```
                                                      ___  ____  ____
____  ____(R)
                                                     /__    /
____/   /   ____/
                                                    ___/   /   /
___/   /   /___/
                                                      Statistics/Data
Analysis

            troll |  -.0029787   .0073555    -0.40   0.686     -.
017404    .0114466
            _cons |   .0212342   .0036519     5.81   0.000     .
0140723    .0283962

------------------------------------------------------------------------
--------

     1 .
     2 . * Overall measure of bad actors:
     3 . gen badactor = 0

     4 . replace badactor = 1 if funny == 1 | likely_troll == 1
      (493 real changes made)

     5 . tab badactor

         badactor |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |      1,507       75.35       75.35
                1 |        493       24.65      100.00
      ------------+-----------------------------------
            Total |      2,000      100.00

     6 .
      end of do-file

     7 . clear

     8 . log using c:dissert.log

------------------------------------------------------------------------
------------------------------------------------------------------------
-----------
            name:  <unnamed>
             log:  /Users/carrieroush/Dropbox/turk/replication_public/
data/c:dissert.log
        log type:  text
       opened on:   5 Mar 2021, 11:00:36

     9 . do "/var/folders/4n/3bt7kbhs6vgdxb_199pp1pk80000gn/T//
```

```
SD41461.000000"

    10 .
    11 . ** Set WD
    12 . cd "~/Dropbox/turk/replication_public/data/"
      /Users/carrieroush/Dropbox/turk/replication_public/data

    13 .
    14 . ** Load data
    15 . insheet using "turk_08_17_2018/turk_recoded_public.csv",
clear names
      (212 vars, 2,000 obs)

    16 .
    17 . **Generating dummies for various indicators of low quality
responding from IPs
    18 . **The "tabs" lead to numbers produced in Table 1
    19 . **These numbers are also repeated in row 1 of Table 3
    20 .
    21 . gen black=1 if blacklisted=="TRUE"
      (1,679 missing values generated)

    22 . replace black=0 if blacklisted=="FALSE"
      (1,670 real changes made)

    23 . tab black

          black |      Freq.     Percent        Cum.
      ------------+-----------------------------------
              0 |      1,670       83.88       83.88
              1 |        321       16.12      100.00
      ------------+-----------------------------------
          Total |      1,991      100.00

    24 .
    25 . gen miss=1 if missing_ip=="TRUE"
      (1,991 missing values generated)

    26 . replace miss=0 if missing_ip=="FALSE"
      (1,991 real changes made)

    27 . tab miss

           miss |      Freq.     Percent        Cum.
      ------------+-----------------------------------
              0 |      1,991       99.55       99.55
              1 |          9        0.45      100.00
      ------------+-----------------------------------
          Total |      2,000      100.00
```

```
28 .
29 . gen dup=1 if duplicated=="TRUE"
  (1,894 missing values generated)

30 . replace dup=0 if duplicated=="FALSE"
  (1,885 real changes made)

31 . tab dup

         dup |      Freq.     Percent        Cum.
  -----------+-----------------------------------
           0 |      1,885       94.68       94.68
           1 |        106        5.32      100.00
  -----------+-----------------------------------
       Total |      1,991      100.00

32 .
33 . gen foreign=1 if foreign_ip=="TRUE"
  (1,881 missing values generated)

34 . replace foreign=0 if foreign_ip=="FALSE"
  (1,870 real changes made)

35 . tab foreign

      foreign |      Freq.     Percent        Cum.
  ------------+-----------------------------------
            0 |      1,870       94.02       94.02
            1 |        119        5.98      100.00
  ------------+-----------------------------------
       Total |      1,989      100.00

36 .
37 . *any of the above
38 . gen funny=1 if funny_ip=="TRUE"
  (1,594 missing values generated)

39 . replace funny=0 if funny_ip=="FALSE"
  (1,594 real changes made)

40 . tab funny

        funny |      Freq.     Percent        Cum.
  ------------+-----------------------------------
            0 |      1,594       79.70       79.70
            1 |        406       20.30      100.00
  ------------+-----------------------------------
       Total |      2,000      100.00

41 .
```

```
42 . **Generating dummies for low-incidence screener questions
43 . **The "tabs" lead to numbers produced in Table 2
44 .
45 . gen prosthetic_troll=0 if prosthetic=="0"|prosthetic=="NA"
  (91 missing values generated)

46 . replace prosthetic_troll=1 if prosthetic=="1"
  (91 real changes made)

47 . tab prosthetic_troll

  prosthetic_ |
       troll |      Freq.     Percent        Cum.
  ------------+-----------------------------------
           0 |      1,909       95.45       95.45
           1 |         91        4.55      100.00
  ------------+-----------------------------------
       Total |      2,000      100.00

48 .
49 . gen blind_troll=0 if blind=="0"|blind=="NA"
  (184 missing values generated)

50 . replace blind_troll=1 if blind=="1"
  (184 real changes made)

51 . tab blind_troll

  blind_troll |      Freq.     Percent        Cum.
  ------------+-----------------------------------
           0 |      1,816       90.80       90.80
           1 |        184        9.20      100.00
  ------------+-----------------------------------
       Total |      2,000      100.00

52 .
53 . gen deaf_troll=0 if deaf=="0"|blind=="NA"
  (109 missing values generated)

54 . replace deaf_troll=1 if deaf=="1"
  (109 real changes made)

55 . tab deaf_troll

   deaf_troll |      Freq.     Percent        Cum.
  ------------+-----------------------------------
           0 |      1,891       94.55       94.55
           1 |        109        5.45      100.00
  ------------+-----------------------------------
       Total |      2,000      100.00
```

```
56 .
57 . gen gang_resp_troll=0 if gang_resp=="0"|gang_resp=="NA"
  (88 missing values generated)

58 . replace gang_resp_troll=1 if gang_resp=="1"
  (88 real changes made)

59 . tab gang_resp_troll

  gang_resp_t |
         roll |      Freq.     Percent        Cum.
  ------------+-----------------------------------
            0 |      1,912       95.60       95.60
            1 |         88        4.40      100.00
  ------------+-----------------------------------
        Total |      2,000      100.00

60 .
61 . gen gang_fam_troll=0 if gang_fam=="0"|gang_fam=="NA"
  (123 missing values generated)

62 . replace gang_fam_troll=1 if gang_fam=="1"
  (123 real changes made)

63 . tab gang_fam_troll

  gang_fam_tr |
          oll |      Freq.     Percent        Cum.
  ------------+-----------------------------------
            0 |      1,877       93.85       93.85
            1 |        123        6.15      100.00
  ------------+-----------------------------------
        Total |      2,000      100.00

64 .
65 . gen troll_sleep=0 if sleep=="0"|sleep=="NA"
  (28 missing values generated)

66 . replace troll_sleep=1 if sleep=="1"
  (28 real changes made)

67 . tab troll_sleep

  troll_sleep |      Freq.     Percent        Cum.
  ------------+-----------------------------------
            0 |      1,972       98.60       98.60
            1 |         28        1.40      100.00
  ------------+-----------------------------------
        Total |      2,000      100.00
```

```
    68 .
    69 .
*****************************************************************
    70 . *see figure_1.do in replication files for estimates of
trolling
    71 .
*****************************************************************
    72 .
    73 . **Two or more rare behaviors/traits
    74 .
    75 . egen troll_index=rowtotal(prosthetic_troll blind_troll
deaf_troll gang_resp_troll gang_fam_troll troll_sleep)

    76 . tab troll_index

  troll_index |      Freq.     Percent        Cum.
  ------------+-----------------------------------
            0 |      1,676       83.80       83.80
            1 |        199        9.95       93.75
            2 |         52        2.60       96.35
            3 |         19        0.95       97.30
            4 |          9        0.45       97.75
            5 |         43        2.15       99.90
            6 |          2        0.10      100.00
  ------------+-----------------------------------
        Total |      2,000      100.00

    77 . gen likely_troll=1 if troll_index>1
  (1,875 missing values generated)

    78 . replace likely_troll=0 if troll_index<2
  (1,875 real changes made)

    79 . tab likely_troll

  likely_trol |
            l |      Freq.     Percent        Cum.
  ------------+-----------------------------------
            0 |      1,875       93.75       93.75
            1 |        125        6.25      100.00
  ------------+-----------------------------------
        Total |      2,000      100.00

    80 .
    81 . **Proportion of bad actors (classified by bad IPs or trolls)
    82 . gen troll=0 if likely_troll==0 & funny==0
  (493 missing values generated)

    83 . replace troll=1 if likely_troll==1|funny==1
```

```
  (493 real changes made)

84 . tab troll

      troll |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |      1,507       75.35       75.35
          1 |        493       24.65      100.00
------------+-----------------------------------
      Total |      2,000      100.00

85 .         *24.65%, noted in Table 4, row 1
86 .
87 . ** Generate self-reported sincerity measure
88 . gen insincere_dummy = .
  (2,000 missing values generated)

89 . replace insincere_dummy = 1 if trolling == "3" |trolling ==
"4"| trolling == "5"
  (175 real changes made)

90 . replace insincere_dummy = 0 if trolling == "1"| trolling ==
"2"
  (1,815 real changes made)

91 . tab insincere_dummy

  insincere_d |
         ummy |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |      1,815       91.21       91.21
          1 |        175        8.79      100.00
------------+-----------------------------------
      Total |      1,990      100.00

92 . *8.79% admit to responding insincerely "always" or "almost
always" - reported in manuscript
93 .
