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


       ___  ____  ____  ____  ____ (R)
      /__    /   ____/   /   ____/
     ___/   /   /___/   /   /___/   15.1   Copyright 1985-2017
StataCorp LLC
       Statistics/Data Analysis            StataCorp
                                           4905 Lakeway Drive
          Special Edition                  College Station, Texas
77845 USA
                                           800-STATA-PC
http://www.stata.com
                                           979-696-4600
stata@stata.com
                                           979-696-4601 (fax)

     Single-user Stata perpetual license:
            Serial number:  401506229186
              Licensed to:  Carrie Roush
                            Florida State University

     Notes:
           1.  Unicode is supported; see help unicode_advice.
           2.  Maximum number of variables is set to 5000; see help
set_maxvar.

     Checking for updates...
     (contacting http://www.stata.com)

     Update status
         Last check for updates:  05 Mar 2021
         New update available:    none         (as of 05 Mar 2021)
         Current update level:    03 Feb 2020  (what's new)

     Possible actions

         Do nothing; all files are up to date.

     Click to edit automatic update checking preferences

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

```
     2 .
     3 . ** Set WD
     4 . cd "~/Dropbox/turk/replication_public/data/"
      /Users/carrieroush/Dropbox/turk/replication_public/data

     5 .
     6 . ** Load data
     7 . insheet using "turk_08_17_2018/turk_recoded_public.csv",
clear names
      (212 vars, 2,000 obs)

     8 .
     9 . **Generating dummies for various indicators of low quality
responding from IPs
    10 . **The "tabs" lead to numbers produced in Table 1
    11 . **These numbers are also repeated in row 1 of Table 3
    12 .
    13 . gen black=1 if blacklisted=="TRUE"
      (1,679 missing values generated)

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

    15 . tab black

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

    16 .
    17 . gen miss=1 if missing_ip=="TRUE"
      (1,991 missing values generated)

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

    19 . tab miss

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

    20 .
```

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

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

23 . tab dup

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

24 .
25 . gen foreign=1 if foreign_ip=="TRUE"
  (1,881 missing values generated)

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

27 . tab foreign

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

28 .
29 . *any of the above
30 . gen funny=1 if funny_ip=="TRUE"
  (1,594 missing values generated)

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

32 . tab funny

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

33 .
34 . **Generating dummies for low-incidence screener questions
```

```
35 . **The "tabs" lead to numbers produced in Table 2
36 .
37 . gen prosthetic_troll=0 if prosthetic=="0"|prosthetic=="NA"
  (91 missing values generated)

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

39 . 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

40 .
41 . gen blind_troll=0 if blind=="0"|blind=="NA"
  (184 missing values generated)

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

43 . 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

44 .
45 . gen deaf_troll=0 if deaf=="0"|blind=="NA"
  (109 missing values generated)

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

47 . 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
```

```
48 .
49 . gen gang_resp_troll=0 if gang_resp=="0"|gang_resp=="NA"
  (88 missing values generated)

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

51 . 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

52 .
53 . gen gang_fam_troll=0 if gang_fam=="0"|gang_fam=="NA"
  (123 missing values generated)

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

55 . 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

56 .
57 . gen troll_sleep=0 if sleep=="0"|sleep=="NA"
  (28 missing values generated)

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

59 . 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
```

```
    60 .
    61 .
*****************************************************************
    62 . *see figure_1.do in replication files for estimates of
trolling
    63 .
*****************************************************************
    64 .
    65 . **Two or more rare behaviors/traits
    66 .
    67 . egen troll_index=rowtotal(prosthetic_troll blind_troll
deaf_troll gang_resp_troll gang_fam_troll troll_sleep)

    68 . 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

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

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

    71 . 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

    72 .
    73 . **Proportion of bad actors (classified by bad IPs or trolls)
    74 . gen troll=0 if likely_troll==0 & funny==0
  (493 missing values generated)

    75 . replace troll=1 if likely_troll==1|funny==1
  (493 real changes made)
```

```
    76 . tab troll

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

    77 .         *24.65%, noted in Table 4, row 1
    78 .
    79 . ** Generate self-reported sincerity measure
    80 . gen insincere_dummy = .
      (2,000 missing values generated)

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

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

    83 . 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

    84 . *8.79% admit to responding insincerely "always" or "almost
always" - reported in manuscript
    85 .
    86 . ** Association between various measures of LQ responding
    87 . 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

. *93% of people not tagged for trolling "never" or "rarely" answer humorously/insincerely - reported in manuscript
. 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

. *58% of 125 tolls say they answer sincerely
. 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

. 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
```

```
    93 . *how many people from bad IP addresses reported being
insincere? 38/406 = 9.4% - reported in manuscript
    94 . *how many people from non-suspicious IP addresses admitted to
being insincere? 87/1594 = 5.45% - reported in manuscript
    95 .
    96 . ** Timing
    97 . replace durationinseconds = "" if durationinseconds == "NA"
      (9 real changes made)

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

    99 . 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
```

```
   100 .         *median response time = 573 seconds, or about 9
minutes and 33 seconds
   101 .         *generating outlier variables based on "time outside
whiskers" in the box plot
   102 .         *anything outside 167% of the IQR gets classified as
"fast" or "slow"
   103 .         *25th percentile = 426; 75th percentile = 785
   104 .
   105 . display (573 - 426) * (5/3) /* 245 */
      245

   106 . gen fast = 0

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

   108 . tab fast

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

   109 . *2.05% are fast
   110 .
   111 . display (785 - 573) * (5/3) + 785 /* 1138 */
      1138.3333

