

LocalFact Data Analysis

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Basic Queries: number of total checked claims

```
LocalFact %>%  
  count()
```

```
## # A tibble: 1 x 1  
##       n  
##   <int>  
## 1  1281
```

number of unique fact-checks published

```
LocalFact %>%  
  distinct(`Fact-Check URL`) %>%  
  count()
```

```
## # A tibble: 1 x 1  
##       n  
##   <int>  
## 1    913
```

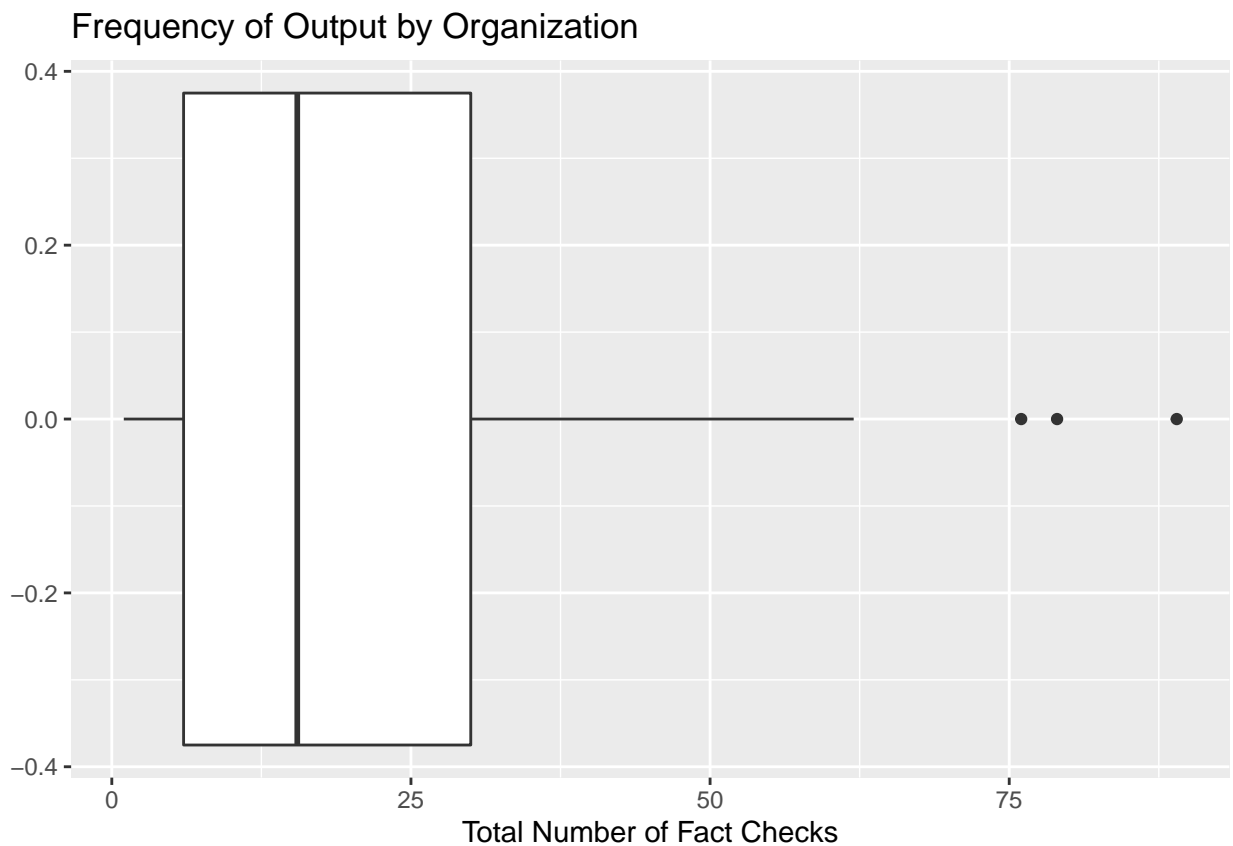
number of fact-checks by state

```
## # A tibble: 28 x 2  
## # Groups:   State [28]  
##   State      n  
##   <chr>  <int>  
## 1 Arizona      76  
## 2 California    40  
## 3 Colorado     48  
## 4 Connecticut   17  
## 5 District of Columbia 32  
## 6 Florida      56  
## 7 Georgia      45  
## 8 Illinois      8  
## 9 Iowa       163  
## 10 Kansas      27  
## # ... with 18 more rows
```

