the supplementary materials of "Are voters' views about proportional outcomes
   >         shaped by partisan preferences? A survey experiment in the context of a re
13 .
14 . use "CES2019 Campaign Period Survey Blais module data 2020-01-10.dta"
   ( )

15 .
16 . svyset[pweight=cps19_weight_general]

      pweight: cps19_weight_general
          VCE: linearized
  Single unit: missing
     Strata 1: <one>
         SU 1: <observations>
        FPC 1: <zero>

17 .
18 . rename blais_con_1_FPTP_1 con_fptp_1

19 . rename blais_con_2_FPTP_1 con_fptp_2

20 . rename blais_con_3_FPTP_1 con_fptp_3

21 . rename blais_con_1_PR_1 con_pr_1

22 . rename blais_con_2_PR_1 con_pr_2

23 . rename blais_con_3_PR_1 con_pr_3

24 . rename blais_lib_1_FPTP_1 lib_fptp_1
```

```
25 . rename blais_lib_2_FPTP_1 lib_fptp_2

26 . rename blais_lib_3_FPTP_1 lib_fptp_3

27 . rename blais_lib_1_PR_1 lib_pr_1

28 . rename blais_lib_2_PR_1 lib_pr_2

29 . rename blais_lib_3_PR_1 lib_pr_3

30 . rename blais_ndp_1_FPTP_1 ndp_fptp_1

31 . rename blais_ndp_2_FPTP_1 ndp_fptp_2

32 . rename blais_ndp_3_FPTP_1 ndp_fptp_3

33 . rename blais_ndp_1_PR_1 ndp_pr_1

34 . rename blais_ndp_2_PR_1 ndp_pr_2

35 . rename blais_ndp_3_PR_1 ndp_pr_3

36 . rename blais_grn_1_FPTP_1 grn_fptp_1

37 . rename blais_grn_2_FPTP_1 grn_fptp_2

38 . rename blais_grn_3_FPTP_1 grn_fptp_3

39 . rename blais_grn_1_PR_1 grn_pr_1

40 . rename blais_grn_2_PR_1 grn_pr_2

41 . rename blais_grn_3_PR_1 grn_pr_3

42 .
43 . *Appendix B
44 . svy: mean con_fptp_1
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs    =        637
   Number of PSUs   =     637        Population size = 608.690081
                                     Design df        =        636

   ------------------------------------------------------------------
                |             Linearized
                |       Mean   Std. Err.     [95% Conf. Interval]
```

con_fptp_1	**6.395396**	**.1162742**	**6.167068**	**6.623724**

```
45 . svy: mean con_fptp_2
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        624
   Number of PSUs   =     624        Population size =  632.05786
                                     Design df       =        623
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
con_fptp_2	**2.936089**	**.1297494**	**2.68129**	**3.190888**

```
46 . svy: mean con_fptp_3
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        651
   Number of PSUs   =     651        Population size = 636.315663
                                     Design df       =        650
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
con_fptp_3	**2.304232**	**.11928**	**2.070012**	**2.538453**

```
47 . svy: mean con_pr_1
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        650
   Number of PSUs   =     650        Population size = 632.635272
                                     Design df       =        649
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]

con_pr_1	**6.837095**	**.1212154**	**6.599074**	**7.075117**

```
48 . svy: mean con_pr_2
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        638
   Number of PSUs   =     638        Population size = 643.087822
                                     Design df       =        637
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
con_pr_2	**4.268514**	**.1371675**	**3.999158**	**4.537869**

```
49 . svy: mean con_pr_3
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        647
   Number of PSUs   =     647        Population size = 629.887517
                                     Design df       =        646
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
con_pr_3	**3.058334**	**.1270179**	**2.808916**	**3.307752**

```
50 . svy: mean lib_fptp_1
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        611
   Number of PSUs   =     611        Population size = 547.469326
                                     Design df       =        610
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
lib_fptp_1	**6.89113**	**.1225797**	**6.650401**	**7.13186**

```
-------------+------------------------------------------------------------
```

```
51 . svy: mean lib_fptp_2
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs    =         597
   Number of PSUs   =     597        Population size = 562.868643
                                     Design df       =         596
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
lib_fptp_2	**6.390953**	**.1129628**	**6.1691**	**6.612807**

```
52 . svy: mean lib_fptp_3
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs    =         627
   Number of PSUs   =     627        Population size =  581.89581
                                     Design df       =         626
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
lib_fptp_3	**3.471902**	**.1267669**	**3.222963**	**3.720842**

```
53 . svy: mean lib_pr_1
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs    =         624
   Number of PSUs   =     624        Population size = 575.835934
                                     Design df       =         623
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
lib_pr_1	**6.712324**	**.1068142**	**6.502565**	**6.922084**

```
54 . svy: mean lib_pr_2
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        607
   Number of PSUs   =     607        Population size = 543.025712
                                     Design df       =        606
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
lib_pr_2	**4.729735**	**.1336454**	**4.467271**	**4.992199**

```
55 . svy: mean lib_pr_3
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        629
   Number of PSUs   =     629        Population size = 579.955166
                                     Design df       =        628
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
lib_pr_3	**3.768549**	**.1485732**	**3.476789**	**4.06031**

```
56 . svy: mean ndp_fptp_1
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        302
   Number of PSUs   =     302        Population size =  349.84268
                                     Design df       =        301
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
ndp_fptp_1	**4.093255**	**.183053**	**3.733029**	**4.453481**

```
57 . svy: mean ndp_fptp_2
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        312
   Number of PSUs   =     312        Population size = 351.929325
                                     Design df       =        311
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
ndp_fptp_2	**3.715442**	**.1777686**	**3.365661**	**4.065223**

```
58 . svy: mean ndp_fptp_3
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        309
   Number of PSUs   =     309        Population size = 345.341337
                                     Design df       =        308
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
ndp_fptp_3	**3.597505**	**.1951053**	**3.213597**	**3.981413**

```
59 . svy: mean ndp_pr_1
   (running mean on estimation sample)

