LocalFact Data Analysis

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Basic Queries: number of total checked claims

```
## # A tibble: 1 x 1
##         n
##     <int>
## 1   1323
```

number of unique fact-checks published

```
## # A tibble: 1 x 1
##         n
##     <int>
## 1    976
```

number of fact-checks by state
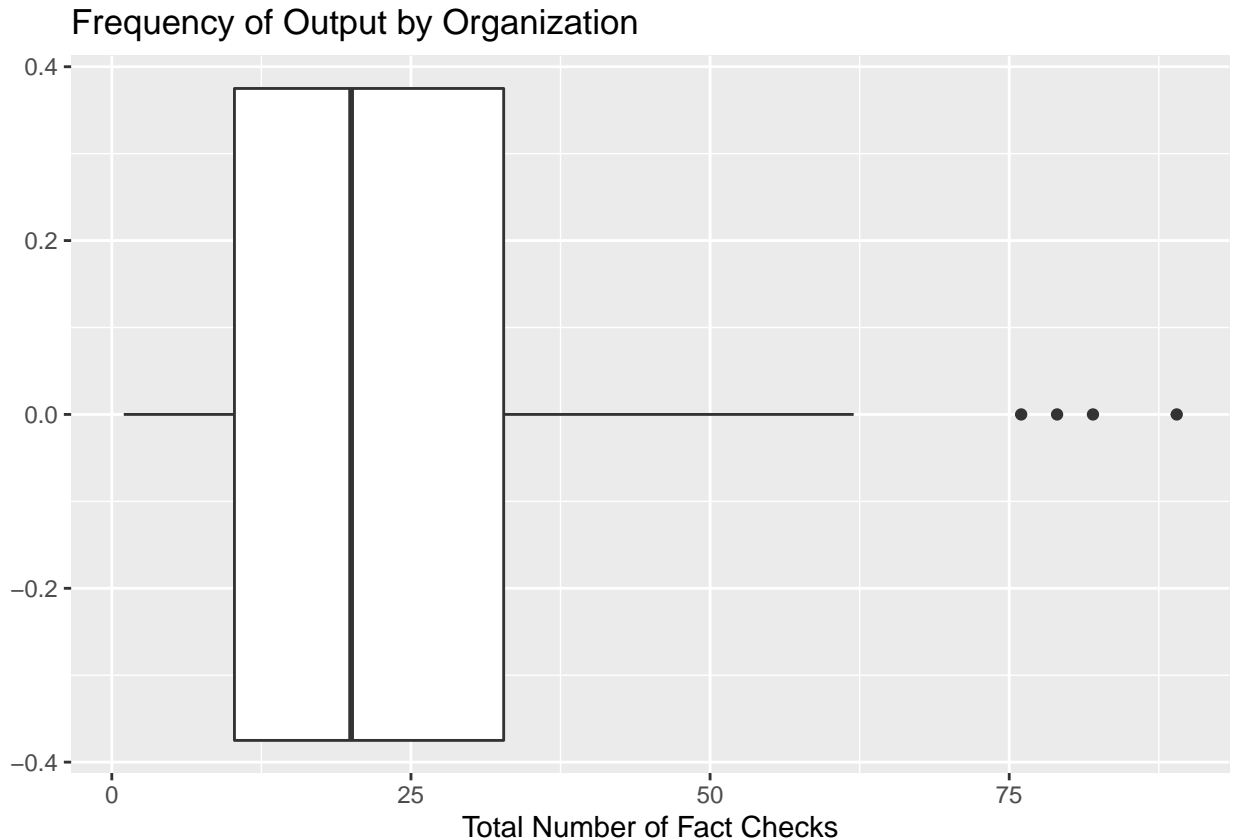
```
## # A tibble: 26 x 2
## # Groups:   State [26]
##     State                    n
##     <chr>                <int>
##  1 Arizona                  76
##  2 California               28
##  3 Colorado                 48
##  4 Connecticut              12
##  5 District of Columbia     32
##  6 Florida                  56
##  7 Georgia                  45
##  8 Illinois                  8
##  9 Iowa                    163
## 10 Kansas                   18
## # ... with 16 more rows
```