94 . ** Association between various measures of LQ responding
95 . tab insincere_dummy likely_troll, col chi

  +-------------------+
  | Key               |
  |-------------------|
  |     frequency     |
  | column percentage |
  +-------------------+

  insincere_ |     likely_troll
       dummy |         0          1 |     Total
```

```
-----------+----------------------+----------
         0 |     1,742         73 |     1,815
           |     93.40      58.40 |     91.21
-----------+----------------------+----------
         1 |       123         52 |       175
           |      6.60      41.60 |      8.79
-----------+----------------------+----------
     Total |     1,865        125 |     1,990
           |    100.00     100.00 |    100.00

           Pearson chi2(1) = 178.9712   Pr = 0.000
```

```
    96 .         *93% of people not tagged for trolling "never" or
"rarely" answer humorously/insincerely - reported in manuscript
    97 . tab insincere_dummy likely_troll, col chi
```

```
  +-------------------+
  | Key               |
  |-------------------|
  |     frequency     |
  | column percentage |
  +-------------------+

  insincere_ |     likely_troll
       dummy |         0          1 |     Total
  -----------+----------------------+----------
           0 |     1,742         73 |     1,815
             |     93.40      58.40 |     91.21
  -----------+----------------------+----------
           1 |       123         52 |       175
             |      6.60      41.60 |      8.79
  -----------+----------------------+----------
       Total |     1,865        125 |     1,990
             |    100.00     100.00 |    100.00

           Pearson chi2(1) = 178.9712   Pr = 0.000
```

```
    98 .         *58% of 125 tolls say they answer sincerely
    99 .         tab funny likely_troll

             |     likely_troll
       funny |         0          1 |     Total
  -----------+----------------------+----------
           0 |     1,507         87 |     1,594
           1 |       368         38 |       406
  -----------+----------------------+----------
       Total |     1,875        125 |     2,000

   100 . tab funny likely_troll, col chi
```

```
+-------------------+
| Key               |
|-------------------|
|     frequency     |
| column percentage |
+-------------------+

           |     likely_troll
     funny |         0          1 |     Total
-----------+----------------------+----------
         0 |     1,507         87 |     1,594
           |     80.37      69.60 |     79.70
-----------+----------------------+----------
         1 |       368         38 |       406
           |     19.63      30.40 |     20.30
-----------+----------------------+----------
     Total |     1,875        125 |     2,000
           |    100.00     100.00 |    100.00

          Pearson chi2(1) =   8.4067   Pr = 0.004
```

```
  101 . *how many people from bad IP addresses reported being
insincere? 38/406 = 9.4% - reported in manuscript
  102 . *how many people from non-suspicious IP addresses admitted to
being insincere? 87/1594 = 5.45% - reported in manuscript
  103 .
  104 . ** Timing
  105 . replace durationinseconds = "" if durationinseconds == "NA"
    (9 real changes made)

  106 . destring durationinseconds, gen(time)
    durationinseconds: all characters numeric; time generated as int
    (9 missing values generated)

  107 . sum time, d
```

```
                            time
-------------------------------------------------------------
      Percentiles      Smallest
 1%          204            138
 5%          284            148
10%          330            160       Obs                1,991
25%          426            162       Sum of Wgt.        1,991

50%          573                      Mean           679.5495
                        Largest       Std. Dev.      410.3904
75%          785           3310
90%         1173           3315       Variance       168420.3
95%         1463           3418       Skewness       2.614865
99%         2290           4404       Kurtosis       14.04696
```

```
   108 .         *median response time = 573 seconds, or about 9
minutes and 33 seconds
   109 .         *generating outlier variables based on "time outside
whiskers" in the box plot
   110 .         *anything outside 167% of the IQR gets classified as
"fast" or "slow"
   111 .         *25th percentile = 426; 75th percentile = 785
   112 .
   113 . display (573 - 426) * (5/3) /* 245 */
      245

   114 . gen fast = 0

   115 . replace fast = 1 if time <= 245
      (41 real changes made)

   116 . tab fast

           fast |      Freq.     Percent        Cum.
      ------------+-----------------------------------
              0 |      1,959       97.95       97.95
              1 |         41        2.05      100.00
      ------------+-----------------------------------
          Total |      2,000      100.00

   117 . *2.05% are fast
   118 .
   119 . display (785 - 573) * (5/3) + 785 /* 1138 */
      1138.3333

   120 . gen slow = 0

   121 . replace slow = 1 if time > 1138
      (233 real changes made)

   122 . tab slow

           slow |      Freq.     Percent        Cum.
      ------------+-----------------------------------
              0 |      1,767       88.35       88.35
              1 |        233       11.65      100.00
      ------------+-----------------------------------
          Total |      2,000      100.00

   123 . *11.65% are slow
   124 .
   125 . * Are suspicious respondents faster or slower?
   126 .
   127 . reg time troll /* trolls 166 seconds slower */
```

```
      Source |       SS           df       MS      Number of obs
=     1,991
-------------+----------------------------------   F(1, 1989)
=     61.67
       Model |    10078406         1    10078406   Prob > F
=    0.0000
    Residual |   325078019     1,989  163437.918   R-squared
=    0.0301
-------------+----------------------------------   Adj R-squared
=    0.0296
       Total |   335156425     1,990  168420.314   Root MSE
=    404.27


------------------------------------------------------------------------------
        time |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       troll |    165.864   21.12189     7.85   0.000     124.4407    207.2874
       _cons |   639.2289   10.41405    61.38   0.000     618.8053    659.6525
------------------------------------------------------------------------------

   128 . reg slow troll /*beta = 0.14, p<.001 - reported in manuscript */

      Source |       SS           df       MS      Number of obs
=     2,000
-------------+----------------------------------   F(1, 1998)
=     71.98
       Model |   7.1579439         1   7.1579439   Prob > F
=    0.0000
    Residual |  198.697556     1,998  .099448226   R-squared
=    0.0348
-------------+----------------------------------   Adj R-squared
=    0.0343
       Total |    205.8555     1,999   .10297924   Root MSE
=    .31535


------------------------------------------------------------------------------
        slow |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
```

```
      -------------
+------------------------------------------------------------------
             troll |   .1388127   .0163619     8.48   0.000     .
1067245    .1709008
             _cons |   .0822827   .0081235    10.13   0.000     .
0663513    .0982141

------------------------------------------------------------------
--------

   129 . reg fast troll /*beta=-.003, p=.686 - reported in manuscript
*/

            Source |       SS           df       MS      Number of obs
=     2,000
      -------------+----------------------------------   F(1, 1998)
=      0.16
             Model |   .00329589         1   .00329589   Prob > F
=    0.6856
          Residual |  40.1562041     1,998    .0200982   R-squared
=    0.0001
      -------------+----------------------------------   Adj R-squared
=   -0.0004
             Total |     40.1595     1,999  .020089795   Root MSE
=    .14177


------------------------------------------------------------------
--------
              fast |      Coef.   Std. Err.      t    P>|t|     [95%
Conf. Interval]
      -------------
+------------------------------------------------------------------
             troll |  -.0029787   .0073555    -0.40   0.686     -.
017404    .0114466
             _cons |   .0212342   .0036519     5.81   0.000     .
0140723    .0283962

------------------------------------------------------------------
--------

   130 .
   131 . * Overall measure of bad actors:
   132 . gen badactor = 0

   133 . replace badactor = 1 if funny == 1 | likely_troll == 1
      (493 real changes made)

   134 . tab badactor
```

```
   badactor |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |      1,507       75.35       75.35
          1 |        493       24.65      100.00
------------+-----------------------------------
      Total |      2,000      100.00

   135 .
      end of do-file

   136 . log close
          name:  <unnamed>
           log:  /Users/carrieroush/Dropbox/turk/replication_public/
data/c:dissert.log
        log type:  text
       closed on:   5 Mar 2021, 11:00:46

-------------------------------------------------------------------------
-------------------------------------------------------------------------
-----------

   137 . translate @Results 01_study_1.txt
      (file 01_study_1.txt written in .txt format)

   138 . do "/var/folders/4n/3bt7kbhs6vgdxb_199pp1pk80000gn/T//
SD41461.000000"

   139 .
   140 . ** Set WD
   141 . cd "~/Dropbox/turk/replication_public/data"
      /Users/carrieroush/Dropbox/turk/replication_public/data

   142 .
   143 . ** Load data
   144 . insheet using "turk_06_29_2020/
merged_survey_ip_06_29_2020_final_public.csv", clear names
      (120 vars, 1,505 obs)

   145 .
   146 . ** Generating dummies for various indicators of low quality
responding from IPs
   147 . **These tabs also make up the numbers in row 2 of Table 3
   148 .
   149 . gen miss=1 if missing_ip=="TRUE"
      (1,505 missing values generated)

   150 . replace miss=0 if missing_ip=="FALSE"
      (1,505 real changes made)

   151 . tab miss
```

```
       miss |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |      1,505      100.00      100.00
------------+-----------------------------------
      Total |      1,505      100.00

152 . *0%
153 .
154 . gen dup=1 if duplicated=="TRUE"
  (1,424 missing values generated)

155 . replace dup=0 if duplicated=="FALSE"
  (1,424 real changes made)

156 . tab dup

        dup |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |      1,424       94.62       94.62
          1 |         81        5.38      100.00
------------+-----------------------------------
      Total |      1,505      100.00

157 . *5.3%
158 .
159 . gen foreign=1 if foreign_ip=="TRUE"
  (1,488 missing values generated)

160 . replace foreign=0 if foreign_ip=="FALSE"
  (1,488 real changes made)

161 . tab foreign

    foreign |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |      1,488       98.87       98.87
          1 |         17        1.13      100.00
------------+-----------------------------------
      Total |      1,505      100.00

162 . *1.13%
163 .
164 . gen funny=1 if funny_ip=="TRUE"
  (1,323 missing values generated)

165 . replace funny=0 if funny_ip=="FALSE"
  (1,323 real changes made)

166 . tab funny
```

```
      funny |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |      1,323       87.91       87.91
          1 |        182       12.09      100.00
------------+-----------------------------------
      Total |      1,505      100.00
```

```
  167 . *12.09% - % of bad actors based on bad IPs - noted in
manuscript
  168 .
  169 . **Generating dummies for low-incidence screener questions
  170 . **The numbers from these tabs also show up in Figure 1
  171 . gen troll_prosthetic=1 if prosthetic=="TRUE"
     (1,099 missing values generated)

  172 . replace troll_prosthetic=0 if prosthetic=="FALSE"|
prosthetic=="NA"
     (1,099 real changes made)

  173 . tab troll_prosthetic

     troll_prost |
           hetic |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |      1,099       73.02       73.02
          1 |        406       26.98      100.00
------------+-----------------------------------
      Total |      1,505      100.00

  174 . *26.98%
  175 .
  176 . gen troll_blind=1 if blind=="TRUE"
     (1,197 missing values generated)

  177 . replace troll_blind=0 if blind=="FALSE"|blind=="NA"
     (1,197 real changes made)

  178 . tab troll_blind

     troll_blind |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |      1,197       79.53       79.53
          1 |        308       20.47      100.00
------------+-----------------------------------
      Total |      1,505      100.00

  179 . *20.47%
  180 .