   Survey: Mean estimation

   Number of strata =       1        Number of obs   =        300
   Number of PSUs   =     300        Population size = 341.173633
                                     Design df       =        299
```

	Mean	Linearized Std. Err.	[95% Conf.	Interval]
ndp_pr_1	**4.543902**	**.1755467**	**4.198438**	**4.889365**

```
60 . svy: mean ndp_pr_2
```

```
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =       1        Number of obs   =        302
Number of PSUs   =     302        Population size = 329.382085
                                  Design df       =        301

------------------------------------------------------------------------------
             |             Linearized
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+----------------------------------------------------------------
      ndp_pr_2 |   4.352139   .1820632      3.993861    4.710417
------------------------------------------------------------------------------

61 . svy: mean ndp_pr_3
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =       1        Number of obs   =        293
Number of PSUs   =     293        Population size = 310.875776
                                  Design df       =        292

------------------------------------------------------------------------------
             |             Linearized
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+----------------------------------------------------------------
      ndp_pr_3 |   3.944084   .1908386       3.56849    4.319677
------------------------------------------------------------------------------

62 . svy: mean grn_fptp_1
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =       1        Number of obs   =        317
Number of PSUs   =     317        Population size = 342.853877
                                  Design df       =        316

------------------------------------------------------------------------------
             |             Linearized
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    grn_fptp_1 |   3.987916   .1869275      3.620136    4.355695
------------------------------------------------------------------------------

63 . svy: mean grn_fptp_2
(running mean on estimation sample)
```

```
Survey: Mean estimation

Number of strata =       1        Number of obs   =        312
Number of PSUs   =     312        Population size =  342.26011
                                  Design df       =        311

------------------------------------------------------------------------------
             |             Linearized
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  grn_fptp_2 |   3.702484   .2157632      3.277943    4.127024
------------------------------------------------------------------------------
```

```
64 . svy: mean grn_fptp_3
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =       1        Number of obs   =        340
Number of PSUs   =     340        Population size = 377.361037
                                  Design df       =        339

------------------------------------------------------------------------------
             |             Linearized
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  grn_fptp_3 |   3.687339   .1947437      3.304281    4.070397
------------------------------------------------------------------------------
```

```
65 . svy: mean grn_pr_1
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =       1        Number of obs   =        311
Number of PSUs   =     311        Population size = 342.963349
                                  Design df       =        310

------------------------------------------------------------------------------
             |             Linearized
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    grn_pr_1 |   4.692181   .1969449      4.304663    5.079698
------------------------------------------------------------------------------
```

```
66 . svy: mean grn_pr_2
(running mean on estimation sample)
```

```
Survey: Mean estimation

Number of strata =       1        Number of obs    =       326
Number of PSUs   =     326        Population size = 340.167996
                                  Design df        =       325

--------------------------------------------------------------
             |             Linearized
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
    grn_pr_2 |   4.417847   .1886532      4.046712    4.788983
--------------------------------------------------------------
```

```
67 . svy: mean grn_pr_3
(running mean on estimation sample)

Survey: Mean estimation

Number of strata =       1        Number of obs    =       317
Number of PSUs   =     317        Population size = 345.081943
                                  Design df        =       316

--------------------------------------------------------------
             |             Linearized
             |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
    grn_pr_3 |   4.388171   .2032551      3.988267    4.788075
--------------------------------------------------------------
```

```
68 .
69 . *, format(%11.3g) cell count
70 .
71 . *Table 1
72 . gen more_votes_fptp = con_fptp_1 if !missing(con_fptp_1)
(2,281 missing values generated)

73 . replace more_votes_fptp = lib_fptp_1 if !missing(lib_fptp_1)
(613 real changes made)

74 . replace more_votes_fptp = ndp_fptp_1 if !missing(ndp_fptp_1)
(304 real changes made)

75 . replace more_votes_fptp = grn_fptp_1 if !missing(grn_fptp_1)
(317 real changes made)

76 .
77 . gen average_vote_fptp = con_fptp_2 if !missing(con_fptp_2)
(2,294 missing values generated)
```

```
78 . replace average_vote_fptp = lib_fptp_2 if !missing(lib_fptp_2)
   (600 real changes made)

79 . replace average_vote_fptp = ndp_fptp_2 if !missing(ndp_fptp_2)
   (313 real changes made)

80 . replace average_vote_fptp = grn_fptp_2 if !missing(grn_fptp_2)
   (312 real changes made)

81 .
82 . gen fewer_votes_fptp = con_fptp_3 if !missing(con_fptp_3)
   (2,267 missing values generated)

83 . replace fewer_votes_fptp = lib_fptp_3 if !missing(lib_fptp_3)
   (628 real changes made)

84 . replace fewer_votes_fptp = ndp_fptp_3 if !missing(ndp_fptp_3)
   (310 real changes made)

85 . replace fewer_votes_fptp = grn_fptp_3 if !missing(grn_fptp_3)
   (340 real changes made)

86 .
87 . gen more_votes_pr = con_pr_1 if !missing(con_pr_1)
   (2,268 missing values generated)

88 . replace more_votes_pr = lib_pr_1 if !missing(lib_pr_1)
   (625 real changes made)

89 . replace more_votes_pr = ndp_pr_1 if !missing(ndp_pr_1)
   (301 real changes made)

90 . replace more_votes_pr = grn_pr_1 if !missing(grn_pr_1)
   (311 real changes made)

91 .
92 . gen average_vote_pr = con_pr_2 if !missing(con_pr_2)
   (2,280 missing values generated)

93 . replace average_vote_pr = lib_pr_2 if !missing(lib_pr_2)
   (609 real changes made)

94 . replace average_vote_pr = ndp_pr_2 if !missing(ndp_pr_2)
   (303 real changes made)

95 . replace average_vote_pr = grn_pr_2 if !missing(grn_pr_2)
   (326 real changes made)

96 .
```

```
 97 . gen fewer_votes_pr = con_pr_3 if !missing(con_pr_3)
   (2,271 missing values generated)