number of fact-checks by fact-checker (organization)

```
## # A tibble: 50 x 2
## # Groups:   Organization [50]
##    Organization                                        n
##    <chr>                                           <int>
##  1 PolitiFact Wisconsin                               89
##  2 The Nevada Independent Fact Checker                82
##  3 Wisconsin Watch (Gigafact)                         79
##  4 WCNC Verify                                         76
##  5 Arizona Center for Investigative Reporting (Gigafact)  62
##  6 KCRG-TV's i9 Fact Checker                          56
##  7 Bridge Michigan                                    55
##  8 The Frontier fact checks                           54
##  9 Gazette Fact Checker                               52
## 10 The News & Observer's Fact-Checking Project        47
## # ... with 40 more rows
```

```
##  Organization          n
##  Length:50          Min.   : 1.00
##  Class :character   1st Qu.:10.25
##  Mode  :character   Median :20.00
##                     Mean   :26.46
##                     3rd Qu.:32.75
##                     Max.   :89.00
```
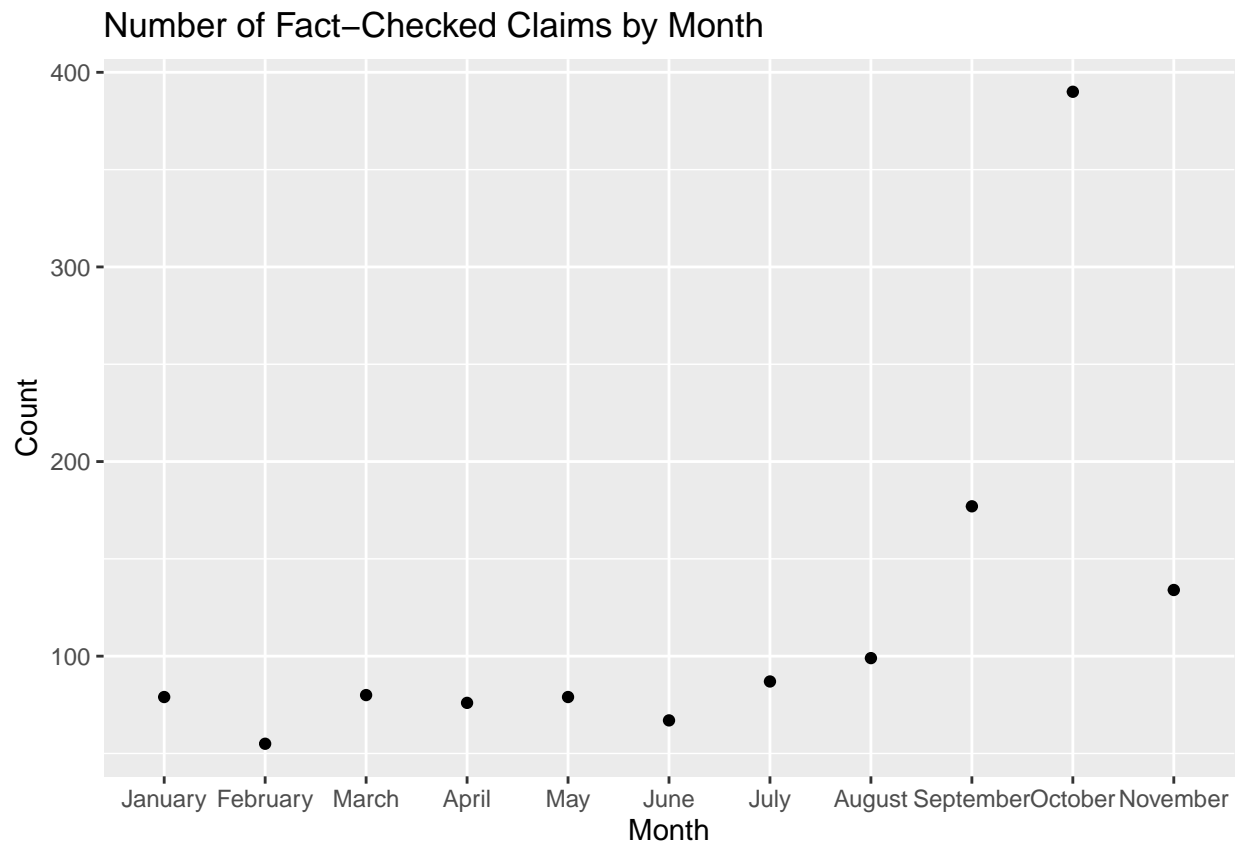
Frequency of Output by Organization

