Explanatory data memo

This document pertains to the dataset submitted along with the paper “Mobilizing the Young Vote: Direct Mail Voter Guides in the 2015Chicago Mayoral Election.”

The dataset itself is in Stata (version 13.1) format.

The zip file contains the following:

- the dataset (52,324 observations) “multilevel chicago experiment data-3rd version.dta”
- the analysis do file “analysis-chicago-experiment-4.do”
- the log file “analysis-chicago-experiment-4.log”
- this explanatory memo

Note that the do and log file includes additional analyses not included in the paper itself. Furthermore, the Stata package “outreg2” must be installed in order to produce the output tables in the do file. Executing the do file will reproduce the results presented in the paper. Please note, however, that the location of the dataset (as defined on line 4 of the do file) must be changed to the location of the dataset and that the do file will replace the current log file (see the command on line 6 of the do file).

The dataset:

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vanid                                                          Unique observation identifier (SmartVAN data)
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              type:  numeric (long)

             range:  [503,19763271]            units:  1
      unique values:  52324                 missing .:  0/52324

              mean:   1.3e+07
           std. dev:   6.5e+06

        percentiles:       10%       25%       50%       75%       90%
                     4.3e+06   7.2e+06   1.8e+07   1.9e+07   2.0e+07

-------------------------------------------------------------------------------------------------------
treatment                                                      Dummy variable for treatment group
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              type:  numeric (byte)

             range:  [0,1]                     units:  1
      unique values:  2                     missing .:  0/52324