 98 . replace fewer_votes_pr = lib_pr_3 if !missing(lib_pr_3)
   (632 real changes made)

 99 . replace fewer_votes_pr = ndp_pr_3 if !missing(ndp_pr_3)
   (295 real changes made)

100 . replace fewer_votes_pr = grn_pr_3 if !missing(grn_pr_3)
   (317 real changes made)

101 .
102 . *reshape the dataset
103 . gen obs = _n

104 .
105 . reshape long con_fptp_ con_pr_ lib_fptp_ lib_pr_ ///
   >         ndp_fptp_ ndp_pr_ grn_fptp_ grn_pr_, i(obs) j(votes)
   (note: j = 1 2 3)

   Data                                wide   ->   long
   -----------------------------------------------------------------------------
   Number of obs.                     2918   ->    8754
   Number of variables                 246   ->     231
   j variable (3 values)                    ->   votes
   xij variables:
          con_fptp_1 con_fptp_2 con_fptp_3   ->   con_fptp_
                con_pr_1 con_pr_2 con_pr_3   ->   con_pr_
          lib_fptp_1 lib_fptp_2 lib_fptp_3   ->   lib_fptp_
                lib_pr_1 lib_pr_2 lib_pr_3   ->   lib_pr_
          ndp_fptp_1 ndp_fptp_2 ndp_fptp_3   ->   ndp_fptp_
                ndp_pr_1 ndp_pr_2 ndp_pr_3   ->   ndp_pr_
          grn_fptp_1 grn_fptp_2 grn_fptp_3   ->   grn_fptp_
                grn_pr_1 grn_pr_2 grn_pr_3   ->   grn_pr_
   -----------------------------------------------------------------------------

106 .
107 . rename con_fptp_ con_0

108 . rename con_pr_ con_1

109 . rename lib_fptp_ lib_0

110 . rename lib_pr_ lib_1

111 . rename ndp_fptp_ ndp_0

112 . rename ndp_pr_ ndp_1
```

```
113 . rename grn_fptp_ grn_0

114 . rename grn_pr_  grn_1

115 .
116 . reshape long con_ lib_ ndp_ grn_ , i(obs votes) j(PR)
    (note: j = 0 1)

    Data                               wide   ->   long
    -----------------------------------------------------------------------------
    Number of obs.                     8754   ->   17508
    Number of variables                 231   ->     228
    j variable (2 values)                    ->   PR
    xij variables:
                              con_0 con_1    ->   con_
                              lib_0 lib_1    ->   lib_
                              ndp_0 ndp_1    ->   ndp_
                              grn_0 grn_1    ->   grn_
    -----------------------------------------------------------------------------

117 .
118 . rename con_ satisfaction_1

119 . rename lib_ satisfaction_0

120 . rename ndp_ satisfaction_2

121 . rename grn_ satisfaction_3

122 .
123 . reshape long satisfaction_ , i(obs votes PR) j(party)
    (note: j = 0 1 2 3)

    Data                               wide   ->   long
    -----------------------------------------------------------------------------
    Number of obs.                    17508   ->   70032
    Number of variables                 228   ->     226
    j variable (4 values)                    ->   party
    xij variables:
    satisfaction_0 satisfaction_1 ... satisfaction_3->satisfaction_
    -----------------------------------------------------------------------------

124 .
125 . rename satisfaction_ satisfaction

126 . recode votes 1=1 2=0 3=-1
    (votes: 46688 changes made)
```

```
127 .
128 . label define votes_lab 1 "More" 0 "Average" -1 "Less"

129 . label define pr_lab 0 "FPTP" 1 "PR"

130 . label define party_lab 0 "Lib" 1 "Con" 2 "Ndp" 3 "Grn"

131 .
132 . label values votes votes_lab

133 . label values PR pr_lab

134 . label values party party_lab

135 .
136 . *create votes variable
137 . order satisfaction votes PR party

138 .
139 . *Table 1
140 . svy: mean satisfaction, over(votes) coeflegend
    (running mean on estimation sample)

    Survey: Mean estimation

    Number of strata =       1        Number of obs   =     11,283
    Number of PSUs   =  11,283        Population size = 11,292.958
                                      Design df       =     11,282

             Less: votes = Less
          Average: votes = Average
             More: votes = More

    ------------------------------------------------------------------------------
            Over |       Mean  Legend
    -------------+----------------------------------------------------------------
    satisfaction |
            Less |   3.407853  _b[satisfaction:Less]
         Average |   4.346732  _b[satisfaction:Average]
            More |   5.830566  _b[satisfaction:More]
    ------------------------------------------------------------------------------

141 . estat sd

             Less: votes = Less
          Average: votes = Average
             More: votes = More

    -------------+----------------------------
```

Over	Mean	Std. Dev.
satisfaction		
Less	**3.407853**	**2.879993**
Average	**4.346732**	**2.906857**
More	**5.830566**	**2.833295**

```
142 . test _b[satisfaction:Average] = _b[satisfaction:Less]

    Adjusted Wald test

     ( 1)  - [satisfaction]Less + [satisfaction]Average = 0

           F(  1, 11282) =  136.78
                Prob > F =    0.0000

143 . test _b[satisfaction:Average] = _b[satisfaction:More]

    Adjusted Wald test

     ( 1)  [satisfaction]Average - [satisfaction]More = 0

           F(  1, 11282) =  343.21
                Prob > F =    0.0000

144 .
145 . svy: mean satisfaction, over(PR) coeflegend
    (running mean on estimation sample)

    Survey: Mean estimation

    Number of strata =       1        Number of obs    =     11,283
    Number of PSUs   =  11,283        Population size = 11,292.958
                                      Design df       =     11,282

             FPTP: PR = FPTP
               PR: PR = PR
```

Over	Mean	Legend
satisfaction		
FPTP	**4.334112**	_b[satisfaction:FPTP]
PR	**4.711769**	_b[satisfaction:PR]

```
146 . estat sd
```

```
          FPTP: PR = FPTP
            PR: PR = PR

------------------------------------------
        Over |       Mean   Std. Dev.
-------------+----------------------------
satisfaction |
        FPTP |   4.334112    3.069328
          PR |   4.711769    3.001838
------------------------------------------