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

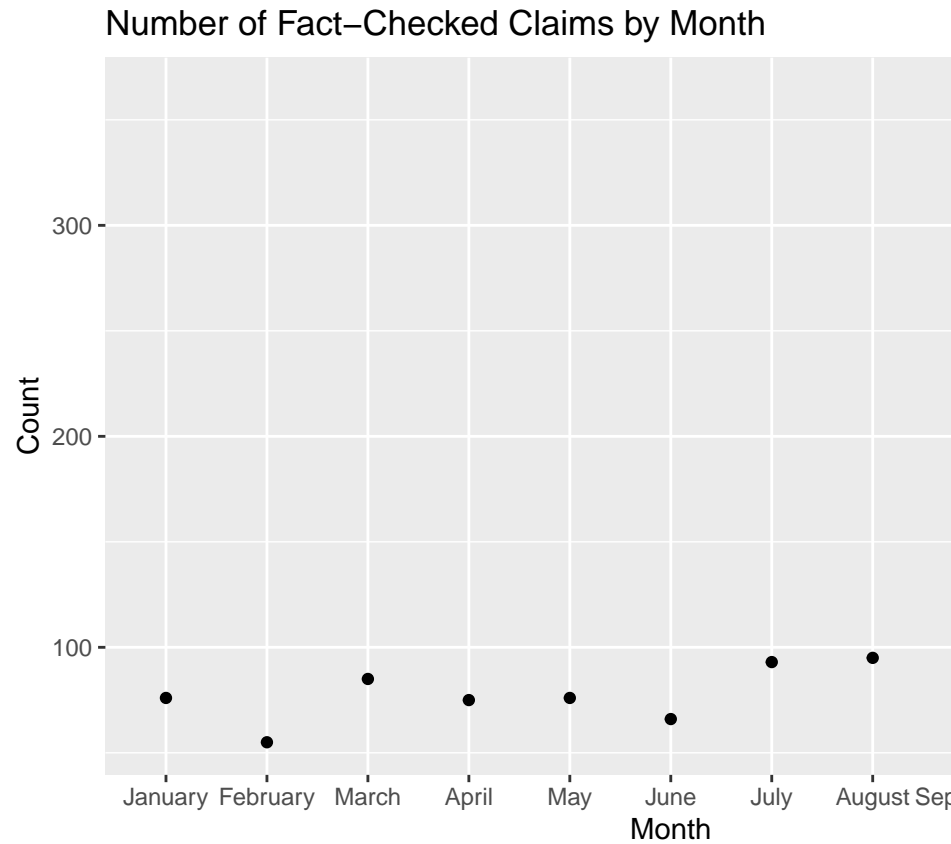
```
## # A tibble: 60 x 2
## # Groups:   Organization [60]
##   Organization      n
##   <chr>          <int>
## 1 PolitiFact Wisconsin      89
## 2 Wisconsin Watch (Gigafact)  79
## 3 WCNC Verify                76
## 4 Arizona Center for Investigative Reporting (Gigafact) 62
## 5 KCRG-TV's i9 Fact Checker   56
## 6 Bridge Michigan             55
## 7 The Frontier fact checks    54
## 8 Gazette Fact Checker         52
## 9 The News & Observer's Fact-Checking Project          47
## 10 11 Alive Verify            45
## # ... with 50 more rows
```

```
## Organization      n
## Length:60      Min.   : 1.00
## Class :character 1st Qu.: 6.00
## Mode  :character Median :15.50
##                  Mean   :21.35
##                  3rd Qu.:30.00
##                  Max.   :89.00
```



