



West Wing Reads



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Wall Street Journal Editorial Board: Confirm Brett Kavanaugh



The White House @WhiteHouse · Sep 28

The Wall Street Journal editorial board writes that "Judge Kavanaugh was right to call the confirmation process a 'disgrace.'"

More in today's **West Wing Reads**: 45.wh.gov/8V3xFI



1.3K 2.6K 9.3K

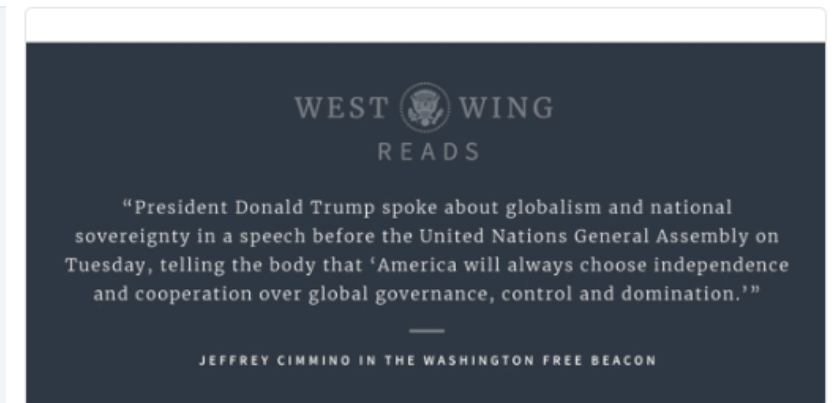
"Judge Kavanaugh was right to call the confirmation process a 'disgrace' in his passionate self-defense," *The Wall Street Journal* editorial board writes. Dr. Christine Blasey Ford's "allegation should have been vetted privately, in confidence, as she said she would have preferred. Instead ranking Democrat Dianne Feinstein held it for six weeks and it was leaked—perhaps to cause precisely such a hearing circus."



The White House @WhiteHouse · Sep 26

President @realDonaldTrump's speech to the United Nations General Assembly yesterday "brought into sharp relief" the achievements in U.S. foreign policy since his first powerful U.N. address one year ago.

This story and more in **West Wing Reads**: 45.wh.gov/8V3xFI



699 954 4.3K



The White House @WhiteHouse · Sep 27

"It's hard to believe that just two short years ago, our economy was limping along with no sign of a massive boom around the corner," Michael Busler writes.