147 . test _b[satisfaction:FPTP] = _b[satisfaction:PR]

    Adjusted Wald test

     ( 1)  [satisfaction]FPTP - [satisfaction]PR = 0

           F(  1, 11282) =   30.71
                Prob > F =    0.0000

148 .
149 . gen ndp_grn = party

150 . recode ndp_grn 0 = 0 1 = 0 2 = 1 3 = 1
    (ndp_grn: 52524 changes made)

151 . label define ndp_grn_lab 0 "LIB/CON" 1 "NDP/GRN"

152 . label values ndp_grn ndp_grn_lab

153 .
154 .
155 . *create raw votes variable
156 . gen raw_votes = .
    (70,032 missing values generated)

157 . replace raw_votes = 40 if party == 1 & PR == 0 & votes == 1
    (2,918 real changes made)

158 . replace raw_votes = 34 if party == 1 & PR == 0 & votes == 0
    (2,918 real changes made)

159 . replace raw_votes = 28 if party == 1 & PR == 0 & votes == -1
    (2,918 real changes made)

160 . replace raw_votes = 40 if party == 1 & PR == 1 & votes == 1
    (2,918 real changes made)

161 . replace raw_votes = 34 if party == 1 & PR == 1 & votes == 0
```

```
    (2,918 real changes made)

162 . replace raw_votes = 28 if party == 1 & PR == 1 & votes == -1
    (2,918 real changes made)

163 .
164 . replace raw_votes = 40 if party == 0 & PR == 0 & votes == 1
    (2,918 real changes made)

165 . replace raw_votes = 34 if party == 0 & PR == 0 & votes == 0
    (2,918 real changes made)

166 . replace raw_votes = 28 if party == 0 & PR == 0 & votes == -1
    (2,918 real changes made)

167 . replace raw_votes = 40 if party == 0 & PR == 1 & votes == 1
    (2,918 real changes made)

168 . replace raw_votes = 34 if party == 0 & PR == 1 & votes == 0
    (2,918 real changes made)

169 . replace raw_votes = 28 if party == 0 & PR == 1 & votes == -1
    (2,918 real changes made)

170 .
171 . replace raw_votes = 19 if party == 2 & PR == 0 & votes == 1
    (2,918 real changes made)

172 . replace raw_votes = 13 if party == 2 & PR == 0 & votes == 0
    (2,918 real changes made)

173 . replace raw_votes = 7  if party == 2 & PR == 0 & votes == -1
    (2,918 real changes made)

174 . replace raw_votes = 19 if party == 2 & PR == 1 & votes == 1
    (2,918 real changes made)

175 . replace raw_votes = 13 if party == 2 & PR == 1 & votes == 0
    (2,918 real changes made)

176 . replace raw_votes = 7  if party == 2 & PR == 1 & votes == -1
    (2,918 real changes made)

177 .
178 . replace raw_votes = 17 if party == 3 & PR == 0 & votes == 1
    (2,918 real changes made)

179 . replace raw_votes = 11 if party == 3 & PR == 0 & votes == 0
    (2,918 real changes made)
```

```
180 . replace raw_votes = 5  if party == 3 & PR == 0 & votes == -1
    (2,918 real changes made)

181 . replace raw_votes = 17 if party == 3 & PR == 1 & votes == 1
    (2,918 real changes made)

182 . replace raw_votes = 11 if party == 3 & PR == 1 & votes == 0
    (2,918 real changes made)

183 . replace raw_votes = 5  if party == 3 & PR == 1 & votes == -1
    (2,918 real changes made)

184 .
185 . *create plurality variables
186 . gen plurality = .
    (70,032 missing values generated)

187 . replace plurality = 1 if party == 1 & PR == 0 & votes == 1
    (2,918 real changes made)

188 . replace plurality = 0 if party == 1 & PR == 0 & votes == 0
    (2,918 real changes made)

189 . replace plurality = 0 if party == 1 & PR == 0 & votes == -1
    (2,918 real changes made)

190 . replace plurality = 1 if party == 1 & PR == 1 & votes == 1
    (2,918 real changes made)

191 . replace plurality = 0 if party == 1 & PR == 1 & votes == 0
    (2,918 real changes made)

192 . replace plurality = 0 if party == 1 & PR == 1 & votes == -1
    (2,918 real changes made)

193 .
194 . replace plurality = 1 if party == 0 & PR == 0 & votes == 1
    (2,918 real changes made)

195 . replace plurality = 1 if party == 0 & PR == 0 & votes == 0
    (2,918 real changes made)

196 . replace plurality = 0 if party == 0 & PR == 0 & votes == -1
    (2,918 real changes made)

197 . replace plurality = 1 if party == 0 & PR == 1 & votes == 1
    (2,918 real changes made)
```

```
198 . replace plurality = 0 if party == 0 & PR == 1 & votes == 0
    (2,918 real changes made)

199 . replace plurality = 0 if party == 0 & PR == 1 & votes == -1
    (2,918 real changes made)

200 .
201 . replace plurality = 0 if party == 2 & PR == 0 & votes == 1
    (2,918 real changes made)

202 . replace plurality = 0 if party == 2 & PR == 0 & votes == 0
    (2,918 real changes made)

203 . replace plurality = 0 if party == 2 & PR == 0 & votes == -1
    (2,918 real changes made)

204 . replace plurality = 0 if party == 2 & PR == 1 & votes == 1
    (2,918 real changes made)

205 . replace plurality = 0 if party == 2 & PR == 1 & votes == 0
    (2,918 real changes made)

206 . replace plurality = 0 if party == 2 & PR == 1 & votes == -1
    (2,918 real changes made)

207 .
208 . replace plurality = 0 if party == 3 & PR == 0 & votes == 1
    (2,918 real changes made)

209 . replace plurality = 0 if party == 3 & PR == 0 & votes == 0
    (2,918 real changes made)

210 . replace plurality = 0 if party == 3 & PR == 0 & votes == -1
    (2,918 real changes made)