Total Number of Fact Checks

number of fact-checks by political/non-political type of claimant

```
## # A tibble: 2 x 2
## # Groups:   Type of Claimant [2]
##   `Type of Claimant`     n
##   <chr>              <int>
## 1 Nonpolitical         381
## 2 Political            942
```

number of fact-checks by month of the year

```
## # A tibble: 11 x 2
## # Groups:   Month [11]
##    Month         n
##    <fct>     <int>
##  1 January      79
##  2 February     55
##  3 March        80
##  4 April        76
##  5 May          79
##  6 June         67
##  7 July         87
##  8 August       99
##  9 September   177
## 10 October     390
## 11 November    134
```
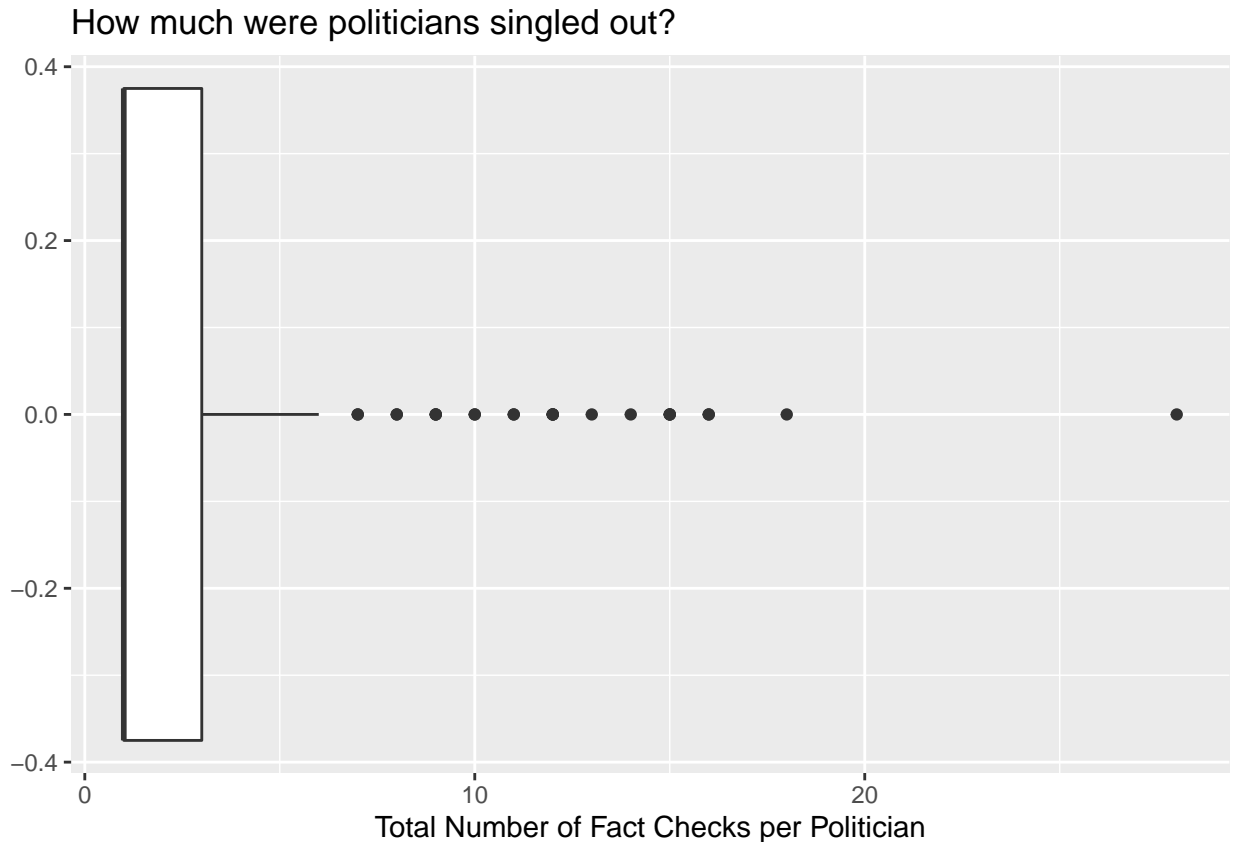
Number of Fact–Checked Claims by Month