More in today's **West Wing Reads**: 45.wh.gov/8V3xFI



1.1K 1.2K 5.1K

Sources

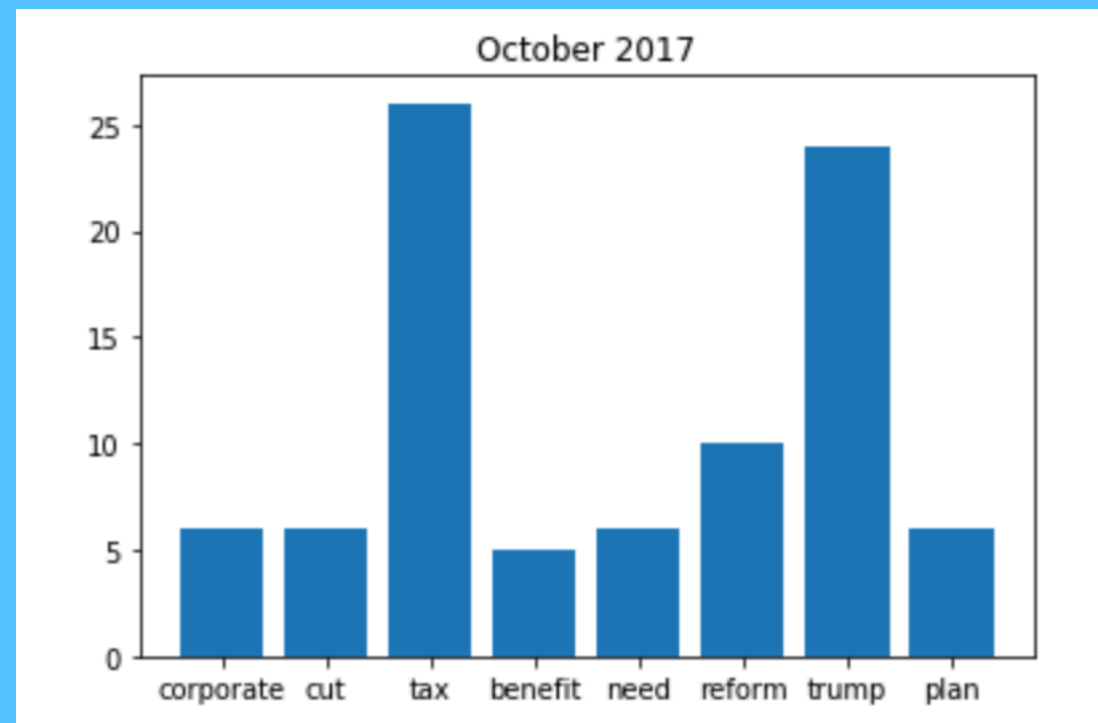
Jun 2017 - September 2018

What we noticed

- A lot of repeated articles in the dataset.
- Some news sources overrepresented
- Difference between publishing date and posting date
- Larger proportion conservative sources

Exploratory Visualizations

publisher	Count
washingtonexaminer.com	144
thehill.com	101
wsj.com	100
washingtontimes.com	95
foxnews.com	82
usatoday.com	49
nypost.com	45
dailysignal.com	45
washingtonpost.com	41
cnbc.com	36
freebeacon.com	28
bloomberg.com	27
investors.com	26
reuters.com	25
nytimes.com	24



Questions

- Why are these particular articles recommended ?
- Why are the patterns in terms of the sources ?
- What topics are being addressed in these articles?
- Which keywords occur most frequently over a given month?

Issues Faced

- No data logged for April 2018
- No training data available - scrape data off the web
- Repeated entries (Saturday Summaries)
- Negative values obtained for comparisons between published and release dates

Issues Faced

- Analyzing Twitter Trends - too noisy

```
{('danny', 'JJ'): 3,
 ('gary', 'JJ'): 4,
 ('green', 'JJ'): 3,
 ('james', 'NNS'): 4,
 ('jones', 'NNS'): 4,
 ('sean', 'JJ'): 4,
 ('thursdaythoughts', 'NNS'): 4,
 ('west', 'JJS'): 4,
 ('williams', 'NNS'): 5,
 ('young', 'JJ'): 4}
```