211 . replace plurality = 0 if party == 3 & PR == 1 & votes == 1
    (2,918 real changes made)

212 . replace plurality = 0 if party == 3 & PR == 1 & votes == 0
    (2,918 real changes made)

213 . replace plurality = 0 if party == 3 & PR == 1 & votes == -1
    (2,918 real changes made)

214 .
215 .
216 . *rescale the party ratings
217 . gen LP_rating = (cps19_party_rating_23)/100
    (2,304 missing values generated)
```

```
218 . gen CPC_rating = (cps19_party_rating_24)/100
    (2,688 missing values generated)

219 . gen NDP_rating = (cps19_party_rating_25)/100
    (3,888 missing values generated)

220 . gen Bloc_rating = (cps19_party_rating_26)/100
    (3,216 missing values generated)

221 . gen Grn_rating = (cps19_party_rating_27)/100
    (5,184 missing values generated)

222 . gen PPC_rating = (cps19_party_rating_28)/100
    (5,784 missing values generated)

223 .
    end of do-file

224 . do "/var/folders/qf/61m331fn17g360fm97pjr12h0000gn/T//SD00383.000000"

225 . *reshape to find the highest rating
226 . rename LP_rating rating0

227 . rename CPC_rating rating1

228 . rename NDP_rating rating2

229 . rename Grn_rating rating3

230 . rename Bloc_rating rating4

231 . rename PPC_rating rating5

232 .
    end of do-file

233 . do "/var/folders/qf/61m331fn17g360fm97pjr12h0000gn/T//SD00383.000000"

234 . label define partyrating_lab 0 "Lib" 1 "Con" 2 "Ndp" 3 "Grn" 4 "Bloc" 5 "PPC"

235 . reshape long rating, i(obs votes PR party) j(rating_party)
    (note: j = 0 1 2 3 4 5)

    Data                               wide   ->   long
    -----------------------------------------------------------------------------
    Number of obs.                    70032   ->  420192
    Number of variables                 235   ->     231
    j variable (6 values)                     ->   rating_party
```

```
    xij variables:
                rating0 rating1 ... rating5   ->   rating
    -----------------------------------------------------------------------------

236 . label values rating_party partyrating_lab

237 . sort obs votes PR party rating

238 . by obs votes PR party : egen rating_count = count(rating)

239 . by obs votes PR party : gen rating_margin = rating[rating_count] - rating[rating_c
    (3,888 missing values generated)

240 . reshape wide rating, i(obs votes PR party) j(rating_party)
    (note: j = 0 1 2 3 4 5)

    Data                               long   ->   wide
    -----------------------------------------------------------------------------
    Number of obs.                   420192   ->   70032
    Number of variables                 233   ->     237
    j variable (6 values)      rating_party   ->   (dropped)
    xij variables:
                                      rating   ->   rating0 rating1 ... rating5
    -----------------------------------------------------------------------------

241 . drop rating_count

242 .
    end of do-file

243 . do "/var/folders/qf/61m331fn17g360fm97pjr12h0000gn/T//SD00383.000000"

244 . rename rating0 LP_rating

245 . rename rating1 CPC_rating

246 . rename rating2 NDP_rating

247 . rename rating3 Grn_rating

248 . rename rating4 Bloc_rating

249 . rename rating5 PPC_rating

250 . gen strong_rating = rating_margin >= .15 if !missing(rating_margin)
    (648 missing values generated)

251 . label define strong_rating_lab 0 "Weak" 1 "Strong"
```

```
252 . label values strong_rating strong_rating_lab

253 .
    end of do-file

254 . do "/var/folders/qf/61m331fn17g360fm97pjr12h0000gn/T//SD00383.000000"

255 .
256 . *Table 2
257 . *regression
258 . eststo clear

259 . eststo m1: reg satisfaction raw_votes i.PR i.party [pw=cps19_weight_general], clus
    (sum of wgt is 11,292.9579535723)

    Linear regression                               Number of obs     =     11,283
                                                    F(5, 2857)        =     216.25
                                                    Prob > F          =     0.0000
                                                    R-squared         =     0.1394
                                                    Root MSE          =     2.8227

                                       (Std. Err. adjusted for 2,858 clusters in obs)
------------------------------------------------------------------------------
             |               Robust
satisfaction |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   raw_votes |   .2019501   .0069021    29.26   0.000     .1884166    .2154837
             |
          PR |
          PR |   .3443786   .0602069     5.72   0.000     .2263253     .462432
             |
       party |
         Con |  -1.031868   .1021335   -10.10   0.000    -1.232131   -.8316048
         Ndp |   2.939724   .2085233    14.10   0.000     2.530853    3.348596
         Grn |   3.483088   .2220522    15.69   0.000     3.047689    3.918486
             |
       _cons |  -1.714197   .2532628    -6.77   0.000    -2.210793    -1.2176
------------------------------------------------------------------------------

260 . eststo m2: reg satisfaction raw_votes i.PR i.party plurality [pw=cps19_weight_gene
    (sum of wgt is 11,292.9579535723)

    Linear regression                               Number of obs     =     11,283
                                                    F(6, 2857)        =     261.16
                                                    Prob > F          =     0.0000
                                                    R-squared         =     0.1994
                                                    Root MSE          =     2.7226