        tabulation:  Freq.  Value
                     30145  0
                     22179  1
```

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census_tract — Chicago Census tract identifier

---

type: numeric (float)

range: [101,8439] units: .01
unique values: 794 missing .: 0/52324

mean: 3814.77
std. dev: 2830.92

percentiles: 10% 25% 50% 75% 90%
505 1003 3005 6611 8326

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female — Dummy for female observations

---

type: numeric (byte)
label: female, but 1 nonmissing value is not labeled

range: [0,1] units: 1
unique values: 2 missing .: 0/52324

tabulation: Freq. Numeric Label
21185 0
31139 1 F

---

age — Age of observation (18-30)

---

type: numeric (byte)

range: [18,30] units: 1
unique values: 13 missing .: 0/52324

mean: 25.4562
std. dev: 3.42035

percentiles: 10% 25% 50% 75% 90%
20 23 26 28 30

---
race Race/ethnicity identifier
---

type: numeric (byte)
label: r2

range: [1,4] units: 1
unique values: 4 missing .: 0/52324

tabulation: Freq. Numeric Label
25657 1 White
12892 2 Black
7183 3 Latino
6592 4 Other

---
vote 4-point vote scale
---

type: numeric (byte)

range: [-1,2] units: 1
unique values: 4 missing .: 0/52324

tabulation: Freq. Value
34999 -1 Did not vote
14459 0 Voted on election day
2064 1 Voted early
802 2 Voted by mail

---
vote2 2-point vote scale
---

type: numeric (byte)

range: [0,1] units: 1
unique values: 2 missing .: 0/52324

tabulation: Freq. Value
34999 0 Did not vote
17325 1 Voted

---
febmunicipal15 Dummy for voting in 2015 municipal election
---

type: string (str1)

unique values: 4 missing "": 0/52324

tabulation: Freq. Value
802 "A"
2064 "E"
34999 "N"
14459 "P"

---

febmunicipal11 Dummy for voting in 2011 municipal election

---

type: numeric (byte)

range: [0,0] units: 1
unique values: 1 missing .: 36752/52324

tabulation: Freq. Value
15572 0
36752 .

---

general14 Dummy for voting in 2014 general election

---

type: numeric (byte)

range: [1,1] units: 1
unique values: 1 missing .: 17371/52324

tabulation: Freq. Value
34953 1
17371 .

---

total_pop Census tract total population (ACS data)

---

type: numeric (int)

range: [178,16375] units: 1
unique values: 745 missing .: 0/52324

mean: 4088.95
std. dev: 2039.37

percentiles: 10% 25% 50% 75% 90%
1819 2618 3767 5214 6557

---
med_age Census tract median age (ACS data)
---

type: numeric (float)

range: [15.4,59.6] units: .1
unique values: 246 missing .: 0/52324

mean: 34.0796
std. dev: 5.80011

percentiles: 10% 25% 50% 75% 90%
27.8 30.1 33 38 42.6

---
pct_white Census tract white population percentage (ACS data)
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type: numeric (float)

range: [0,98.4] units: .1
unique values: 452 missing .: 0/52324

mean: 47.2602
std. dev: 34.5022

percentiles: 10% 25% 50% 75% 90%
.7 4.4 56 79.3 87.6

---
pct_black Census tract black population percentage (ACS data)
---

type: numeric (float)

range: [0,100] units: .1
unique values: 345 missing .: 0/52324

mean: 37.1458
std. dev: 40.6702

percentiles: 10% 25% 50% 75% 90%
.8 2.8 12.1 91.7 97.4

---
pct_other Census tract other population percentage (ACS data)
---

type: numeric (float)

range: [0,90.9] units: .1
unique values: 381 missing .: 0/52324

mean: 15.5939
std. dev: 15.0569

percentiles: 10% 25% 50% 75% 90%
.9 3.5 11.9 22.5 37.1

---

pct_latino Census tract latino population percentage (ACS data)

---

type: numeric (float)

range: [0,98.7] units: .1
unique values: 408 missing .: 0/52324

mean: 21.0474
std. dev: 26.3425

percentiles: 10% 25% 50% 75% 90%
.6 2.6 8 29.2 69.1

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pct_less_hs Census tract less than high school education percentage (ACS data)

---

type: numeric (float)

range: [0,70.9] units: .1
unique values: 378 missing .: 0/52324

mean: 16.6118
std. dev: 13.1212

percentiles: 10% 25% 50% 75% 90%
1.7 5.9 13.9 24.3 34.3

---

pct_hs_diploma Census tract high school education percentage (ACS data)

---

type: numeric (float)

range: [0,58.6] units: .1

unique values: 366 missing .: 0/52324

mean: 21.8289
std. dev: 12.0875

percentiles: 10% 25% 50% 75% 90%
5.2 9.8 23.2 31.6 37.3

---

pct_some_college Census tract some college education percentage (ACS data)

---

type: numeric (float)

range: [3.5,52.2] units: .1
unique values: 337 missing .: 0/52324

mean: 23.8192
std. dev: 10.0955

percentiles: 10% 25% 50% 75% 90%
11.1 15.7 23.3 31.7 37.6

---

pct_college_grad Census tract college education percentage (ACS data)

---

type: numeric (float)

range: [0,64.8] units: .1
unique values: 367 missing .: 0/52324

mean: 22.241
std. dev: 15.3057

percentiles: 10% 25% 50% 75% 90%
5 8.8 18 35.4 45

---

pct_pro_degree Census tract professional education percentage (ACS data)

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type: numeric (float)

range: [0,64.3] units: .1

unique values: 315 missing .: 0/52324

mean: 15.4977
std. dev: 13.6017

percentiles: 10% 25% 50% 75% 90%
1.7 4 10.5 26.8 36.9

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med_hh_inc Census tract median household income (ACS data)

---

type: numeric (long)

range: [2500,80250] units: 1
unique values: 781 missing .: 0/52324

mean: 30476.8
std. dev: 15743.5

percentiles: 10% 25% 50% 75% 90%
14585 18287 25585 42093 54142

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pct_poverty Census tract population below poverty line percentage (ACS data)

---

type: numeric (float)

range: [.6,100] units: .1
unique values: 408 missing .: 0/52324

mean: 22.461
std. dev: 14.0382

percentiles: 10% 25% 50% 75% 90%
6.4 11.1 19.8 31.6 43.4