number of fact-checks by politician (claimant name + politician as category)

```
## # A tibble: 238 x 2
## # Groups:   Claimant Name // (Claim Source?) [238]
##    'Claimant Name // (Claim Source?)'     n
##    <chr>                               <int>
##  1 Kim Reynolds                           28
##  2 Tudor Dixon                            18
##  3 Cindy Axne                             16
##  4 Ron Johnson                            16
##  5 Donald Trump                           15
##  6 Gretchen Whitmer                       15
##  7 Tony Evers                             15
##  8 Tim Michels                            14
##  9 Kari Lake                              13
## 10 Ashley Hinson                          12
## # ... with 228 more rows


##  Claimant Name // (Claim Source?)        n
##  Length:238                      Min.   : 1.000
##  Class :character                1st Qu.: 1.000
##  Mode  :character                Median : 1.000
##                                  Mean   : 2.937
##                                  3rd Qu.: 3.000
##                                  Max.   :28.000
```

How much were politicians singled out?

Total Number of Fact Checks per Politician

number of fact-checks by re-occurring non-political types of claimant

```
## # A tibble: 3 x 2
## # Groups:   Claimant Name // (Claim Source?) [3]
##   `Claimant Name // (Claim Source?)`     n
##   <chr>                              <int>
## 1 Unknown social media user(s)         140
## 2 Viewer question                      109
## 3 You may have heard...                 58
```

number of fact-checks by incumbent seeking re-election (same office held as office sought)

```
## # A tibble: 93 x 2
## # Groups:   Claimant Name // (Claim Source?) [93]
##    `Claimant Name // (Claim Source?)`     n
##    <chr>                              <int>
##  1 Kim Reynolds                          28
##  2 Cindy Axne                            16
##  3 Ron Johnson                           16
##  4 Gretchen Whitmer                      15
##  5 Tony Evers                            15
##  6 Ashley Hinson                         12
##  7 Ron DeSantis                          12
##  8 Greg Abbott                           11
##  9 Chuck Grassley                        10
## 10 Kevin Stitt                            9
## # ... with 83 more rows
```

number of fact-checks by current officeholder (yes)

```
## # A tibble: 155 x 2
## # Groups:   Claimant Name // (Claim Source?) [155]
##    `Claimant Name // (Claim Source?)`     n
##    <chr>                              <int>
##  1 Kim Reynolds                          28
##  2 Cindy Axne                            16
##  3 Ron Johnson                           16
##  4 Gretchen Whitmer                      15
##  5 Tony Evers                            15
##  6 Ashley Hinson                         12
##  7 Ron DeSantis                          12
##  8 Greg Abbott                           11
##  9 Chuck Grassley                        10
## 10 Joe Biden                             10
## # ... with 145 more rows
```

number of fact-checks by running for office (yes)

```
## # A tibble: 204 x 2
## # Groups:   Claimant Name // (Claim Source?) [204]
##    `Claimant Name // (Claim Source?)`     n
##    <chr>                              <int>
##  1 Kim Reynolds                          28
##  2 Tudor Dixon                           18
##  3 Cindy Axne                            16
##  4 Ron Johnson                           16
##  5 Donald Trump                          15
##  6 Gretchen Whitmer                      15
##  7 Tony Evers                            15
##  8 Tim Michels                           14
##  9 Kari Lake                             13
## 10 Ashley Hinson                         12
## # ... with 194 more rows
```