                                       (Std. Err. adjusted for 2,858 clusters in obs)
```

satisfaction	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
raw_votes	.0618076	.0068912	8.97	0.000	.0482953	.0753198
PR						
PR	.6074612	.0590595	10.29	0.000	.4916576	.7232648
party						
Con	-.5811513	.1027282	-5.66	0.000	-.7825803	-.3797223
Ndp	1.341036	.1898518	7.06	0.000	.968776	1.713297
Grn	1.572856	.1998224	7.87	0.000	1.181045	1.964667
plurality	2.646214	.1041151	25.42	0.000	2.442065	2.850362
_cons	1.593487	.2258091	7.06	0.000	1.150722	2.036252

261 . eststo m3: reg satisfaction c.raw_votes##i.PR i.party plurality [pw=cps19_weight_g
(sum of wgt is 11,292.9579535723)

Linear regression

Number of obs	=	11,283
F(7, 2857)	=	225.37
Prob > F	=	0.0000
R-squared	=	0.1994
Root MSE	=	2.7227

(Std. Err. adjusted for 2,858 clusters in obs)

satisfaction	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
raw_votes	.0633491	.0074785	8.47	0.000	.0486854	.0780129
PR						
PR	.6725421	.1627794	4.13	0.000	.3533651	.9917192
PR#c.raw_votes						
PR	-.00253	.0052584	-0.48	0.630	-.0128406	.0077806
party						
Con	-.5820365	.1026898	-5.67	0.000	-.78339	-.3806829
Ndp	1.344594	.1898868	7.08	0.000	.9722653	1.716923
Grn	1.57683	.1997097	7.90	0.000	1.18524	1.968419
plurality	2.640719	.1040312	25.38	0.000	2.436736	2.844703
_cons	1.554383	.2415037	6.44	0.000	1.080844	2.027922

```
262 . eststo m4: reg satisfaction raw_votes i.PR##i.party plurality [pw=cps19_weight_gen
    (sum of wgt is 11,292.9579535723)

    Linear regression                               Number of obs     =     11,283
                                                    F(9, 2857)        =     177.51
                                                    Prob > F          =     0.0000
                                                    R-squared         =     0.2006
                                                    Root MSE          =     2.7209

                                       (Std. Err. adjusted for 2,858 clusters in obs)
------------------------------------------------------------------------------
             |               Robust
satisfaction |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  raw_votes  |   .0662012   .0070674     9.37   0.000     .0523434     .080059
             |
          PR |
          PR |   .3305265   .0924356     3.58   0.000     .1492792    .5117738
             |
       party |
         Con |  -.8569003   .1143964    -7.49   0.000    -1.081208   -.6325924
         Ndp |   1.316125   .2067168     6.37   0.000     .9107954    1.721454
         Grn |   1.449573   .2170586     6.68   0.000     1.023966     1.87518
             |
     PR#party |
     PR#Con  |   .5208562   .1277267     4.08   0.000     .2704104    .7713021
     PR#Ndp  |   .1456916   .1801803     0.81   0.419     -.207605    .4989881
     PR#Grn  |   .3675719   .1963144     1.87   0.061    -.0173603    .7525042
             |
  plurality  |   2.563382    .105112    24.39   0.000     2.357279    2.769485
       _cons |   1.624326   .2251708     7.21   0.000     1.182812     2.06584
------------------------------------------------------------------------------

263 .
    end of do-file

264 . do "/var/folders/qf/61m331fn17g360fm97pjr12h0000gn/T//SD00383.000000"

265 .
266 . *Robustness
267 . *Appendix C
268 . eststo clear

269 . eststo m5: reg satisfaction c.votes i.PR i.party [pw=cps19_weight_general], cluste
    (sum of wgt is 11,292.9579535723)

    Linear regression                               Number of obs     =     11,283
                                                    F(5, 2857)        =     216.25
                                                    Prob > F          =     0.0000
```

R-squared	= **0.1394**
Root MSE	= **2.8227**

(Std. Err. adjusted for **2,858** clusters in obs)

satisfaction	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
votes	**1.211701**	**.0414125**	**29.26**	**0.000**	**1.130499**	**1.292902**
PR						
PR	**.3443786**	**.0602069**	**5.72**	**0.000**	**.2263253**	**.462432**
party						
Con	**-1.031868**	**.1021335**	**-10.10**	**0.000**	**-1.232131**	**-.8316048**
Ndp	**-1.301229**	**.1445739**	**-9.00**	**0.000**	**-1.584709**	**-1.017749**
Grn	**-1.161766**	**.152795**	**-7.60**	**0.000**	**-1.461365**	**-.862166**
_cons	**5.152108**	**.0741454**	**69.49**	**0.000**	**5.006724**	**5.297492**

270 . eststo m6: reg satisfaction c.votes i.PR i.party plurality [pw=cps19_weight_genera
(sum of wgt is 11,292.9579535723)

Linear regression

Number of obs	= **11,283**
F(6, 2857)	= **261.16**
Prob > F	= **0.0000**
R-squared	= **0.1994**
Root MSE	= **2.7226**

(Std. Err. adjusted for **2,858** clusters in obs)

satisfaction	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
votes	**.3708453**	**.0413473**	**8.97**	**0.000**	**.2897717**	**.451919**
PR						
PR	**.6074612**	**.0590595**	**10.29**	**0.000**	**.4916576**	**.7232648**
party						
Con	**-.5811513**	**.1027282**	**-5.66**	**0.000**	**-.7825803**	**-.3797223**
Ndp	**.0430777**	**.1577069**	**0.27**	**0.785**	**-.266153**	**.3523085**
Grn	**.1512822**	**.1651634**	**0.92**	**0.360**	**-.1725693**	**.4751338**
plurality	**2.646214**	**.1041151**	**25.42**	**0.000**	**2.442065**	**2.850362**
_cons	**3.694944**	**.0974398**	**37.92**	**0.000**	**3.503885**	**3.886003**

```
271 . eststo m7: reg satisfaction c.votes##i.PR i.party plurality [pw=cps19_weight_gener
    (sum of wgt is 11,292.9579535723)

Linear regression                               Number of obs     =     11,283
                                                F(7, 2857)        =     224.77
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1996
                                                Root MSE          =     2.7224

                                   (Std. Err. adjusted for 2,858 clusters in obs)
------------------------------------------------------------------------------
             |               Robust
satisfaction |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       votes |   .4252798   .0495778     8.58   0.000     .3280679    .5224918
             |
          PR |
          PR |   .6070448   .0590995    10.27   0.000     .4911627    .7229269
             |
  PR#c.votes |
          PR |  -.1106373   .0594759    -1.86   0.063    -.2272573    .0059828
             |
       party |
         Con |  -.5808428   .1027143    -5.65   0.000    -.7822444   -.3794412
         Ndp |   .0443441     .15773     0.28   0.779    -.2649321    .3536203
         Grn |   .1526748   .1651026     0.92   0.355    -.1710576    .4764071
             |
    plurality |   2.648304   .1041818    25.42   0.000     2.444025    2.852583
        _cons |   3.694598   .0974773    37.90   0.000     3.503465    3.885731
------------------------------------------------------------------------------