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          353
## 2 Political             928
```



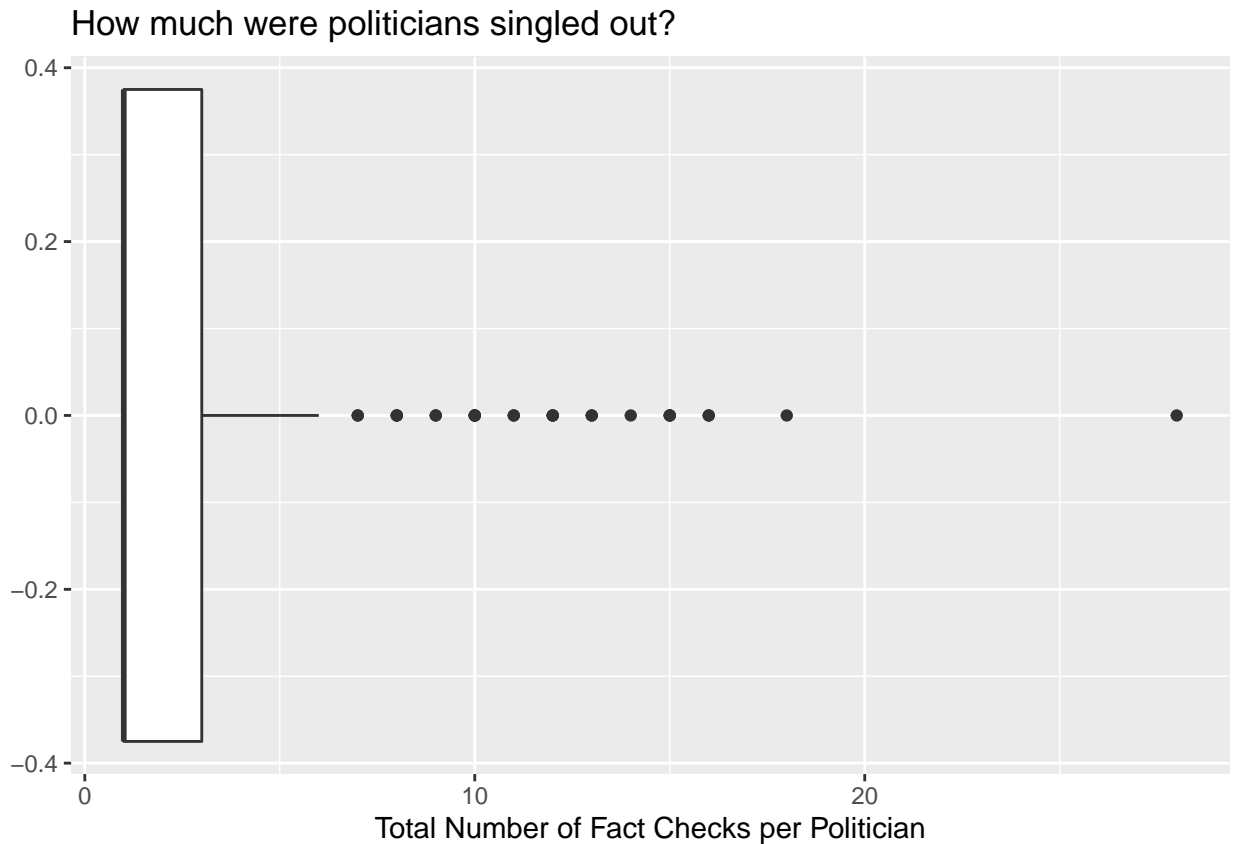
number of fact-checks by month of the year

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

```
## # A tibble: 229 x 2
## # Groups:   Claimant Name // (Claim Source?) [229]
##   '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 Ron DeSantis                       13
## # ... with 219 more rows
```

```
## Claimant Name // (Claim Source?)      n
```

```
## Length:229           Min.   : 1.000
## Class :character     1st Qu.: 1.000
## Mode  :character     Median : 1.000
##                     Mean   : 3.031
##                     3rd Qu.: 3.000
##                     Max.   :28.000
```



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)        139
## 2 Viewer question                     108
## 3 You may have heard...                65
```

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

```
## # A tibble: 69 x 2
## # Groups:   Claimant Name // (Claim Source?) [69]
##   'Claimant Name // (Claim Source?)' n
##   <chr>                                <int>
## 1 Kim Reynolds                        28
## 2 Ron Johnson                        16
```

```
## 3 Gretchen Whitmer 15
## 4 Tony Evers 15
## 5 Ron DeSantis 13
## 6 Greg Abbott 11
## 7 Chuck Grassley 10
## 8 Gavin Newsom 10
## 9 Ashley Hinson 9
## 10 Kevin Stitt 9
## # ... with 59 more rows
```

number of fact-checks by current officeholder (yes)

```
## # A tibble: 151 x 2
## # Groups:   Claimant Name // (Claim Source?) [151]
##   '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 Ron DeSantis 13
## 7 Ashley Hinson 12
## 8 Greg Abbott 11
## 9 Chuck Grassley 10
## 10 Derek Schmidt 10
## # ... with 141 more rows
```