  181 . gen troll_deaf=1 if deaf=="TRUE"
```

```
   (1,199 missing values generated)

182 . replace troll_deaf=0 if deaf=="FALSE"|deaf=="NA"
   (1,199 real changes made)

183 . tab troll_deaf

    troll_deaf |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |      1,199       79.67       79.67
             1 |        306       20.33      100.00
   ------------+-----------------------------------
         Total |      1,505      100.00

184 . *20.33%
185 .
186 . gen troll_gang=1 if gang_resp=="TRUE"
   (1,116 missing values generated)

187 . replace troll_gang=0 if gang_resp=="FALSE"|gang_resp=="NA"
   (1,116 real changes made)

188 . tab troll_gang

    troll_gang |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |      1,116       74.15       74.15
             1 |        389       25.85      100.00
   ------------+-----------------------------------
         Total |      1,505      100.00

189 . *25.85%
190 .
191 . gen troll_famgang=1 if gang_fam=="TRUE"
   (1,091 missing values generated)

192 . replace troll_famgang=0 if gang_fam=="FALSE"|gang_fam=="NA"
   (1,091 real changes made)

193 . tab troll_famgang

   troll_famga |
             ng |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |      1,091       72.49       72.49
             1 |        414       27.51      100.00
   ------------+-----------------------------------
         Total |      1,505      100.00

194 . *27.5%
```

```
   195 .
   196 . gen troll_sleep=1 if sleep=="1"
      (1,473 missing values generated)

   197 . replace troll_sleep=0 if sleep=="0"|sleep=="NA"
      (1,473 real changes made)

   198 . tab troll_sleep

      troll_sleep |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |      1,473       97.87       97.87
                1 |         32        2.13      100.00
      ------------+-----------------------------------
            Total |      1,505      100.00

   199 . *2.13%
   200 .
   201 . **Two or more rare behaviors/traits
   202 .
   203 . egen troll_index=rowtotal(troll_prosthetic troll_blind
troll_deaf troll_gang troll_famgang troll_sleep)

   204 . tab troll_index

      troll_index |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |        883       58.67       58.67
                1 |        170       11.30       69.97
                2 |        125        8.31       78.27
                3 |         77        5.12       83.39
                4 |         54        3.59       86.98
                5 |        188       12.49       99.47
                6 |          8        0.53      100.00
      ------------+-----------------------------------
            Total |      1,505      100.00

   205 . gen likely_troll=1 if troll_index>1
      (1,053 missing values generated)

   206 . replace likely_troll=0 if troll_index<2
      (1,053 real changes made)

   207 . tab likely_troll

      likely_trol |
                l |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |      1,053       69.97       69.97
                1 |        452       30.03      100.00
```

```
   -----------+-----------------------------------
        Total |      1,505      100.00

208 . *30.03%
209 .
210 .
211 . ** Generate self-reported sincerity measure
212 . replace sincerity = "" if sincerity == "NA"
   (2 real changes made)

213 . destring sincerity, replace
   sincerity: all characters numeric; replaced as byte
   (2 missing values generated)

214 . tab sincerity

     sincerity |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             1 |        774       51.50       51.50
             2 |        228       15.17       66.67
             3 |        285       18.96       85.63
             4 |        125        8.32       93.95
             5 |         91        6.05      100.00
   ------------+-----------------------------------
        Total |      1,503      100.00

215 . recode sincerity (1/3 = 0) (4/5 = 1), gen(insincere)
   (1503 differences between sincerity and insincere)

216 . tab insincere

     RECODE of |
     sincerity |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |      1,287       85.63       85.63
             1 |        216       14.37      100.00
   ------------+-----------------------------------
        Total |      1,503      100.00

217 . *14% admit to responding non-seriously - noted in manuscript
218 .
219 . tab insincere likely_troll, col chi

   +-------------------+
   | Key               |
   |-------------------|
   |     frequency     |
   | column percentage |
   +-------------------+
```

```
 RECODE of |     likely_troll
 sincerity |         0          1 |     Total
-----------+----------------------+----------
         0 |       944        343 |     1,287
           |     89.82      75.88 |     85.63
-----------+----------------------+----------
         1 |       107        109 |       216
           |     10.18      24.12 |     14.37
-----------+----------------------+----------
     Total |     1,051        452 |     1,503
           |    100.00     100.00 |    100.00

           Pearson chi2(1) =  49.8696   Pr = 0.000

  220 . *among those flagged for trolling, 109/452 admit to almost or
almost always answering sincerely /
  221 . *= 24.1% (chi2=49.9%, p<0.001)- as reported in manuscript
  222 .
  223 . *among those not flagged for trolling, 107/1051 admit to this
- 10.2%, (chi2=49.9%, p<0.001)- as reported in manuscript
  224 .
  225 . **********
  226 . ***DATE***
  227 . **********
  228 .
  229 . gen date_ok=0

  230 . replace date_ok=1 if date=="06 29 2020"|date=="06.29.2020"|
date=="06\29\2020"|date=="06\30\2020" ///
      >         |date=="6/29/20"|date=="6/29/2020."|
date=="6/29/20209"|date=="6/29/2020`"|date=="60/29/2020" ///
      >         |date=="ju/26/2020"|date=="june/29/20"|
date=="o6/29/2020" | date=="16/29/2020"
      (1,130 real changes made)

  231 . tab date_ok

       date_ok |      Freq.     Percent        Cum.
------------+-----------------------------------
             0 |        375       24.92       24.92
             1 |      1,130       75.08      100.00
------------+-----------------------------------
         Total |      1,505      100.00

  232 . *so 24.92% of respondents entered the date incorrectly
  233 .
  234 . *okay, what about those who wrote DD/MM/YYYY
  235 . gen date_poss_foreign = 0

  236 . replace date_poss_foreign = 1 if date == "20/06/2020" | date
```

```
== "28.06.2020" | date == "28/06/2020" | date == "28/6/2020" ///
      >         |date == " 29 06 2020" | date ==  "29-06-2020" | date
== "29-Jun-20" | date == "29.06 2020" | date == "29.06.2020" ///
      >         |date == "29/06/2020"| date == "29/6/2020" | date == "
29/6/2020." | date == "29\06\2020" | date == "29|06|2020" ///
      >         |date == "30/06/2020"
      (303 real changes made)

   237 . tab date_poss_foreign

      date_poss_f |
           oreign |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |      1,202       79.87       79.87
                1 |        303       20.13      100.00
      ------------+-----------------------------------
            Total |      1,505      100.00

   238 . *20% of the sample is possibly comprised of foreigners -
noted in manuscript
   239 .
   240 . *okay, how many people wrote a nonsensical response to the
date question?
   241 . gen inattentive = 1

   242 . replace inattentive = 0 if date_ok==1|date_poss_foreign==1
      (1,433 real changes made)

   243 . tab inattentive

      inattentive |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |      1,433       95.22       95.22
                1 |         72        4.78      100.00
      ------------+-----------------------------------
            Total |      1,505      100.00

   244 . *4.92%
   245 .
   246 .
   247 . ************************************************************
   248 . ***CREATING UPPER AND LOWER BOUND ESTIMATES OF BAD ACTORS***
   249 . ************************************************************
   250 .
   251 .
   252 . *creating a variable that combines trolling and weird IPs
("lower bound")
   253 . gen combined_troll_1=.
      (1,505 missing values generated)
```

```
   254 . replace combined_troll_1 = 1 if funny_ip == "TRUE" |
likely_troll == 1
      (571 real changes made)

   255 . replace combined_troll_1 = 0 if funny_ip == "FALSE" &
likely_troll == 0
      (934 real changes made)

   256 . tab combined_troll_1

      combined_tr |
            oll_1 |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |        934       62.06       62.06
                1 |        571       37.94      100.00
      ------------+-----------------------------------
            Total |      1,505      100.00

   257 . *37.94% low quality - column 2, row 1 of Table 4
   258 .
   259 . *creating a variable that combines trolling, weird IP, and
weirdly written date
   260 . gen combined_troll_2=.
      (1,505 missing values generated)

   261 . replace combined_troll_2=1 if funny_ip=="TRUE" |
likely_troll==1|date_poss_foreign==1
      (672 real changes made)

   262 . replace combined_troll_2=0 if funny_ip=="FALSE" &
likely_troll==0 & date_poss_foreign==0
      (833 real changes made)

   263 . tab combined_troll_2

      combined_tr |
            oll_2 |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |        833       55.35       55.35
                1 |        672       44.65      100.00
      ------------+-----------------------------------
            Total |      1,505      100.00

   264 . *44.58% of respondents are suspicious using this measure -
column 2, row 2 of Table 4
   265 .
   266 . *creating a variable that combines trolling, weird IP,
weirdly written date, or inattentive (nonsensical date write-in)
   267 . gen combined_troll_3=.
      (1,505 missing values generated)
```

```
   268 . replace combined_troll_3=1 if funny_ip=="TRUE" |
likely_troll==1|date_poss_foreign==1|inattentive==1
      (696 real changes made)

   269 . replace combined_troll_3=0 if funny_ip=="FALSE"  &
likely_troll==0 & date_poss_foreign==0 & inattentive==0
      (809 real changes made)

   270 . tab combined_troll_3

      combined_tr |
            oll_3 |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |        809       53.75       53.75
                1 |        696       46.25      100.00
      ------------+-----------------------------------
            Total |      1,505      100.00

   271 . *46.25% marked as suspicious here - column 2, row 3 of Table
4
   272 .
   273 . ************
   274 . ***Timing***
   275 . ************
   276 .
   277 . rename durationinseconds time

   278 . sum time, d

                               time
      -------------------------------------------------------------
            Percentiles      Smallest
       1%           168             18
       5%           222            115
      10%           259            120       Obs               1,505
      25%           349            124       Sum of Wgt.       1,505

      50%           488                      Mean           579.1037
                             Largest       Std. Dev.      345.3646
      75%           721           2415
      90%          1014           2679       Variance       119276.7
      95%          1236           3061       Skewness       2.142565
      99%          1758           3470       Kurtosis       11.19606

   279 .
   280 . ************************************************************
   281 . ***Table 5: Low_Quality Responses by HIT Completion Rates***
   282 . ************************************************************
   283 . gen hits_recode=.