272 . eststo m8: reg satisfaction votes i.PR##i.party plurality [pw=cps19_weight_general
    (sum of wgt is 11,292.9579535723)

Linear regression                               Number of obs     =     11,283
                                                F(9, 2857)        =     177.51
                                                Prob > F          =     0.0000
                                                R-squared         =     0.2006
                                                Root MSE          =     2.7209

                                   (Std. Err. adjusted for 2,858 clusters in obs)
------------------------------------------------------------------------------
             |               Robust
satisfaction |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       votes |   .3972073   .0424046     9.37   0.000     .3140607     .480354
             |
          PR |
          PR |   .3305265   .0924356     3.58   0.000     .1492792    .5117738
```

party						
Con	-.8569003	.1143964	-7.49	0.000	-1.081208	-.6325924
Ndp	-.074101	.1829618	-0.41	0.686	-.4328515	.2846495
Grn	-.0730552	.1958229	-0.37	0.709	-.4570237	.3109132
PR#party						
PR#Con	.5208562	.1277267	4.08	0.000	.2704104	.7713021
PR#Ndp	.1456916	.1801803	0.81	0.419	-.207605	.4989881
PR#Grn	.3675719	.1963144	1.87	0.061	-.0173603	.7525042
plurality	2.563382	.105112	24.39	0.000	2.357279	2.769485
_cons	3.875167	.1021643	37.93	0.000	3.674844	4.075491

```
273 .
    end of do-file

274 . do "/var/folders/qf/61m331fn17g360fm97pjr12h0000gn/T//SD00383.000000"

275 . *Appendix D
276 . eststo clear

277 . eststo m9: reg satisfaction raw_votes i.PR i.party [pw=cps19_weight_general] if st
    (sum of wgt is 5,424.54493492842)

    Linear regression                               Number of obs     =      5,544
                                                    F(5, 1400)        =     169.80
                                                    Prob > F          =     0.0000
                                                    R-squared         =     0.2169
                                                    Root MSE          =      2.876

                                       (Std. Err. adjusted for 1,401 clusters in obs)
```

satisfaction	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
raw_votes	.2780994	.0105757	26.30	0.000	.2573535	.2988452
PR						
PR	.2418128	.0859439	2.81	0.005	.0732201	.4104055
party						
Con	-1.148385	.1332184	-8.62	0.000	-1.409714	-.8870562
Ndp	4.366826	.3268813	13.36	0.000	3.725596	5.008056
Grn	4.710727	.3458609	13.62	0.000	4.032266	5.389189
_cons	-4.445289	.3757078	-11.83	0.000	-5.1823	-3.708278

```
278 . eststo m10: reg satisfaction raw_votes i.PR i.party plurality [pw=cps19_weight_gen
(sum of wgt is 5,424.54493492842)

Linear regression                               Number of obs     =      5,544
                                                F(6, 1400)        =     209.53
                                                Prob > F          =     0.0000
                                                R-squared         =     0.2974
                                                Root MSE          =     2.7245

                                   (Std. Err. adjusted for 1,401 clusters in obs)
------------------------------------------------------------------------------
             |               Robust
satisfaction |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  raw_votes  |   .0813751   .0104969     7.75   0.000     .0607837    .1019665
             |
          PR |
          PR |   .5791765   .0829618     6.98   0.000     .4164338    .7419193
             |
       party |
         Con |  -.6015525   .1339869    -4.49   0.000    -.8643892   -.3387159
         Ndp |   1.899156   .3005977     6.32   0.000     1.309485    2.488826
         Grn |   1.808673    .307964     5.87   0.000     1.204552    2.412794
             |
  plurality  |   3.274845   .1463895    22.37   0.000     2.987678    3.562011
       _cons |    .450921   .3314088     1.36   0.174    -.1991905    1.101032
------------------------------------------------------------------------------

279 . eststo m11: reg satisfaction c.raw_votes##i.PR i.party plurality [pw=cps19_weight_
(sum of wgt is 5,424.54493492842)

Linear regression                               Number of obs     =      5,544
                                                F(7, 1400)        =     179.47
                                                Prob > F          =     0.0000
                                                R-squared         =     0.2978
                                                Root MSE          =     2.7239

                                   (Std. Err. adjusted for 1,401 clusters in obs)
------------------------------------------------------------------------------
             |               Robust
satisfaction |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  raw_votes  |   .0884035   .0109221     8.09   0.000     .0669781    .1098289
             |
          PR |
          PR |   .9282519   .2607473     3.56   0.000     .4167544    1.439749
             |
PR#c.raw_votes |
```

PR	-.0125338	.0080947	-1.55	0.122	-.0284129	.0033452
party						
Con	-.6039946	.133864	-4.51	0.000	-.8665902	-.3413989
Ndp	1.911347	.3002354	6.37	0.000	1.322388	2.500307
Grn	1.822235	.3072795	5.93	0.000	1.219457	2.425013
plurality	3.259441	.1458065	22.35	0.000	2.973418	3.545464
_cons	.2592269	.3462955	0.75	0.454	-.420087	.9385408

```
280 . eststo m12: reg satisfaction raw_votes i.PR##i.party plurality [pw=cps19_weight_ge
    (sum of wgt is 5,424.54493492842)

Linear regression                               Number of obs     =      5,544
                                                F(9, 1400)        =     140.77
                                                Prob > F          =     0.0000
                                                R-squared         =     0.2999
                                                Root MSE          =     2.7203