- LDA for Topic Model Analysis - did not discover distinct topics

```
Topic: 0
Word: 0.002*"child" + 0.002*"computer" + 0.002*"united" + 0.002*"education" + 0.002*"science" + 0.002*"national" + 0.002*"job" + 0.002*"health" + 0.002*"family" + 0.002*"system"

Topic: 1
Word: 0.000*"magnitude" + 0.000*"marston" + 0.000*"cummins" + 0.000*"derrick" + 0.000*"dusty" + 0.000*"hawesville" + 0.000*"pena" + 0.000*"invictus" + 0.000*"prusak" + 0.000*"nieto"

Topic: 2
Word: 0.002*"opioid" + 0.002*"drug" + 0.001*"prison" + 0.001*"overdose" + 0.001*"addiction" + 0.001*"energy" + 0.001*"lady" + 0.001*"icc" + 0.001*"death" + 0.001*"rome"

Topic: 3
Word: 0.002*"farmer" + 0.002*"space" + 0.001*"human" + 0.001*"china" + 0.001*"trade" + 0.001*"palestinian" + 0.001*"agriculture" + 0.001*"want" + 0.001*"tariff" + 0.001*"peace"

Topic: 4
Word: 0.001*"snap" + 0.001*"gas" + 0.001*"energy" + 0.001*"chemical" + 0.001*"natural" + 0.001*"nuclear" + 0.001*"sanction" + 0.001*"weapon" + 0.001*"north" + 0.001*"syrian"

Topic: 5
Word: 0.002*"cyber" + 0.001*"ice" + 0.001*"hbcus" + 0.001*"democrat" + 0.001*"black" + 0.001*"california" + 0.001*"disaster" + 0.001*"say" + 0.001*"college" + 0.001*"fema"

Topic: 6
Word: 0.004*"veteran" + 0.002*"park" + 0.002*"va" + 0.002*"program" + 0.001*"choice" + 0.001*"care" + 0.001*"apprenticeship" + 0.001*"congress" + 0.001*"white" + 0.001*"house"

Topic: 7
Word: 0.001*"corruption" + 0.001*"fastest" + 0.001*"gang" + 0.001*"preparedness" + 0.001*"scientific" + 0.001*"kayla" + 0.001*"member" + 0.001*"laboratory" + 0.001*"detection" + 0.001*"consequence"

Topic: 8
Word: 0.001*"tax" + 0.001*"wind" + 0.001*"energy" + 0.001*"north" + 0.001*"isi" + 0.001*"speech" + 0.001*"hhs" + 0.000*"iranian" + 0.000*"treatment" + 0.000*"sign"

Topic: 9
Word: 0.001*"rural" + 0.001*"veteran" + 0.001*"county" + 0.001*"housing" + 0.001*"west" + 0.001*"foxconn" + 0.001*"factory" + 0.001*"manatee" + 0.001*"henry" + 0.001*"fought"

Topic: 10
Word: 0.001*"cdc" + 0.001*"ebola" + 0.001*"drc" + 0.000*"biomedical" + 0.000*"global" + 0.000*"disease" + 0.000*"security" + 0.000*"partner" + 0.000*"homeland" + 0.000*"spread"

Topic: 11
Word: 0.001*"tax" + 0.001*"biodefense" + 0.001*"biological" + 0.001*"cut" + 0.001*"mental" + 0.001*"deregulation" + 0.001*"thank" + 0.001*"nuclear" + 0.001*"tape" + 0.001*"progressive"

Topic: 12
Word: 0.002*"trade" + 0.001*"crime" + 0.001*"justice" + 0.001*"kavanaugh" + 0.001*"rate" + 0.001*"product" + 0.001*"judge" + 0.001*"manufacturing" + 0.001*"tariff" + 0.001*"fair"
```


Approach

- Topics were identified through the White House Website
- Scraping through URL was a challenge since many websites blocked 'bots' from accessing their webpage
- Created a Corpus based on Topics identified
- Classified through the Naive Bayes Algorithm

Major Events in that Time

- July 2017 -Senate Health Care Bill Failed
- September 2017 - Hurricane Irma in Puerto Rico
- April 2018- US China Trade Tariffs
- May 2018 - Iran Deal Suspended
- June 2018 - US - North Korea Peace Summit
- September 2018- Judge Kavanaugh Nomination

June'17	Jul'17	Aug'17	Sep'17	Oct'17	Nov'17	Dec'17	Jan'18
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Energy

Harvey

DACA

DACA

Peurto Rico

China

Christmas

Economy

House

Health

Immigration

Plan

Corporate

GOP

Cut

Boost

Obamacare

Russia

Opioid

Reform

Plan

Plan

National Security

Tax

Record

Obamacare

Harvey

Tax

Reform

Reform

Reform

Pay

Russia

VA

Tax

Cut

Tax

Tax

Tax

Employee

Feb'18	Mar'18	May'18	Jun'18	Jul'18	Aug'18	Sep'18
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America	Economic	Pompeo	Iran	American	Trade	Economy
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Infrastruc.	Steel	Eastern	Corporate	Supreme	NATO	Hurricane
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Reform	Plan	Opioid	Plan	ICE	Kavanaugh	Kavanaugh
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Tax	Tax	Johnson	Trade	Kavanaugh	Job	Supreme
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Benefit	Infrastruct.	Family	Korea	Korea	Tarrif	Sanction
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HEALTHCARE JOBS
TECHNOLOGY
JUSTICE PROGRAMS
AGRICULTURE
BUDGET SPENDING DEFENSE
ECONOMY LAND
ENVIRONMENT FOREIGN
VETERANS
POLICY LAW IMMIGRATION
ENERGY & NATIONAL
EDUCATION INFRASTRUCTURE