```

```
   (1,505 missing values generated)

284 . replace hits_recode=1 if hits=="1"
   (327 real changes made)

285 . replace hits_recode=2 if hits=="2"
   (435 real changes made)

286 . replace hits_recode=3 if hits=="3"
   (192 real changes made)

287 . replace hits_recode=4 if hits=="4"
   (548 real changes made)

288 . tab hits_recode

   hits_recode |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             1 |        327       21.77       21.77
             2 |        435       28.96       50.73
             3 |        192       12.78       63.52
             4 |        548       36.48      100.00
   ------------+-----------------------------------
         Total |      1,502      100.00

289 .
290 . label define hits_lb 1 "Fewer than 100 HITs" 2 "Between 100
and 500 HITs" 3 "Between 500 and 1000 HITs" 4 "More than 1k HITs",
replace

291 . label values hits_recode hits_lb

292 . tab hits_recode

                hits_recode |      Freq.     Percent        Cum.
   -------------------------+-----------------------------------
        Fewer than 100 HITs |        327       21.77       21.77
    Between 100 and 500 HITs |        435       28.96       50.73
   Between 500 and 1000 HITs |        192       12.78       63.52
          More than 1k HITs |        548       36.48      100.00
   -------------------------+-----------------------------------
                      Total |      1,502      100.00

293 . *this tab provides the data for row 1 in Table 5 (June 2020
study)
294 .
295 . tab combined_troll_1 hits_recode, col

   +-------------------+
   | Key               |
```

```
      |-------------------|
      |     frequency     |
      | column percentage |
      +-------------------+

      combined_t |                 hits_recode
          roll_1 | Fewer tha  Between 1  Between 5  More than |
Total
      -----------+--------------------------------------------
+----------
                0 |       144        211        105        471 |
931
                  |     44.04      48.51      54.69      85.95 |
61.98
      -----------+--------------------------------------------
+----------
                1 |       183        224         87         77 |
571
                  |     55.96      51.49      45.31      14.05 |
38.02
      -----------+--------------------------------------------
+----------
            Total |       327        435        192        548 |
1,502
                  |    100.00     100.00     100.00     100.00 |
100.00

   296 . *this tab provides the data for row 2 in Table 5 (June 2020
study)
   297 . tab combined_troll_2 hits_recode, col

      +-------------------+
      | Key               |
      |-------------------|
      |     frequency     |
      | column percentage |
      +-------------------+

      combined_t |                 hits_recode
          roll_2 | Fewer tha  Between 1  Between 5  More than |
Total
      -----------+--------------------------------------------
+----------
                0 |       102        172         93        464 |
831
                  |     31.19      39.54      48.44      84.67 |
55.33
      -----------+--------------------------------------------
+----------
                1 |       225        263         99         84 |
```

```
671
                |     68.81      60.46      51.56      15.33 |
44.67
      ----------+--------------------------------------------
+----------
           Total |       327        435        192        548 |
1,502
                 |    100.00     100.00     100.00     100.00 |
100.00

   298 . *this tab provides the data for row 3 in Table 5 (June 2020
study)
   299 . tab combined_troll_3 hits_recode, col

      +-------------------+
      | Key               |
      |-------------------|
      |     frequency     |
      | column percentage |
      +-------------------+

      combined_t |                hits_recode
          roll_3 | Fewer tha  Between 1  Between 5  More than |
Total
      ----------+--------------------------------------------
+----------
               0 |        98        170         89        452 |
809
                 |     29.97      39.08      46.35      82.48 |
53.86
      ----------+--------------------------------------------
+----------
               1 |       229        265        103         96 |
693
                 |     70.03      60.92      53.65      17.52 |
46.14
      ----------+--------------------------------------------
+----------
           Total |       327        435        192        548 |
1,502
                 |    100.00     100.00     100.00     100.00 |
100.00

   300 . *this tab provides data for row 4 in Table 5 (June 2020
study)
   301 .
   302 . tab insincere hits_recode, col

      +-------------------+
      | Key               |
```

```
      |-------------------|
      |     frequency     |
      | column percentage |
      +-------------------+

       RECODE of |                 hits_recode
       sincerity | Fewer tha  Between 1  Between 5  More than |
Total
      -----------+-------------------------------------------
+----------
               0 |       279        335        160        512 |
1,286
                 |     85.32      77.01      83.33      93.43 |
85.62
      -----------+-------------------------------------------
+----------
               1 |        48        100         32         36 |
216
                 |     14.68      22.99      16.67       6.57 |
14.38
      -----------+-------------------------------------------
+----------
           Total |       327        435        192        548 |
1,502
                 |    100.00     100.00     100.00     100.00 |
100.00

   303 . *this tab provides the data for row 5 in Table 5 (June 2020
study)
   304 .
   305 . *this provides the data for row 6 in Table 5 (June 2020
study)
   306 . sum time if hits_recode==1

          Variable |        Obs        Mean    Std. Dev.       Min
Max
      -------------
+---------------------------------------------------------
              time |        327    678.2722     408.437        151
3470

   307 . sum time if hits_recode==2

          Variable |        Obs        Mean    Std. Dev.       Min
Max
      -------------
+---------------------------------------------------------
              time |        435    608.5149    310.5873        132
2014
```

```
   308 . sum time if hits_recode==3

         Variable |        Obs        Mean    Std. Dev.       Min
Max
     -------------
+--------------------------------------------------------
             time |        192    586.1563    323.6046        141
2267

   309 . sum time if hits_recode==4

         Variable |        Obs        Mean    Std. Dev.       Min
Max
     -------------
+--------------------------------------------------------
             time |        548    495.9325    317.8397        115
3061

   310 . *average time for high HIT workers = 495.93; average time for
second highest category = 586.16
   311 . display (586.16 - 495.93)/586.16
      .15393408

   312 .
   313 . **********************************
   314 . **EXPERIMENTAL RESULTS -- FIG 2**
   315 . **********************************
   316 .
   317 . ** Coding PID
   318 .
   319 . *7-point party ID
   320 . gen pid7 = .
      (1,505 missing values generated)

   321 . replace pid7 = 1 if pid_dem == "1"
      (490 real changes made)

   322 . replace pid7 = 2 if pid_dem == "2"
      (134 real changes made)

   323 . replace pid7 = 3 if pid_ind == "2"
      (92 real changes made)

   324 . replace pid7 = 4 if pid_ind == "3"
      (78 real changes made)

   325 . replace pid7 = 5 if pid_ind == "1"
      (75 real changes made)

   326 . replace pid7 = 6 if pid_rep == "2"
```

```
      (111 real changes made)

   327 . replace pid7 = 7 if pid_rep == "1"
      (523 real changes made)

   328 . label define pid7_lbl 1 "Strong Democrat" 2 "Weak Democrat" 3
"Leaning Democrat" 4 "Independent" 5 "Leaning Republican" 6 "Weak
Republican" 7 "Strong
      >  Republican", replace

   329 . label values pid7 pid7_lbl

   330 .
   331 . *3-point party ID
   332 . recode pid7 (1/3=1)(4=2)(5/7=3), gen(pid3)
      (1013 differences between pid7 and pid3)

   333 . label define pid3_lbl 1 "Democratic" 2 "Independent" 3
"Republican", replace

   334 . label values pid3 pid3_lbl

   335 .
   336 . *Democratic dummy for comparing Dems and Reps
   337 . gen dem_rep = .
      (1,505 missing values generated)

   338 . replace dem_rep = 1 if pid3 == 1
      (716 real changes made)

   339 . replace dem_rep = 0 if pid3 == 3
      (709 real changes made)

   340 . label define dem_rep_lbl 0 "Republican" 1 "Democrat", replace

   341 . label values dem_rep dem_rep_lbl

   342 .
   343 . *recoding DVs
   344 .
   345 . gen gop_unemploy=1 if gop_unemployment=="1"
      (1,112 missing values generated)

   346 . replace gop_unemploy=.5 if gop_unemployment=="2"
      (338 real changes made)

   347 . replace gop_unemploy=0 if gop_unemployment=="3"
      (50 real changes made)

   348 . tab gop_unemploy
```

```
   gop_unemplo |
             y |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |         50        6.40        6.40
            .5 |        338       43.28       49.68
             1 |        393       50.32      100.00
   ------------+-----------------------------------
         Total |        781      100.00

349 .
350 . gen gop_inflate=1 if gop_inflation=="1"
   (1,176 missing values generated)

351 . replace gop_inflate=.5 if gop_inflation=="2"
   (385 real changes made)

352 . replace gop_inflate=0 if gop_inflation=="3"
   (67 real changes made)

353 . tab gop_inflate

   gop_inflate |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |         67        8.58        8.58
            .5 |        385       49.30       57.87
             1 |        329       42.13      100.00
   ------------+-----------------------------------
         Total |        781      100.00

354 .
355 . gen obama_unemploy=1 if obama_unemployment=="1"
   (1,106 missing values generated)

356 . replace obama_unemploy=.5 if obama_unemployment=="2"
   (297 real changes made)

357 . replace obama_unemploy=0 if obama_unemployment=="3"
   (26 real changes made)

358 . tab obama_unemploy

   obama_unemp |
           loy |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |         26        3.60        3.60
            .5 |        297       41.14       44.74
             1 |        399       55.26      100.00
   ------------+-----------------------------------
         Total |        722      100.00
```

```
359 .
360 . gen obama_inflate=1 if obama_inflation=="1"
   (1,188 missing values generated)

361 . replace obama_inflate=.5 if obama_inflation=="2"
   (358 real changes made)

362 . replace obama_inflate=0 if obama_inflation=="3"
   (47 real changes made)

363 . tab obama_inflate

   obama_infla |
             te |      Freq.     Percent        Cum.
   -------------+-----------------------------------
              0 |         47        6.51        6.51
             .5 |        358       49.58       56.09
              1 |        317       43.91      100.00
   -------------+-----------------------------------
          Total |        722      100.00

364 .
365 .
366 . *creating a collapsed unemployment DV
367 . gen unemploy = gop_unemploy
   (724 missing values generated)

368 . replace unemploy = obama_unemploy if unemploy==.
   (722 real changes made)

369 . tab unemploy

      unemploy |      Freq.     Percent        Cum.