                                   (Std. Err. adjusted for 1,401 clusters in obs)
```

satisfaction	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
raw_votes	.0897724	.0107597	8.34	0.000	.0686655	.1108793
PR						
PR	.0971783	.1387086	0.70	0.484	-.1749208	.3692773
party						
Con	-.9787943	.1557236	-6.29	0.000	-1.284271	-.6733177
Ndp	1.800201	.328623	5.48	0.000	1.155555	2.444848
Grn	1.474238	.3429431	4.30	0.000	.8015005	2.146976
PR#party						
PR#Con	.6911757	.1747043	3.96	0.000	.3484653	1.033886
PR#Ndp	.3885329	.2920956	1.33	0.184	-.1844593	.9615251
PR#Grn	.9159822	.3236586	2.83	0.005	.2810741	1.55089
plurality	3.130116	.1479315	21.16	0.000	2.839924	3.420307
_cons	.4844156	.3338375	1.45	0.147	-.1704599	1.139291

```
281 .
    end of do-file

282 . do "/var/folders/qf/61m331fn17g360fm97pjr12h0000gn/T//SD00383.000000"
```

```
283 .
284 . eststo clear

285 . eststo m13: reg satisfaction raw_votes i.PR i.party [pw=cps19_weight_general] if s
(sum of wgt is 5,771.33622071147)

Linear regression                               Number of obs     =      5,646
                                                F(5, 1431)        =      65.28
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0873
                                                Root MSE          =     2.6865

                                   (Std. Err. adjusted for 1,432 clusters in obs)
------------------------------------------------------------------------------
             |               Robust
satisfaction |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   raw_votes |    .131793   .0084306    15.63   0.000     .1152553    .1483307
             |
          PR |
          PR |   .4204323   .0836675     5.03   0.000     .2563081    .5845564
             |
       party |
         Con |  -.7517736   .1527681    -4.92   0.000    -1.051447   -.4521003
         Ndp |   1.506353   .2561207     5.88   0.000     1.003941    2.008766
         Grn |   2.027298   .2714438     7.47   0.000     1.494828    2.559769
             |
       _cons |   .8220621   .3183189     2.58   0.010     .1976403    1.446484
------------------------------------------------------------------------------

286 . eststo m14: reg satisfaction raw_votes i.PR i.party plurality [pw=cps19_weight_gen
(sum of wgt is 5,771.33622071147)

Linear regression                               Number of obs     =      5,646
                                                F(6, 1431)        =      79.30
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1185
                                                Root MSE          =     2.6404

                                   (Std. Err. adjusted for 1,432 clusters in obs)
------------------------------------------------------------------------------
             |               Robust
satisfaction |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   raw_votes |   .0492573    .008944     5.51   0.000     .0317124    .0668021
             |
          PR |
          PR |   .5952944   .0833863     7.14   0.000     .4317219     .758867
             |
```

party						
Con	-.4469412	.153838	-2.91	0.004	-.7487135	-.145169
Ndp	.683578	.2417334	2.83	0.005	.2093881	1.157768
Grn	1.019583	.256649	3.97	0.000	.5161343	1.523031
plurality	1.786674	.1369425	13.05	0.000	1.518045	2.055304
_cons	2.639172	.3024912	8.72	0.000	2.045799	3.232546

287 . eststo m15: reg satisfaction c.raw_votes##i.PR i.party plurality [pw=cps19_weight_
(sum of wgt is 5,771.33622071147)

Linear regression

Number of obs	=	5,646
F(7, 1431)	=	70.89
Prob > F	=	0.0000
R-squared	=	0.1186
Root MSE	=	2.6404

(Std. Err. adjusted for 1,432 clusters in obs)

satisfaction	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
raw_votes	.0456934	.0101325	4.51	0.000	.0258172	.0655695
PR						
PR	.4631092	.2111124	2.19	0.028	.0489862	.8772323
PR#c.raw_votes						
PR	.0055724	.0071012	0.78	0.433	-.0083574	.0195022
party						
Con	-.4440015	.1539099	-2.88	0.004	-.7459148	-.1420883
Ndp	.6751597	.2421736	2.79	0.005	.2001064	1.150213
Grn	1.009555	.2570765	3.93	0.000	.5052676	1.513842
plurality	1.804061	.1375055	13.12	0.000	1.534327	2.073795
_cons	2.723307	.3292738	8.27	0.000	2.077396	3.369218

288 . eststo m16: reg satisfaction raw_votes i.PR##i.party plurality [pw=cps19_weight_ge
(sum of wgt is 5,771.33622071147)

Linear regression

Number of obs	=	5,646
F(9, 1431)	=	55.97
Prob > F	=	0.0000
R-squared	=	0.1194
Root MSE	=	2.6397

(Std. Err. adjusted for **1,432** clusters in obs)

satisfaction	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
raw_votes	**.0503679**	**.0091921**	**5.48**	**0.000**	**.0323364**	**.0683995**
PR						
PR	**.5212381**	**.1176922**	**4.43**	**0.000**	**.2903704**	**.7521058**
party						
Con	**-.6280049**	**.1687**	**-3.72**	**0.000**	**-.9589307**	**-.2970792**
Ndp	**.7298552**	**.2665982**	**2.74**	**0.006**	**.20689**	**1.25282**
Grn	**1.041794**	**.2742326**	**3.80**	**0.000**	**.5038526**	**1.579735**
PR#party						
PR#Con	**.3574976**	**.1896208**	**1.89**	**0.060**	**-.014467**	**.7294621**
PR#Ndp	**-.0692637**	**.2286766**	**-0.30**	**0.762**	**-.517841**	**.3793136**
PR#Grn	**-.0128756**	**.2455446**	**-0.05**	**0.958**	**-.4945415**	**.4687903**
plurality	**1.765985**	**.138788**	**12.72**	**0.000**	**1.493736**	**2.038235**
_cons	**2.648134**	**.3002193**	**8.82**	**0.000**	**2.059217**	**3.237051**

```
289 .
    end of do-file

290 . log close
          name:  <unnamed>
           log:  /Users/semrasevi/Documents/7.Projects/Blais/Submitted/CES/log.smcl
      log type:  smcl
     closed on:   8 Feb 2021, 09:52:45
```