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

```
## # A tibble: 199 x 2
## # Groups:   Claimant Name // (Claim Source?) [199]
##   'Claimant Name // (Claim Source?)' n
##   <chr> <int>
## 1 Kim Reynolds 28
## 2 Tudor Dixon 18
## 3 Cindy Axne 16
## 4 Ron Johnson 16
## 5 Gretchen Whitmer 15
## 6 Tony Evers 15
## 7 Donald Trump 14
## 8 Tim Michels 14
## 9 Kari Lake 13
## 10 Ron DeSantis 13
## # ... with 189 more rows
```

number of fact-checks by office held

```
## # A tibble: 18 x 2
## # Groups:   Current Position [18]
##   'Current Position' n
##   <chr> <int>
```

## 1 Governor	145
## 2 U.S. Representative	93
## 3 State Legislator	73
## 4 U.S. Senator	61
## 5 State Attorney General	23
## 6 Mayor	11
## 7 President	11
## 8 County Official	6
## 9 State Political Party Chair	6
## 10 National Party Committee Member	4
## 11 State Secretary of State	4
## 12 Superintendent of Public Instruction	4
## 13 Lieutenant Governor	3
## 14 State Official	3
## 15 State Treasurer	3
## 16 State Auditor	2
## 17 State Surgeon General	2
## 18 City Council Member	1

number of fact-checks by office sought

## # A tibble: 18 x 2	
## # Groups: Aspiring Position [18]	
## 'Aspiring Position'	n
## <chr>	<int>
## 1 Governor	294
## 2 U.S. Senator	104
## 3 Representative	82
## 4 U.S. Representative	40
## 5 State Legislator	34
## 6 State Attorney General	17
## 7 President	14
## 8 Superintendent of Public Instruction	8
## 9 State Official	7
## 10 State Treasurer	7
## 11 District Attorney	6
## 12 State Secretary of State	6
## 13 Mayor	4
## 14 State Auditor	2
## 15 State Political Party Chair	2
## 16 City Council Member	1
## 17 County Official	1
## 18 Lieutenant Governor	1

number of fact-checks by topic

##	V1
## INDIVIDUAL RECORD	570
## ECONOMIC ISSUES	266
## LAW AND CRIME AND POLICING	216
## LEGISLATION	196
## HEALTH	191
## VOTING/ELECTIONS	136

```

## ABORTION/WOMEN 124
## GOVERNMENT OPERATIONS 121
## EDUCATION 95
## ENERGY AND ENVIRONMENT 73
## IMMIGRATION AND REFUGEE ISSUES 42
## COMMUNITY DEVELOPMENT AND HOUSING 42
## GUNS 39
## RACE 33
## LGBTQ 26
## SOCIAL WELFARE 26
## HISTORY 23
## 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
## LEGISLATION LEGISLATION
## HEALTH HEALTH
## 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
## COMMUNITY DEVELOPMENT AND HOUSING COMMUNITY DEVELOPMENT AND HOUSING
## GUNS GUNS
## RACE RACE
## LGBTQ LGBTQ
## SOCIAL WELFARE SOCIAL WELFARE
## 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: 28 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 18 2 1
## 3 Colorado 43 13 2 9
## 4 Connect~ 7 6 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      8      5      3      0
## # ... with 18 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             375             157             80             50
## 2             144             50             14             24
## 3             570            266            121            136
## # ... 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                                   13
## 2 Yes                                1268
```

number of fact-checks by source of statement

```
## # A tibble: 7 x 2
## # Groups:   Source of Statement [7]
##   'Source of Statement'      n
##   <chr>                     <int>
## 1 Advertisement            373
## 2 Social Media             342
## 3 Written Statement        191
## 4 Speech/Remarks          164
## 5 Debate                   117
## 6 N/A                      51
## 7 Interview/TV Appearance   43
```

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                743
## 2 Video + Article        418
## 3 Video                  66
## 4 Audio + Article        54
```

what percentage had multiple claims?

```
##      n
## 1 14.56736
```