   -------------+-----------------------------------
              0 |         76        5.06        5.06
             .5 |        635       42.25       47.31
              1 |        792       52.69      100.00
   -------------+-----------------------------------
          Total |      1,503      100.00

370 .
371 . *creating a collapsed inflation DV
372 . gen inflation = gop_inflate
   (724 missing values generated)

373 . replace inflation = obama_inflate if inflation==.
   (722 real changes made)

374 . tab inflation
```

```
  inflation |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        114        7.58        7.58
         .5 |        743       49.43       57.02
          1 |        646       42.98      100.00
------------+-----------------------------------
      Total |      1,503      100.00

375 .
376 . *generating treatment variable
377 . gen dem_treat=1 if randomization_1 == "obama"
   (783 missing values generated)

378 . replace dem_treat=0 if randomization_1 == "congress"
   (781 real changes made)

379 . tab dem_treat

  dem_treat |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |        781       51.96       51.96
          1 |        722       48.04      100.00
------------+-----------------------------------
      Total |      1,503      100.00

380 .
381 . *creating a party x treatment variable
382 . *1 = if you got the out-party treatment, 0 = in-party
treatment
383 . gen out_party_treat=.
   (1,505 missing values generated)

384 . replace out_party_treat = 1 if dem_rep == 1 & dem_treat == 0
   (385 real changes made)

385 . replace out_party_treat = 1 if dem_rep == 0 & dem_treat == 1
   (351 real changes made)

386 . replace out_party_treat = 0 if dem_rep == 0 & dem_treat == 0
   (358 real changes made)

387 . replace out_party_treat = 0 if dem_rep == 1 & dem_treat == 1
   (331 real changes made)

388 . tab out_party_treat

out_party_t |
       reat |      Freq.     Percent        Cum.
------------+-----------------------------------
```

```
                0 |        689       48.35       48.35
                1 |        736       51.65      100.00
      ------------+-----------------------------------
            Total |      1,425      100.00

   389 .
   390 . **the following regressions were also ran in R to produce
Figure 2
   391 .
   392 . *okay, what are the effects among the full sample? (n=1425)
   393 . reg unemploy out_party_treat

              Source |       SS           df       MS      Number of obs
=     1,425
      -------------+----------------------------------   F(1, 1423)
=     38.80
               Model |  3.29109319         1  3.29109319   Prob > F
=    0.0000
            Residual |  120.711363     1,423  .084828786   R-squared
=    0.0265
      -------------+----------------------------------   Adj R-squared
=    0.0259
               Total |  124.002456     1,424  .087080377   Root MSE
=    .29125


------------------------------------------------------------------------------
-----------
             unemploy |      Coef.   Std. Err.      t    P>|t|
[95% Conf. Interval]
      ---------------
+--------------------------------------------------------------
      out_party_treat |  -.0961677   .0154394    -6.23   0.000    -.
1264541   -.0658812
                _cons |   .7931785   .0110959    71.48   0.000     .
7714125    .8149446

------------------------------------------------------------------------------
-----------

   394 . reg inflation out_party_treat

              Source |       SS           df       MS      Number of obs
=     1,425
      -------------+----------------------------------   F(1, 1423)
=     13.74
               Model |  1.29654138         1  1.29654138   Prob > F
=    0.0002
            Residual |  134.283459     1,423   .09436645   R-squared
=    0.0096
```

```
      -------------+----------------------------------   Adj R-squared
=    0.0089
             Total |      135.58     1,424  .095210674   Root MSE
=    .30719


------------------------------------------------------------------------
-----------
            inflation |      Coef.   Std. Err.      t    P>|t|
[95% Conf. Interval]
      ----------------
+-----------------------------------------------------------------------
      out_party_treat |  -.0603604   .0162842    -3.71   0.000    -.
0923041   -.0284167
                _cons |   .7111756   .0117031    60.77   0.000     .
6882185    .7341327

------------------------------------------------------------------------
-----------

   395 . *betas and se's calculated here used in spreadsheet below
(attenuation effects)
   396 .
   397 . *effects among non-flagged respondents (n=861)
   398 . reg unemploy out_party_treat if combined_troll_1 == 0

            Source |       SS           df       MS      Number of obs
=       861
      -------------+----------------------------------   F(1, 859)
=     38.63
             Model |  3.35311491         1  3.35311491   Prob > F
=    0.0000
          Residual |  74.5568735       859  .086794963   R-squared
=    0.0430
      -------------+----------------------------------   Adj R-squared
=    0.0419
             Total |  77.9099884       860   .09059301   Root MSE
=    .29461


------------------------------------------------------------------------
-----------
            unemploy |      Coef.   Std. Err.      t    P>|t|
[95% Conf. Interval]
      ----------------
+-----------------------------------------------------------------------
      out_party_treat |  -.1249392   .0201012    -6.22   0.000    -.
1643924    -.085486
                _cons |   .7749392    .014532    53.33   0.000     .
7464167    .8034616
```

```
------------------------------------------------------------------------
-----------

   399 . reg inflation out_party_treat if combined_troll_1 == 0

            Source |       SS           df       MS      Number of obs
=       861
      -------------+----------------------------------   F(1, 859)
=     19.15
             Model |  1.79080179         1  1.79080179   Prob > F
=    0.0000
          Residual |  80.3468289       859  .093535307   R-squared
=    0.0218
      -------------+----------------------------------   Adj R-squared
=    0.0207
             Total |  82.1376307       860  .095508873   Root MSE
=    .30584


------------------------------------------------------------------------
-----------
            inflation |      Coef.   Std. Err.      t    P>|t|
[95% Conf. Interval]
      ----------------
+-----------------------------------------------------------------
      out_party_treat |  -.0913058   .0208671    -4.38   0.000    -.
1322622   -.0503493
                _cons |   .7201946   .0150857    47.74   0.000     .
6905854    .7498039

------------------------------------------------------------------------
-----------

   400 .
   401 . *effects among all flagged respondents (n=564)
   402 . reg unemploy out_party_treat if combined_troll_1 == 1

            Source |       SS           df       MS      Number of obs
=       564
      -------------+----------------------------------   F(1, 562)
=      4.43
             Model |  .340754349         1  .340754349   Prob > F
=    0.0358
          Residual |  43.2563201       562  .076968541   R-squared
=    0.0078
      -------------+----------------------------------   Adj R-squared
=    0.0061
             Total |  43.5970745       563  .077437077   Root MSE
=    .27743
```

```
------------------------------------------------------------------------------
           unemploy |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
      ---------------
-------------+----------------------------------------------------------------
      out_party_treat |  -.0491649   .0233663    -2.10   0.036    -.0950609   -.0032688
                _cons |   .8201439   .0166393    49.29   0.000     .7874611    .8528266
------------------------------------------------------------------------------

   403 . reg inflation out_party_treat if combined_troll_1 == 1

      Source |       SS           df       MS      Number of obs   =       564
-------------+----------------------------------   F(1, 562)       =      0.23
       Model |  .022122222         1  .022122222   Prob > F        =    0.6293
    Residual |  53.2970267       562  .094834567   R-squared       =    0.0004
-------------+----------------------------------   Adj R-squared   =   -0.0014
       Total |  53.3191489       563  .094705416   Root MSE        =    .30795

------------------------------------------------------------------------------
           inflation |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
      ---------------
-------------+----------------------------------------------------------------
      out_party_treat |   -.012527   .0259369    -0.48   0.629    -.0634721     .038418
                _cons |   .6978417   .0184697    37.78   0.000     .6615636    .7341199
------------------------------------------------------------------------------

   404 . *betas and se's calculated here used in spreadsheet below (attenuation effects)
   405 .
   406 . *effects among flagged IPs only
```

```
   407 . reg unemploy out_party_treat if funny_ip =="TRUE"

      Source |       SS           df       MS      Number of obs
=       182
-------------+----------------------------------   F(1, 180)
=      0.44
       Model |  .039545561         1  .039545561   Prob > F
=    0.5079
    Residual |  16.1692456       180  .089829142   R-squared
=    0.0024
-------------+----------------------------------   Adj R-squared
=   -0.0031
       Total |  16.2087912       181  .089551333   Root MSE
=    .29972

------------------------------------------------------------------------
-----------
     unemploy |      Coef.   Std. Err.      t    P>|t|
[95% Conf. Interval]
-------------
+----------------------------------------------------------------
  out_party_treat |  -.0294971   .0444569    -0.66   0.508    -.
1172208    .0582266
        _cons |   .7954545   .0319497    24.90   0.000     .
7324103    .8584988

------------------------------------------------------------------------
-----------

   408 . reg inflation out_party_treat if funny_ip =="TRUE"

      Source |       SS           df       MS      Number of obs
=       182
-------------+----------------------------------   F(1, 180)
=      0.22
       Model |  .023726938         1  .023726938   Prob > F
=    0.6375
    Residual |  19.1685808       180  .106492115   R-squared
=    0.0012
-------------+----------------------------------   Adj R-squared
=   -0.0043
       Total |  19.1923077       181  .106034849   Root MSE
=    .32633

------------------------------------------------------------------------
-----------
     inflation |      Coef.   Std. Err.      t    P>|t|
[95% Conf. Interval]
```

```
      ---------------
+-------------------------------------------------------------------
      out_party_treat |   .0228482   .0484049     0.47   0.637    -.
0726658    .1183622
                _cons |   .6420455    .034787    18.46   0.000     .
5734026    .7106883

------------------------------------------------------------------------
-----------

   409 .
   410 . *effects among trolls only
   411 . reg unemploy out_party_treat if likely_troll==1

            Source |       SS           df       MS      Number of obs
=       445
      -------------+----------------------------------   F(1, 443)
=      2.90
             Model |  .210203692         1  .210203692   Prob > F
=    0.0894
          Residual |  32.1347401       443  .072538917   R-squared
=    0.0065
      -------------+----------------------------------   Adj R-squared
=    0.0043
             Total |  32.3449438       444  .072848973   Root MSE
=    .26933


------------------------------------------------------------------------
-----------
             unemploy |      Coef.   Std. Err.      t    P>|t|
[95% Conf. Interval]
      ---------------
+-------------------------------------------------------------------
      out_party_treat |  -.0434769   .0255402    -1.70   0.089     -.
093672    .0067181
                _cons |   .8188073   .0182414    44.89   0.000      .