WordIt

Topics Covered in the West Wing Read



W. Examiner



The Hill



WSJ



Wash. Times



Fox News



USA Today



Daily Signal



NY Post



Wash. Post



CNBC

0

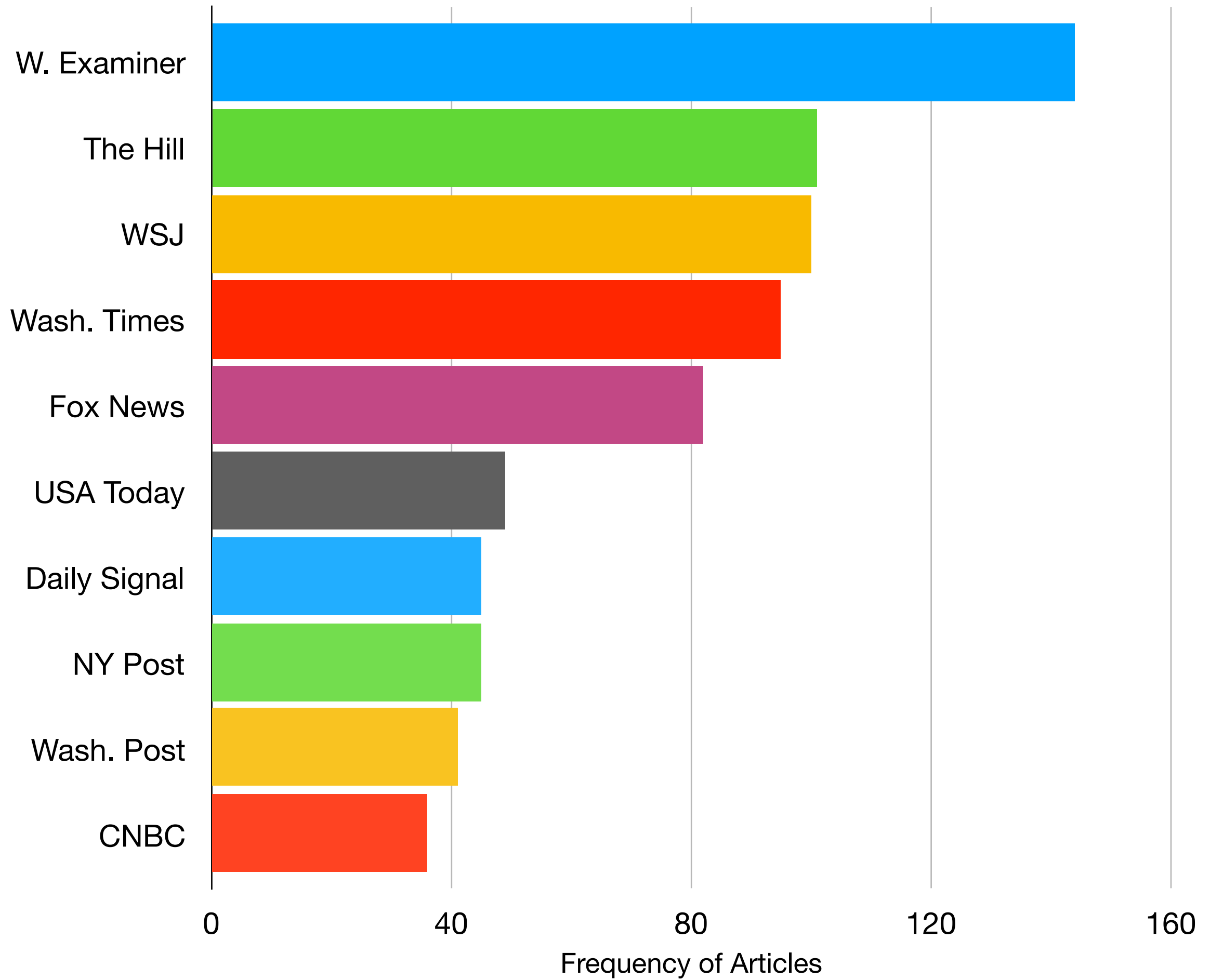
10

20

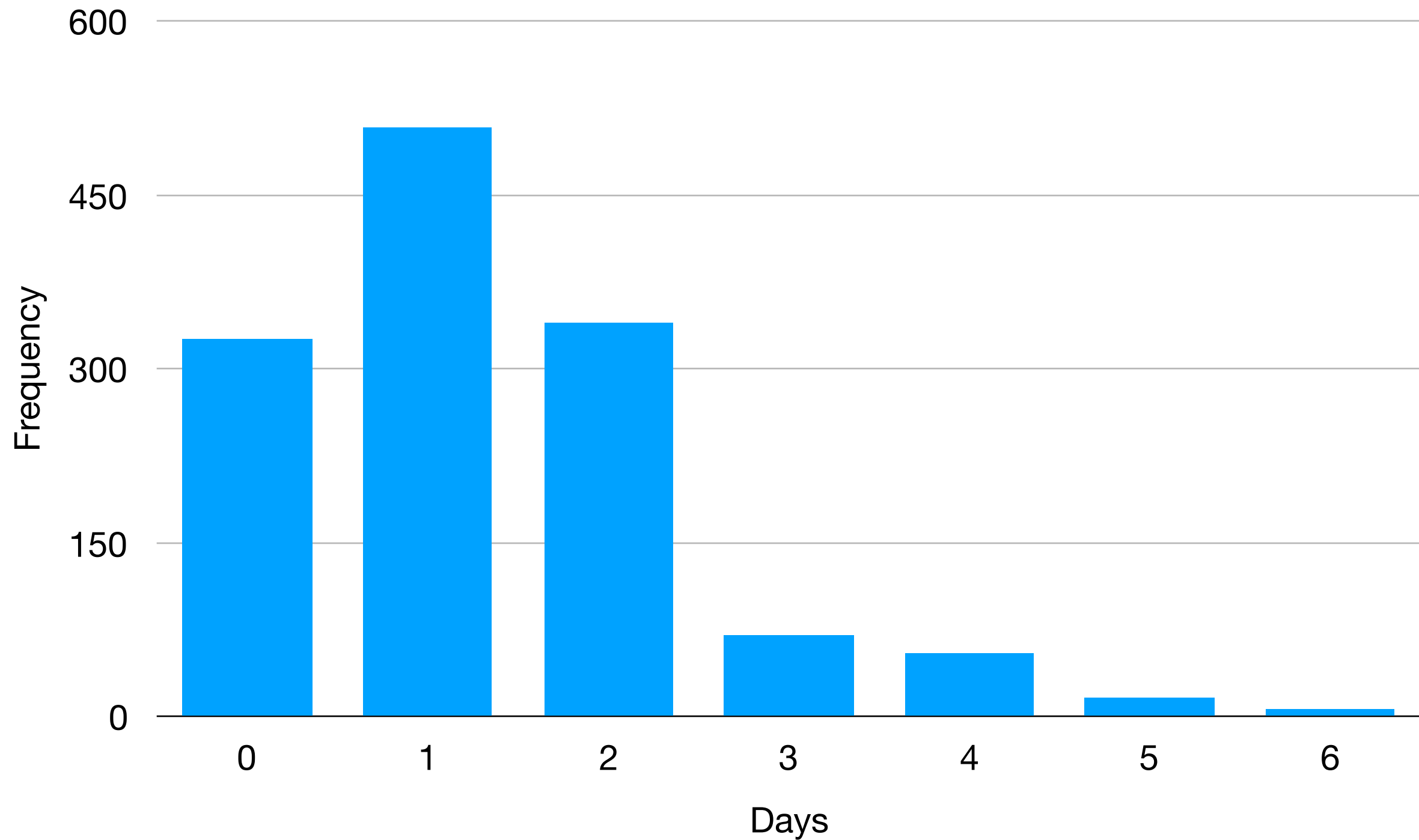
30

40

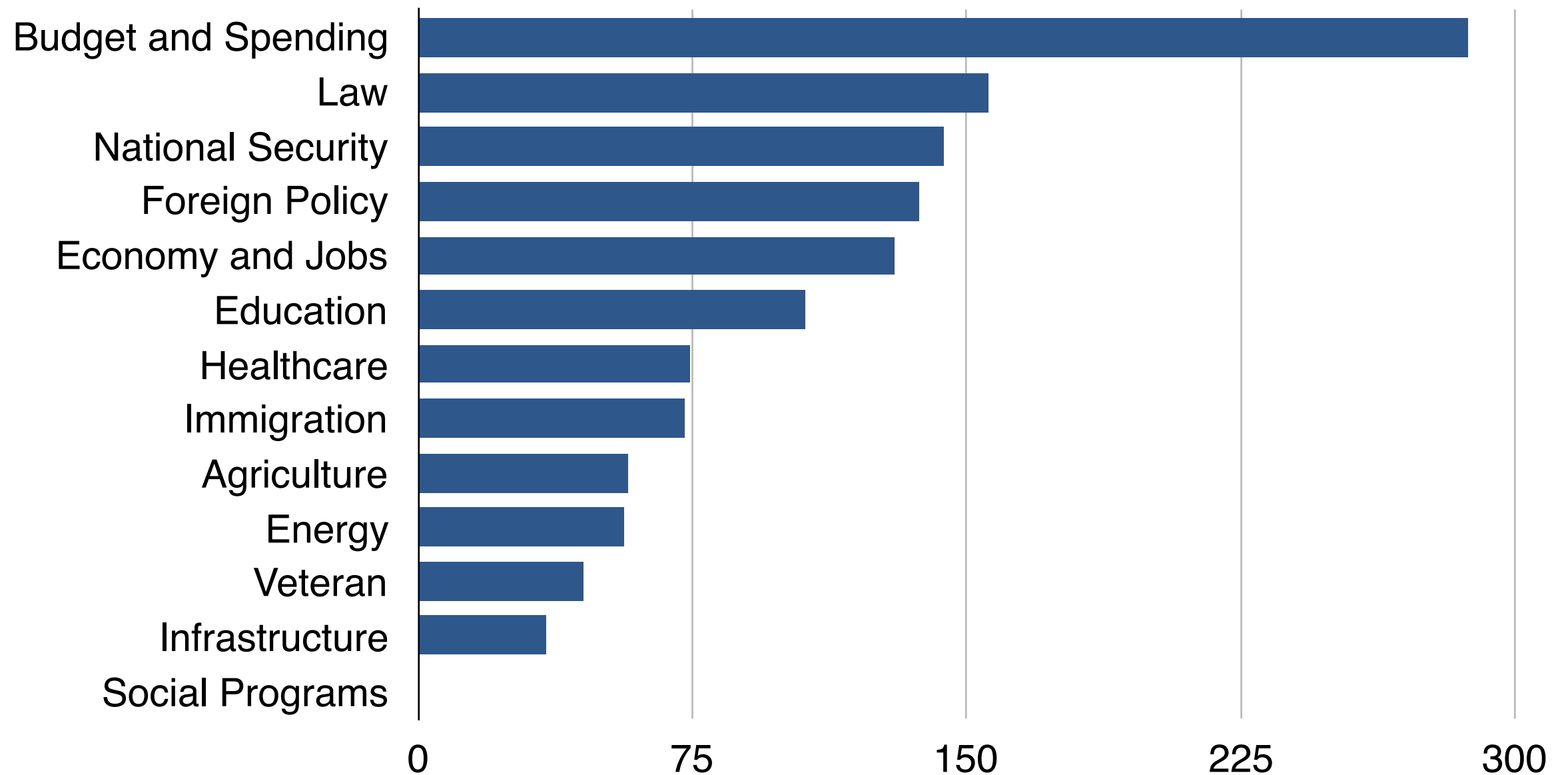
Topic - Foreign Policy



Delay between publication and press release



Distribution of articles (based on extracted keywords)



Distribution of articles (based on extracted keywords)