number of fact-checks by office held

```
## # A tibble: 21 x 2
## # Groups:   Current Position [21]
##    `Current Position`            n
##    <chr>                     <int>
##  1 Governor                    130
##  2 U.S. Representative          96
##  3 State Legislator             77
##  4 U.S. Senator                 61
##  5 State Attorney General       18
##  6 Mayor                        11
##  7 President                    10
##  8 Lieutenant Governor           8
##  9 County Official               6
## 10 State Political Party Chair   6
## # ... with 11 more rows
```

number of fact-checks by office sought

```
## # A tibble: 18 x 2
## # Groups:   Aspiring Position [18]
##    `Aspiring Position`                    n
##    <chr>                              <int>
##  1 Governor                             280
##  2 U.S. Representative                  123
##  3 U.S. Senator                         113
##  4 State Legislator                      37
##  5 State Attorney General                16
##  6 President                             15
##  7 Superintendent of Public Instruction   8
##  8 State Official                         7
##  9 State Treasurer                        7
## 10 District Attorney                      6
## 11 State Secretary of State               6
## 12 Mayor                                  4
## 13 County Official                        2
## 14 State Auditor                          2
## 15 State Political Party Chair            2
## 16 City Council Member                    1
## 17 Lieutenant Governor                    1
## 18 U.S. Congressman                       1
```

number of fact-checks by topic

```
##                                                           V1
## INDIVIDUAL RECORD                                        596
## ECONOMIC ISSUES                                          264
## LAW AND CRIME AND POLICING                               225
## HEALTH                                                   191
## LEGISLATION                                              188
## VOTING/ELECTIONS                                         159
## ABORTION/WOMEN                                           124
## GOVERNMENT OPERATIONS                                    120
## EDUCATION                                                101
## ENERGY AND ENVIRONMENT                                    74
## IMMIGRATION AND REFUGEE ISSUES                            42
## GUNS                                                      39
## COMMUNITY DEVELOPMENT AND HOUSING                         39
## RACE                                                      29
## SOCIAL WELFARE                                            25
## LGBTQ                                                     23
## HISTORY                                                   22
## AGRICULTURE                                               20
## MEDIA AND COMMUNICATIONS                                   8
## CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES           2
## TECHNOLOGY SCIENCE SPACE                                   2
## RELIGION                                                   1
##                                                                                            Tag
## INDIVIDUAL RECORD                                                               INDIVIDUAL RECORD
## ECONOMIC ISSUES                                                                   ECONOMIC ISSUES
## LAW AND CRIME AND POLICING                                             LAW AND CRIME AND POLICING
## HEALTH                                                                                     HEALTH
## LEGISLATION                                                                           LEGISLATION
## VOTING/ELECTIONS                                                                 VOTING/ELECTIONS
## ABORTION/WOMEN                                                                     ABORTION/WOMEN
## GOVERNMENT OPERATIONS                                                       GOVERNMENT OPERATIONS
## EDUCATION                                                                               EDUCATION
## ENERGY AND ENVIRONMENT                                                     ENERGY AND ENVIRONMENT
## IMMIGRATION AND REFUGEE ISSUES                                     IMMIGRATION AND REFUGEE ISSUES
## GUNS                                                                                         GUNS
## COMMUNITY DEVELOPMENT AND HOUSING                               COMMUNITY DEVELOPMENT AND HOUSING
## RACE                                                                                         RACE
## SOCIAL WELFARE                                                                     SOCIAL WELFARE
## LGBTQ                                                                                       LGBTQ
## HISTORY                                                                                   HISTORY
## AGRICULTURE                                                                           AGRICULTURE
## MEDIA AND COMMUNICATIONS                                                   MEDIA AND COMMUNICATIONS
## CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES
## TECHNOLOGY SCIENCE SPACE                                                   TECHNOLOGY SCIENCE SPACE
## RELIGION                                                                                 RELIGION
```