782957    .8546577

------------------------------------------------------------------------
-----------

   412 . reg inflation out_party_treat if likely_troll==1

            Source |       SS           df       MS      Number of obs
=       445
      -------------+----------------------------------   F(1, 443)
=      0.36
             Model |  .032462717         1  .032462717   Prob > F
=    0.5474
```

```
          Residual |  39.6675373       443  .089542974   R-squared
=    0.0008
      -------------+----------------------------------   Adj R-squared
=   -0.0014
             Total |        39.7       444  .089414414   Root MSE
=    .29924


------------------------------------------------------------------------------
-----------
            inflation |      Coef.   Std. Err.      t    P>|t|
[95% Conf. Interval]
      ----------------
+-----------------------------------------------------------------
      out_party_treat |  -.0170856   .0283762    -0.60   0.547    -.
0728544    .0386831
                _cons |   .7087156   .0202669    34.97   0.000     .
6688844    .7485468

------------------------------------------------------------------------------
-----------

   413 .
   414 . *effects among those with 1k+ HITs
   415 . reg unemploy out_party_treat if hits=="4"

            Source |       SS           df       MS      Number of obs
=       505
      -------------+----------------------------------   F(1, 503)
=     36.66
             Model |  2.81895271         1  2.81895271   Prob > F
=    0.0000
          Residual |  38.6731265       503  .076884943   R-squared
=    0.0679
      -------------+----------------------------------   Adj R-squared
=    0.0661
             Total |  41.4920792       504  .082325554   Root MSE
=    .27728


------------------------------------------------------------------------------
-----------
            unemploy |      Coef.   Std. Err.      t    P>|t|
[95% Conf. Interval]
      ----------------
+-----------------------------------------------------------------
      out_party_treat |  -.1495819   .0247034    -6.06   0.000    -.
1981164   -.1010475
                _cons |   .7821577   .0178613    43.79   0.000     .
7470658    .8172495
```

```
------------------------------------------------------------------------------
-----------

   416 . reg inflation out_party_treat if hits=="4"

           Source |       SS           df       MS      Number of obs
=       505
      -------------+----------------------------------   F(1, 503)
=     14.78
            Model |  1.27740706         1  1.27740706   Prob > F
=    0.0001
         Residual |   43.473088       503   .08642761   R-squared
=    0.0285
      -------------+----------------------------------   Adj R-squared
=    0.0266
            Total |   44.750495       504  .088790665   Root MSE
=    .29399


------------------------------------------------------------------------------
-----------
           inflation |      Coef.   Std. Err.      t    P>|t|
[95% Conf. Interval]
      ---------------
+--------------------------------------------------------------
      out_party_treat |  -.1006931   .0261916    -3.84   0.000    -.
1521515   -.0492348
               _cons |   .7427386   .0189373    39.22   0.000     .
7055327    .7799445

------------------------------------------------------------------------------
-----------

   417 .
   418 . *interactive effects with trolling indicator
   419 . reg unemploy i.out_party_treat##i.combined_troll_1

           Source |       SS           df       MS      Number of obs
=     1,425
      -------------+----------------------------------   F(3, 1421)
=     24.88
            Model |  6.18926254         3  2.06308751   Prob > F
=    0.0000
         Residual |  117.813194     1,421  .082908651   R-squared
=    0.0499
      -------------+----------------------------------   Adj R-squared
=    0.0479
            Total |  124.002456     1,424  .087080377   Root MSE
=    .28794
```

```
------------------------------------------------------------------------
---------------------------
                             unemploy |      Coef.   Std. Err.      t
P>|t|     [95% Conf. Interval]
      ---------------------------------
+-----------------------------------------------------------------
                    1.out_party_treat |  -.1249392    .019646
-6.36   0.000    -.1634775   -.0864009
                   1.combined_troll_1 |   .0452047   .0223597
2.02   0.043     .0013431    .0890663
                                      |
      out_party_treat#combined_troll_1 |
                                 1 1  |   .0757743   .0312104
2.43   0.015     .0145509    .1369977
                                      |
                                _cons |   .7749392    .014203
54.56   0.000     .7470781    .8028002

------------------------------------------------------------------------
---------------------------

   420 . reg inflation i.out_party_treat##i.combined_troll_1

            Source |       SS           df       MS      Number of obs
=     1,425
      -------------+----------------------------------   F(3, 1421)
=      6.86
             Model |  1.93614441         3  .645381471   Prob > F
=    0.0001
          Residual |  133.643856     1,421  .094049159   R-squared
=    0.0143
      -------------+----------------------------------   Adj R-squared
=    0.0122
             Total |      135.58     1,424  .095210674   Root MSE
=    .30667


------------------------------------------------------------------------
---------------------------
                             inflation |      Coef.   Std. Err.      t
P>|t|     [95% Conf. Interval]
      ---------------------------------
+-----------------------------------------------------------------
                    1.out_party_treat |  -.0913058   .0209243
-4.36   0.000    -.1323517   -.0502598
                   1.combined_troll_1 |  -.0223529   .0238146
-0.94   0.348    -.0690685    .0243627
                                      |
```

```
      out_party_treat#combined_troll_1 |
                                  1 1  |   .0787787   .0332412
2.37   0.018     .0135716    .1439858
                                       |
                                 _cons |   .7201946   .0151271
47.61   0.000     .6905207    .7498686

------------------------------------------------------------------------
-------------------------

   421 .
   422 . *************************
   423 . ***ATTENUATION EFFECTS***
   424 . *************************
   425 .
   426 . *betas and SEs catalogued in this spreadsheet were entered
manually entered based on the regression results above
   427 . *numbers needed = betas and se's for the full sample and
beta's and se's for all flagged respondents
   428 .
   429 . insheet using "turk_06_29_2020/june_2020_attenuation_fx.csv",
clear names
      (7 vars, 2 obs)

   430 .
   431 . gen diff = nonsusp_beta - susp_beta

   432 . gen se_diff = sqrt(((nonsusp_se ^ 2) / 861) + (susp_se ^ 2) /
564)

   433 . gen weight = 1 / se_diff

   434 . reg diff [aw = weight]
      (sum of wgt is 1,601.40502929688)

            Source |       SS           df       MS      Number of obs
=         2
      -------------+----------------------------------   F(0, 1)
=      0.00
             Model |           0         0           .   Prob > F
=         .
          Residual |  4.5057e-06         1  4.5057e-06   R-squared
=    0.0000
      -------------+----------------------------------   Adj R-squared
=    0.0000
             Total |  4.5057e-06         1  4.5057e-06   Root MSE
=    .00212


------------------------------------------------------------------------
```

```
--------
              diff |      Coef.   Std. Err.      t    P>|t|     [95%
Conf. Interval]
      -------------
+------------------------------------------------------------------
             _cons |  -.0772139   .0015009   -51.44   0.012    -.
0962852   -.0581426

------------------------------------------------------------------------
--------

   435 .
   436 . *average treatment effect in the non-troll group
   437 . gen weight_nonsusp = 1 / nonsusp_se

   438 . reg nonsusp_beta [aw = weight_nonsusp]
      (sum of wgt is 97.67060089111328)

            Source |       SS           df       MS      Number of obs
=         2
      -------------+----------------------------------   F(0, 1)
=      0.00
             Model |           0         0           .   Prob > F
=         .
          Residual |  .000565405         1  .000565405   R-squared
=    0.0000
      -------------+----------------------------------   Adj R-squared
=    0.0000
             Total |  .000565405         1  .000565405   Root MSE
=    .02378


------------------------------------------------------------------------
--------
      nonsusp_beta |      Coef.   Std. Err.      t    P>|t|     [95%
Conf. Interval]
      -------------
+------------------------------------------------------------------
             _cons |  -.1084369   .0168138    -6.45   0.098     -.
322076    .1052022

------------------------------------------------------------------------
--------

   439 .         * -.108
   440 .
   441 . *getting an attenuation effect, weighted by the inverse of
the estimated SE of the differences
   442 . gen attn = nonsusp_beta - full_beta
```

```
   443 . gen se_attn = sqrt(((nonsusp_se ^ 2) / 861) + (full_se ^ 2) /
1425)

   444 . gen attn_wt = 1 / se_attn

   445 . reg attn [aw = attn_wt]
      (sum of wgt is 2,455.63635253906)

            Source |       SS           df       MS      Number of obs
=         2
      -------------+----------------------------------   F(0, 1)
=      0.00
             Model |           0         0           .   Prob > F
=         .
          Residual |  2.3619e-06         1  2.3619e-06   R-squared
=    0.0000
      -------------+----------------------------------   Adj R-squared
=    0.0000
             Total |  2.3619e-06         1  2.3619e-06   Root MSE
=    .00154


------------------------------------------------------------------------
--------
              attn |      Coef.   Std. Err.      t    P>|t|     [95%
Conf. Interval]
      -------------
+----------------------------------------------------------------
             _cons |  -.0298358   .0010867   -27.46   0.023    -.
0436438   -.0160278

------------------------------------------------------------------------
--------

   446 .         *-.0298358
   447 .
   448 . *putting it in percentage point terms. we observe treatment
effects that are...
   449 . gen attn_pct = full_beta / nonsusp_beta

   450 . reg attn_pct [aw = attn_wt]
      (sum of wgt is 2,455.63635253906)

            Source |       SS           df       MS      Number of obs
=         2
      -------------+----------------------------------   F(0, 1)
=      0.00
             Model |           0         0           .   Prob > F
=         .
          Residual |  .005898377         1  .005898377   R-squared
```

```
=    0.0000
      -------------+----------------------------------   Adj R-squared
=    0.0000
             Total |  .005898377         1  .005898377   Root MSE
=     .0768


------------------------------------------------------------------------
--------
          attn_pct |      Coef.   Std. Err.      t    P>|t|     [95%
Conf. Interval]
      -------------
+----------------------------------------------------------------
             _cons |   .7165279   .0543064    13.19   0.048     .
0264992    1.406557

------------------------------------------------------------------------
--------

   451 .         * .7165279 what they would be without suspicious
responses
   452 . *in other words, our treatment effects are attenuated by...