   112 . gen slow = 0

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

   114 . tab slow

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

   115 . *11.65% are slow
   116 .
   117 . * Are suspicious respondents faster or slower?
   118 .
   119 . 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
------------------------------------------------------------------------------

   120 . 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

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

   121 . 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

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

   122 .
   123 . * Overall measure of bad actors:
   124 . gen badactor = 0

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

   126 . tab badactor

         badactor |      Freq.     Percent        Cum.
```

```
      ------------+-----------------------------------
                0 |      1,507       75.35       75.35
                1 |        493       24.65      100.00
      ------------+-----------------------------------
            Total |      2,000      100.00

   127 .
      end of do-file

   128 . clear

   129 . 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

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

   131 .
   132 . ** Set WD
   133 . cd "~/Dropbox/turk/replication_public/data/"
      /Users/carrieroush/Dropbox/turk/replication_public/data

   134 .
   135 . ** Load data
   136 . insheet using "turk_08_17_2018/turk_recoded_public.csv",
clear names
      (212 vars, 2,000 obs)

   137 .
   138 . **Generating dummies for various indicators of low quality
responding from IPs
   139 . **The "tabs" lead to numbers produced in Table 1
   140 . **These numbers are also repeated in row 1 of Table 3
   141 .
   142 . gen black=1 if blacklisted=="TRUE"
      (1,679 missing values generated)

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

   144 . tab black
```

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

145 .
146 . gen miss=1 if missing_ip=="TRUE"
  (1,991 missing values generated)

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

148 . tab miss

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

149 .
150 . gen dup=1 if duplicated=="TRUE"
  (1,894 missing values generated)

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

152 . tab dup

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

153 .
154 . gen foreign=1 if foreign_ip=="TRUE"
  (1,881 missing values generated)

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

156 . tab foreign

    foreign |      Freq.     Percent        Cum.
------------+-----------------------------------
```

```
          0 |      1,870       94.02       94.02
          1 |        119        5.98      100.00
------------+-----------------------------------
      Total |      1,989      100.00

157 .
158 . *any of the above
159 . gen funny=1 if funny_ip=="TRUE"
  (1,594 missing values generated)

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

161 . tab funny

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

162 .
163 . **Generating dummies for low-incidence screener questions
164 . **The "tabs" lead to numbers produced in Table 2
165 .
166 . gen prosthetic_troll=0 if prosthetic=="0"|prosthetic=="NA"
  (91 missing values generated)

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

168 . 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

169 .
170 . gen blind_troll=0 if blind=="0"|blind=="NA"
  (184 missing values generated)

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

172 . 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

173 .
174 . gen deaf_troll=0 if deaf=="0"|blind=="NA"
   (109 missing values generated)

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

176 . 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

177 .
178 . gen gang_resp_troll=0 if gang_resp=="0"|gang_resp=="NA"
   (88 missing values generated)

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

180 . 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

181 .
182 . gen gang_fam_troll=0 if gang_fam=="0"|gang_fam=="NA"
   (123 missing values generated)

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

184 . 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

185 .
186 . gen troll_sleep=0 if sleep=="0"|sleep=="NA"
   (28 missing values generated)

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

188 . 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

189 .
190 .
*****************************************************************
191 . *see figure_1.do in replication files for estimates of
trolling
192 .
*****************************************************************
193 .
194 . **Two or more rare behaviors/traits
195 .
196 . egen troll_index=rowtotal(prosthetic_troll blind_troll
deaf_troll gang_resp_troll gang_fam_troll troll_sleep)

197 . 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
```

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

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

   200 . 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

   201 .
   202 . **Proportion of bad actors (classified by bad IPs or trolls)
   203 . gen troll=0 if likely_troll==0 & funny==0
      (493 missing values generated)

   204 . replace troll=1 if likely_troll==1|funny==1
      (493 real changes made)

   205 . tab troll

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

   206 .         *24.65%, noted in Table 4, row 1
   207 .
   208 . ** Generate self-reported sincerity measure
   209 . gen insincere_dummy = .
      (2,000 missing values generated)

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

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

   212 . 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
```

213 . *8.79% admit to responding insincerely "always" or "almost always" - reported in manuscript
214 .
215 . ** Association between various measures of LQ responding
216 . 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
```

217 .   *93% of people not tagged for trolling "never" or "rarely" answer humorously/insincerely - reported in manuscript
218 . 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

219 .         *58% of 125 tolls say they answer sincerely
220 .         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

221 . 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

222 . *how many people from bad IP addresses reported being
insincere? 38/406 = 9.4% - reported in manuscript
223 . *how many people from non-suspicious IP addresses admitted to
being insincere? 87/1594 = 5.45% - reported in manuscript
224 .
225 . ** Timing
```

```
. replace durationinseconds = "" if durationinseconds == "NA"
(9 real changes made)

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

. 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

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

. gen fast = 0

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

. tab fast

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

. *2.05% are fast
```

```
   239 .
   240 . display (785 - 573) * (5/3) + 785 /* 1138 */
      1138.3333

   241 . gen slow = 0

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

   243 . tab slow

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

   244 . *11.65% are slow
   245 .
   246 . * Are suspicious respondents faster or slower?
   247 .
   248 . 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

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

```
--------

   249 . 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

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

   250 . 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
------------------------------------------------------------------------------

   251 .
   252 . * Overall measure of bad actors:
   253 . gen badactor = 0

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

   255 . tab badactor

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

   256 .
      end of do-file

   257 . 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

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

   258 . translate @Results 01_study_1.txt
```