number of fact-checks by state and topic

```
## # A tibble: 26 x 23
##    State   'INDIVIDUAL REC~ 'ECONOMIC ISSUE~ 'GOVERNMENT OPER~ 'VOTING/ELECTIO~
```

```
##    <chr>          <dbl>         <dbl>         <dbl>         <dbl>
## 1 Arizona           44             5            11            31
## 2 Califor~           5            11             2             1
## 3 Colorado          43            13             2             9
## 4 Connect~           4             4             0             1
## 5 Distric~           1             8             3             2
## 6 Florida           25            12             2             0
## 7 Georgia            4             9             2             4
## 8 Illinois           3             2             0             0
## 9 Iowa             110            41            19             9
## 10 Kansas            5             5             0             0
## # ... with 16 more rows, and 18 more variables:
## #   CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES <dbl>,
## #   IMMIGRATION AND REFUGEE ISSUES <dbl>, LGBTQ <dbl>, RACE <dbl>,
## #   RELIGION <dbl>, SOCIAL WELFARE <dbl>, EDUCATION <dbl>,
## #   ABORTION/WOMEN <dbl>, HEALTH <dbl>, LAW AND CRIME AND POLICING <dbl>,
## #   GUNS <dbl>, HISTORY <dbl>, LEGISLATION <dbl>, AGRICULTURE <dbl>,
## #   ENERGY AND ENVIRONMENT <dbl>, COMMUNITY DEVELOPMENT AND HOUSING <dbl>, ...
```

number of fact-checks by state and topic

```
## # A tibble: 3 x 23
##   `INDIVIDUAL RECORD` `ECONOMIC ISSUES` `GOVERNMENT OPERATIONS` `VOTING/ELECTIO~
##                 <dbl>             <dbl>                   <dbl>            <dbl>
## 1                 381               158                      80               52
## 2                 156                51                      12               25
## 3                 596               264                     120              159
## # ... with 19 more variables:
## #   CIVIL RIGHTS MINORITY ISSUES AND CIVIL LIBERTIES <dbl>,
## #   IMMIGRATION AND REFUGEE ISSUES <dbl>, LGBTQ <dbl>, RACE <dbl>,
## #   RELIGION <dbl>, SOCIAL WELFARE <dbl>, EDUCATION <dbl>,
## #   ABORTION/WOMEN <dbl>, HEALTH <dbl>, LAW AND CRIME AND POLICING <dbl>,
## #   GUNS <dbl>, HISTORY <dbl>, LEGISLATION <dbl>, AGRICULTURE <dbl>,
## #   ENERGY AND ENVIRONMENT <dbl>, COMMUNITY DEVELOPMENT AND HOUSING <dbl>, ...
```

number of fact-checks by definitive rating

```
## # A tibble: 2 x 2
## # Groups:   Was a Definitive Rating Given? [2]
##   `Was a Definitive Rating Given?`     n
##   <chr>                            <int>
## 1 No                                  12
## 2 Yes                               1311
```

number of fact-checks by source of statement

```
## # A tibble: 8 x 2
## # Groups:   Source of Statement [8]
##   `Source of Statement`             n
##   <chr>                         <int>
## 1 Social Media                    394
## 2 Advertisement                   377
## 3 Written Statement               197
## 4 Speech/Remarks                  151
## 5 Debate                          112
## 6 N/A                              50
## 7 Interview/TV Appearance          41
## 8 Advertisement, Written Statement  1
```

number of fact-checks by fact-check format

```
## # A tibble: 4 x 2
## # Groups:   Fact-Check Format [4]
##   `Fact-Check Format`     n
##   <chr>               <int>
## 1 Article               762
## 2 Video + Article       441
## 3 Video                  66
## 4 Audio + Article        54
```

number of distinctfact-checks by fact-check format

```
## # A tibble: 4 x 2
## # Groups:   Fact-Check Format [4]
##   `Fact-Check Format`     n
##   <chr>               <int>
## 1 Article               585
## 2 Video + Article       333
## 3 Video                  30
## 4 Audio + Article        28
```

what percentage had multiple claims?

```
##          n
## 1 13.21721
```