   453 .         display 1 -   .7165279
      .2834721

   454 .         * = .2834721 or 28.3%
   455 .
      end of do-file

   456 . translate @Results 02_study2.txt
      (file 02_study2.txt written in .txt format)

   457 . do "/var/folders/4n/3bt7kbhs6vgdxb_199pp1pk80000gn/T//
SD41461.000000"

   458 . cd "~/Dropbox/turk/replication_public/data"
      /Users/carrieroush/Dropbox/turk/replication_public/data

   459 .
      end of do-file

   460 . do "/var/folders/4n/3bt7kbhs6vgdxb_199pp1pk80000gn/T//
SD41461.000000"

   461 .
   462 . ** Load data
   463 . insheet using "turk_07_12_2020/
merged_survey_ip_07_12_2020_final_public.csv", clear names
      (95 vars, 409 obs)
```

```
   464 .
   465 . ** Generating dummies for various indicators of low quality
responding from IPs
   466 . *these tabs produce the numbers found in row 3 of Table 3
   467 .
   468 . gen miss=1 if missing_ip=="TRUE"
      (409 missing values generated)

   469 . replace miss=0 if missing_ip=="FALSE"
      (409 real changes made)

   470 . tab miss

           miss |      Freq.     Percent        Cum.
      ------------+-----------------------------------
              0 |        409      100.00      100.00
      ------------+-----------------------------------
          Total |        409      100.00

   471 . *0%
   472 .
   473 . gen dup=1 if duplicated=="TRUE"
      (396 missing values generated)

   474 . replace dup=0 if duplicated=="FALSE"
      (396 real changes made)

   475 . tab dup

            dup |      Freq.     Percent        Cum.
      ------------+-----------------------------------
              0 |        396       96.82       96.82
              1 |         13        3.18      100.00
      ------------+-----------------------------------
          Total |        409      100.00

   476 . *3.18%
   477 .
   478 . gen foreign=1 if foreign_ip=="TRUE"
      (406 missing values generated)

   479 . replace foreign=0 if foreign_ip=="FALSE"
      (406 real changes made)

   480 . tab foreign

          foreign |      Freq.     Percent        Cum.
      ------------+-----------------------------------
              0 |        406       99.27       99.27
              1 |          3        0.73      100.00
```

```
   ------------+-----------------------------------
         Total |        409      100.00

481 . *0.73%
482 .
483 . *all suspicious IPs
484 . gen funny=1 if funny_ip=="TRUE"
   (369 missing values generated)

485 . replace funny=0 if funny_ip=="FALSE"
   (369 real changes made)

486 . tab funny

         funny |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |        369       90.22       90.22
             1 |         40        9.78      100.00
   ------------+-----------------------------------
         Total |        409      100.00

487 . *9.78%
488 .
489 . **Generating dummies for low-incidence screener questions
490 . *these tabs produce the numbers found in Figure 1
491 .
492 . gen troll_prosthetic=1 if prosthetic=="TRUE"
   (327 missing values generated)

493 . replace troll_prosthetic=0 if prosthetic=="FALSE"|
prosthetic=="NA"
   (327 real changes made)

494 . tab troll_prosthetic

   troll_prost |
         hetic |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |        327       79.95       79.95
             1 |         82       20.05      100.00
   ------------+-----------------------------------
         Total |        409      100.00

495 . *20.05%
496 .
497 . gen troll_blind=1 if blind=="TRUE"
   (338 missing values generated)

498 . replace troll_blind=0 if blind=="FALSE"|blind=="NA"
   (338 real changes made)
```

```
499 . tab troll_blind

   troll_blind |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |        338       82.64       82.64
             1 |         71       17.36      100.00
   ------------+-----------------------------------
         Total |        409      100.00

500 . *17.36%
501 .
502 . gen troll_deaf=1 if deaf=="TRUE"
   (343 missing values generated)

503 . replace troll_deaf=0 if deaf=="FALSE"|deaf=="NA"
   (343 real changes made)

504 . tab troll_deaf

    troll_deaf |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |        343       83.86       83.86
             1 |         66       16.14      100.00
   ------------+-----------------------------------
         Total |        409      100.00

505 . *16.14%
506 .
507 . gen troll_gang=1 if gang_resp=="TRUE"
   (326 missing values generated)

508 . replace troll_gang=0 if gang_resp=="FALSE"|gang_resp=="NA"
   (326 real changes made)

509 . tab troll_gang

    troll_gang |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |        326       79.71       79.71
             1 |         83       20.29      100.00
   ------------+-----------------------------------
         Total |        409      100.00

510 . *20.29%
511 .
512 . gen troll_famgang=1 if gang_fam=="TRUE"
   (326 missing values generated)

513 . replace troll_famgang=0 if gang_fam=="FALSE"|gang_fam=="NA"
```

```
   (326 real changes made)

   514 . tab troll_famgang

      troll_famga |
                ng |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                 0 |        326       79.71       79.71
                 1 |         83       20.29      100.00
      ------------+-----------------------------------
             Total |        409      100.00

   515 . *20.29%
   516 .
   517 . gen troll_sleep=1 if sleep=="1"
      (403 missing values generated)

   518 . replace troll_sleep=0 if sleep=="0"|sleep=="NA"
      (403 real changes made)

   519 . tab troll_sleep

      troll_sleep |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                 0 |        403       98.53       98.53
                 1 |          6        1.47      100.00
      ------------+-----------------------------------
             Total |        409      100.00

   520 . *1.47%
   521 .
   522 . **Two or more rare behaviors/traits
   523 .
   524 . egen troll_index=rowtotal(troll_prosthetic troll_blind
troll_deaf troll_gang troll_famgang troll_sleep)

   525 . tab troll_index

      troll_index |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                 0 |        280       68.46       68.46
                 1 |         43       10.51       78.97
                 2 |         20        4.89       83.86
                 3 |          9        2.20       86.06
                 4 |          6        1.47       87.53
                 5 |         49       11.98       99.51
                 6 |          2        0.49      100.00
      ------------+-----------------------------------
             Total |        409      100.00
```

```
526 . gen likely_troll=1 if troll_index>1
   (323 missing values generated)

527 . replace likely_troll=0 if troll_index<2
   (323 real changes made)

528 . tab likely_troll

   likely_trol |
             l |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |        323       78.97       78.97
             1 |         86       21.03      100.00
   ------------+-----------------------------------
         Total |        409      100.00

529 . *21.03%
530 .
531 . ** Generate self-reported sincerity measure
532 .
533 . tab sincerity

     sincerity |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             1 |        245       59.90       59.90
             2 |         46       11.25       71.15
             3 |         58       14.18       85.33
             4 |         33        8.07       93.40
             5 |         25        6.11       99.51
            NA |          2        0.49      100.00
   ------------+-----------------------------------
         Total |        409      100.00

534 . replace sincerity ="0" if sincerity == "NA"
   (2 real changes made)

535 . destring sincerity, replace
   sincerity: all characters numeric; replaced as byte

536 . recode sincerity (1/3 = 0)(4/5 = 1)
   (sincerity: 407 changes made)

537 . tab sincerity

     sincerity |      Freq.     Percent        Cum.
   ------------+-----------------------------------
             0 |        351       85.82       85.82
             1 |         58       14.18      100.00
   ------------+-----------------------------------
         Total |        409      100.00
```

```
538 . tab sincerity likely_troll, col chi

   +-------------------+
   | Key               |
   |-------------------|
   |     frequency     |
   | column percentage |
   +-------------------+

            |     likely_troll
  sincerity |         0          1 |     Total
------------+----------------------+----------
          0 |       284         67 |       351
            |     87.93      77.91 |     85.82
------------+----------------------+----------
          1 |        39         19 |        58
            |     12.07      22.09 |     14.18
------------+----------------------+----------
      Total |       323         86 |       409
            |    100.00     100.00 |    100.00

           Pearson chi2(1) =   5.6016   Pr = 0.018

539 .
540 . ******************
541 . ***TIMING STUFF***
542 . ******************
543 .
544 . rename durationinseconds time

545 . destring time, replace
   time already numeric; no replace

546 .
547 . sum time, d

                            time
-------------------------------------------------------------
      Percentiles      Smallest
 1%          103             72
 5%          134             76
10%          148             87       Obs                 409
25%          215             90       Sum of Wgt.         409

50%          322                      Mean           405.7384
                        Largest       Std. Dev.       280.794
75%          500           1502
90%          743           1631       Variance       78845.28
95%         1011           1695       Skewness        1.86699
```

```
      99%         1499           1701       Kurtosis       7.137976

   548 . *median response time = 322 seconds, or about 5 minutes and
37 seconds
   549 .
   550 . *generating outlier variables based on "time outside
whiskers" in the box plot
   551 . *anything outside 167% of the IQR gets classified as "fast"
or "slow"
   552 . *25th percentile = 216 ; 75th percentile =   501
   553 .
   554 . display (322 - 216) * (5/3) /* 176.66667 */
      176.66667

   555 . gen fast = 0

   556 . replace fast = 1 if time <= 176.66667
      (60 real changes made)

   557 . tab fast

           fast |      Freq.     Percent        Cum.
   -------------+-----------------------------------
              0 |        349       85.33       85.33
              1 |         60       14.67      100.00
   -------------+-----------------------------------
          Total |        409      100.00

   558 . *14.25% are fast
   559 .
   560 . display (501 - 322) * (5/3) + 501 /* 799.33333*/
      799.33333

   561 . gen slow = 0

   562 . replace slow = 1 if time > 799.33333
      (35 real changes made)

   563 . tab slow

           slow |      Freq.     Percent        Cum.
   -------------+-----------------------------------
              0 |        374       91.44       91.44
              1 |         35        8.56      100.00
   -------------+-----------------------------------
          Total |        409      100.00

   564 . *8.60% are slow
   565 .
   566 . **********
```

```
   567 . ***DATE***
   568 . **********
   569 .
   570 . *how many people reasonably got the date correct?
   571 . gen date_ok = 0

   572 . replace date_ok = 1 if date == "07 11 2020" | date ==
"07/11.2020" | date == "6/11/20" | date== "7/10/20" ///
      >         | date == "7/11/20" | date == "7/11/19" | date ==
"7/11/20" | date == "7/12/00" | date == "7/12/20" ///
      >         | date == "7/13/20"
      (325 real changes made)

   573 . tab date_ok

          date_ok |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |         84       20.54       20.54
                1 |        325       79.46      100.00
      ------------+-----------------------------------
            Total |        409      100.00

   574 . *20.54% wrote the date incorrectly
   575 .
   576 . *what about people possibly taking it from another country?
(that is, date/month/|year format)
   577 . gen date_poss_foreign = 0

   578 . replace date_poss_foreign = 1 if date == "11/7/20" | date ==
"12/7/20" | date == "12/7/2020" | date == "12/7/2020/" ///
      >         | date == "12\07\2020" | date == "13/07/2020"
      (68 real changes made)

   579 . tab date_poss_foreign

      date_poss_f |
           oreign |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |        341       83.37       83.37
                1 |         68       16.63      100.00
      ------------+-----------------------------------
            Total |        409      100.00

   580 . *16.38% of sample could possibly be foreigners
   581 .
   582 . *okay, what's the estimate of inattentive or trolling
respondents? (that is, anyone who didn't do one of the above)
   583 . gen correct_date = 0

   584 . replace correct_date = 1 if date == "07 11 2020" | date ==
```

```
"07/11.2020" | date == "6/11/20" | date== "7/10/20" ///
      >         | date == "7/11/20" | date == "7/11/19" | date ==
"7/11/20" | date == "7/12/00" | date == "7/12/20" ///
      >         | date == "7/13/20" | date == "11/7/20" | date ==
"12/7/20" | date == "12/7/2020" | date == "12/7/2020/" ///
      >         | date == "12\07\2020" | date == "13/07/2020"
      (393 real changes made)

   585 . tab correct_date

      correct_dat |
                e |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |         16        3.91        3.91
                1 |        393       96.09      100.00
      ------------+-----------------------------------
            Total |        409      100.00

   586 . *okay, so 95.84% of people wrote SOME reasonably correct date
   587 .
   588 . *okay, how many people wrote a nonsensical response to the
date question?
   589 . gen inattentive = 1

   590 . replace inattentive = 0 if date_ok==1|date_poss_foreign==1
      (393 real changes made)

   591 . tab inattentive

      inattentive |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |        393       96.09       96.09
                1 |         16        3.91      100.00
      ------------+-----------------------------------
            Total |        409      100.00

   592 . *4.16% of respondents potentially inattentive
   593 .
   594 . ************************************************************
   595 . ***CREATING UPPER AND LOWER BOUND ESTIMATES OF BAD ACTORS***
   596 . ************************************************************
   597 .
   598 . *creating a variable that combines trolling and weird IPs
("lower bound")
   599 . gen combined_troll_1=.
      (409 missing values generated)

   600 . replace combined_troll_1 = 1 if funny_ip == "TRUE" |
likely_troll == 1
      (113 real changes made)
```

```
   601 . replace combined_troll_1 = 0 if funny_ip == "FALSE" &
likely_troll == 0
      (296 real changes made)

   602 . tab combined_troll_1

      combined_tr |
            oll_1 |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |        296       72.37       72.37
                1 |        113       27.63      100.00
      ------------+-----------------------------------
            Total |        409      100.00

   603 . *okay, so 27.63% of data is suspicious using this measure -
row 1, column 3 of Table 4
   604 .
   605 . *creating a variable that combines trolling, weird IP, and
weirdly written date
   606 . gen combined_troll_2=.
      (409 missing values generated)

   607 . replace combined_troll_2=1 if funny_ip=="TRUE" |
likely_troll==1|date_poss_foreign==1
      (144 real changes made)

   608 . replace combined_troll_2=0 if funny_ip=="FALSE" &
likely_troll==0 & date_poss_foreign==0
      (265 real changes made)

   609 . tab combined_troll_2

      combined_tr |
            oll_2 |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |        265       64.79       64.79
                1 |        144       35.21      100.00
      ------------+-----------------------------------
            Total |        409      100.00

   610 . *35.21% of respondents are suspicious using this measure -
row 2, column 3 of Table 4
   611 .
   612 . *creating a variable that combines trolling, weird IP,
weirdly written date, or inattentive (nonsensical date write-in)
   613 . gen combined_troll_3=.
      (409 missing values generated)

   614 . replace combined_troll_3=1 if funny_ip=="TRUE" |
```

```
likely_troll==1|date_poss_foreign==1|inattentive==1
      (144 real changes made)

   615 . replace combined_troll_3=0 if funny_ip=="FALSE"  &
likely_troll==0 & date_poss_foreign==0 & inattentive==0
      (265 real changes made)

   616 . tab combined_troll_3

      combined_tr |
            oll_3 |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                0 |        265       64.79       64.79
                1 |        144       35.21      100.00
      ------------+-----------------------------------
            Total |        409      100.00

   617 . *35.21% - row 3, column 3 of Table 4
   618 .
   619 . ********************
   620 . ***HIT THRESHOLD***
   621 . ********************
   622 .
   623 . gen hits_recode=.
      (409 missing values generated)

   624 . replace hits_recode=1 if hits=="1"
      (84 real changes made)

   625 . replace hits_recode=2 if hits=="2"
      (109 real changes made)

   626 . replace hits_recode=3 if hits=="3"
      (38 real changes made)

   627 . replace hits_recode=4 if hits=="4"
      (175 real changes made)

   628 . tab hits_recode

      hits_recode |      Freq.     Percent        Cum.
      ------------+-----------------------------------
                1 |         84       20.69       20.69
                2 |        109       26.85       47.54
                3 |         38        9.36       56.90
                4 |        175       43.10      100.00
      ------------+-----------------------------------
            Total |        406      100.00

   629 . *this tab provides the numbers for row 1 in Table 5 (July
```

```
2020 study)
   630 .
   631 . label define hits_l 1 "Fewer than 100 HITs" 2 "Between 100
and 500 HITs" 3 "Between 500 and 1000 HITs" 4 "More than 1k HITs",
replace

   632 . label values hits_recode hits_l

   633 . tab hits_recode

                hits_recode |      Freq.     Percent        Cum.
----------------------------+-----------------------------------
      Fewer than 100 HITs |         84       20.69       20.69
 Between 100 and 500 HITs |        109       26.85       47.54
Between 500 and 1000 HITs |         38        9.36       56.90
        More than 1k HITs |        175       43.10      100.00
----------------------------+-----------------------------------
                    Total |        406      100.00

   634 .
   635 . tab combined_troll_1 hits_recode, col

      +-------------------+
      | Key               |
      |-------------------|
      |     frequency     |
      | column percentage |
      +-------------------+

      combined_t |                 hits_recode
          roll_1 | Fewer tha  Between 1  Between 5  More than |
Total
      -----------+-------------------------------------------
+----------
               0 |        42         65         26        163 |
296
                 |     50.00      59.63      68.42      93.14 |
72.91
      -----------+-------------------------------------------
+----------
               1 |        42         44         12         12 |
110
                 |     50.00      40.37      31.58       6.86 |
27.09
      -----------+-------------------------------------------
+----------
           Total |        84        109         38        175 |
406
                 |    100.00     100.00     100.00     100.00 |
100.00
```

```
   636 . *this tab provides the numbers for row 2 in Table 5 (July
2020 study)
   637 . tab combined_troll_2 hits_recode, col

      +-------------------+
      | Key               |
      |-------------------|
      |     frequency     |
      | column percentage |
      +-------------------+

      combined_t |                 hits_recode
          roll_2 | Fewer tha  Between 1  Between 5  More than |
Total
      -----------+--------------------------------------------
+----------
               0 |        31         53         25        156 |
265
                 |     36.90      48.62      65.79      89.14 |
65.27
      -----------+--------------------------------------------
+----------
               1 |        53         56         13         19 |
141
                 |     63.10      51.38      34.21      10.86 |
34.73
      -----------+--------------------------------------------
+----------
           Total |        84        109         38        175 |
406
                 |    100.00     100.00     100.00     100.00 |
100.00

   638 . *this tab provides the numbers for row 3 in Table 5 (July
2020 study)
   639 . tab combined_troll_3 hits_recode, col

      +-------------------+
      | Key               |
      |-------------------|
      |     frequency     |
      | column percentage |
      +-------------------+

      combined_t |                 hits_recode
          roll_3 | Fewer tha  Between 1  Between 5  More than |
Total
      -----------+--------------------------------------------
+----------
```

```
              0 |        31         53         25        156 |
265
                |     36.90      48.62      65.79      89.14 |
65.27
      ----------+-----------------------------------------
+----------
              1 |        53         56         13         19 |
141
                |     63.10      51.38      34.21      10.86 |
34.73
      ----------+-----------------------------------------
+----------
          Total |        84        109         38        175 |
406
                |    100.00     100.00     100.00     100.00 |
100.00

   640 . *this tab provides the numbers for row 4 in Table 5 (July
2020 study)
   641 . tab sincerity hits_recode, col

      +-------------------+
      | Key               |
      |-------------------|
      |     frequency     |
      | column percentage |
      +-------------------+

                |                hits_recode
       sincerity | Fewer tha  Between 1  Between 5  More than |
Total
      ----------+-----------------------------------------
+----------
              0 |        72         82         25        169 |
348
                |     85.71      75.23      65.79      96.57 |
85.71
      ----------+-----------------------------------------
+----------
              1 |        12         27         13          6 |
58
                |     14.29      24.77      34.21       3.43 |
14.29
      ----------+-----------------------------------------
+----------
          Total |        84        109         38        175 |
406
                |    100.00     100.00     100.00     100.00 |
100.00
```

```
   642 . *this tab provides the numbers for row 5 in Table 5 (July
2020 study)
   643 . sum time if hits_recode==1

         Variable |        Obs        Mean    Std. Dev.       Min
Max
      -------------
+--------------------------------------------------------
             time |         84     544.881    311.4346        112
1701

   644 . sum time if hits_recode==2

         Variable |        Obs        Mean    Std. Dev.       Min
Max
      -------------
+--------------------------------------------------------
             time |        109     490.789    286.9957        137
1695

   645 . sum time if hits_recode==3

         Variable |        Obs        Mean    Std. Dev.       Min
Max
      -------------
+--------------------------------------------------------
             time |         38    452.2105    287.2576        133
1631

   646 . sum time if hits_recode==4

         Variable |        Obs        Mean    Std. Dev.       Min
Max
      -------------
+--------------------------------------------------------
             time |        175      280.52    196.2759         72
1502

   647 . *these sums provide the numbers for row 6 in Table 5 (July
2020 study)
   648 .
      end of do-file

   649 . translate @Results 02_study3.txt
```