

FAKE NEWS

**ALTERNATIVE
FACTS**

Detecting the 'Fake News' Before It Was Even Written

Preslav Nakov

Qatar Computing Research Institute, HBKU

Singapore Symposium on Natural Language Processing (SSNLP 2019)

October 31, 2019

Singapore

What is “Fake News”?



08.03.2019 BNT News

Mariya Gabriel: 75% of young people do not recognize fake news

Europe is taking small steps to fight against fake news, but the road is very long. Mariya Gabriel, European Commissioner for Digital Economy and Digital Society told ...

Share with friends



<https://www.bnt.bg/en/a/mariya-gabriel-75-of-young-people-do-not-recognize-fake-news>

Monday, December 12, 2016

WAR ON CHRISTMAS: OBAMA ORDERS BAN ON CHRISTMAS CARDS TO MILITARY

FOX NEWS
OBAMA ORDERS BAN ON ALL CHRISTMAS CARDS TO OVERSEAS SERVICEMEN
PENTAGON TO CENSOR ALL OUTGOING MAIL THAT APPEARS TO BE CHRISTMAS THEMED

Thursday 11 April 2019 by Chris Ballard

TV fans delighted as Brexit renewed for another season

 Like Bozhidar Bozhanov and 358K others like this.

Fans of Britain's long-running comedy-drama Brexit are today overjoyed after learning that another season of the popular show has been commissioned.

Just when it looked like the UK's telly addicts would need to find another boxset to binge it has been announced that

Brexit – possibly the greatest farce since *Fawlty Towers* and a fantasy to rival *Game of Thrones* – will roll on for at least one more season.

Brexit aficionado Simon Williams had been bracing himself for the show's emotional finale.

"I'm so happy!" he said. "There's still so much potential with these characters, so many more votes they could have on Theresa May's deal."



Web creator Tim Berners-Lee blasts Facebook, saying it makes his invention easy to 'weaponize'

Published: Mar 19, 2018 4:40 a.m. ET



On World Wide Web's 29th birthday, Tim Berners-Lee criticizes its "gatekeepers" such as Facebook and suggests more regulation



Getty Images

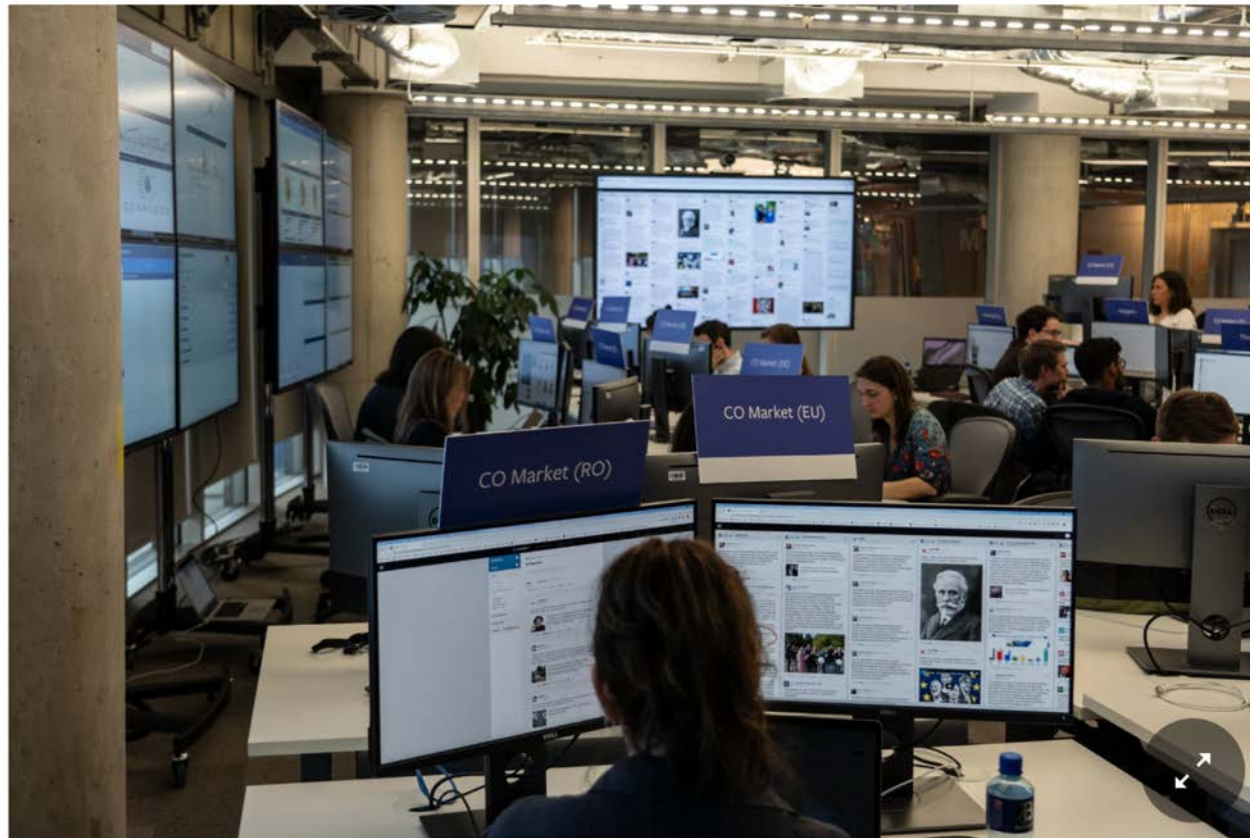


Computer scientist Tim Berners-Lee, the "father of the World Wide Web."

<https://www.marketwatch.com/story/webs-creator-blasts-the-tech-giants-that-make-his-invention-easy-to-weaponize-2018-03-12>

The New York Times

*At Least 70 Countries
Have Had **Disinformation**
Campaigns, Study Finds*

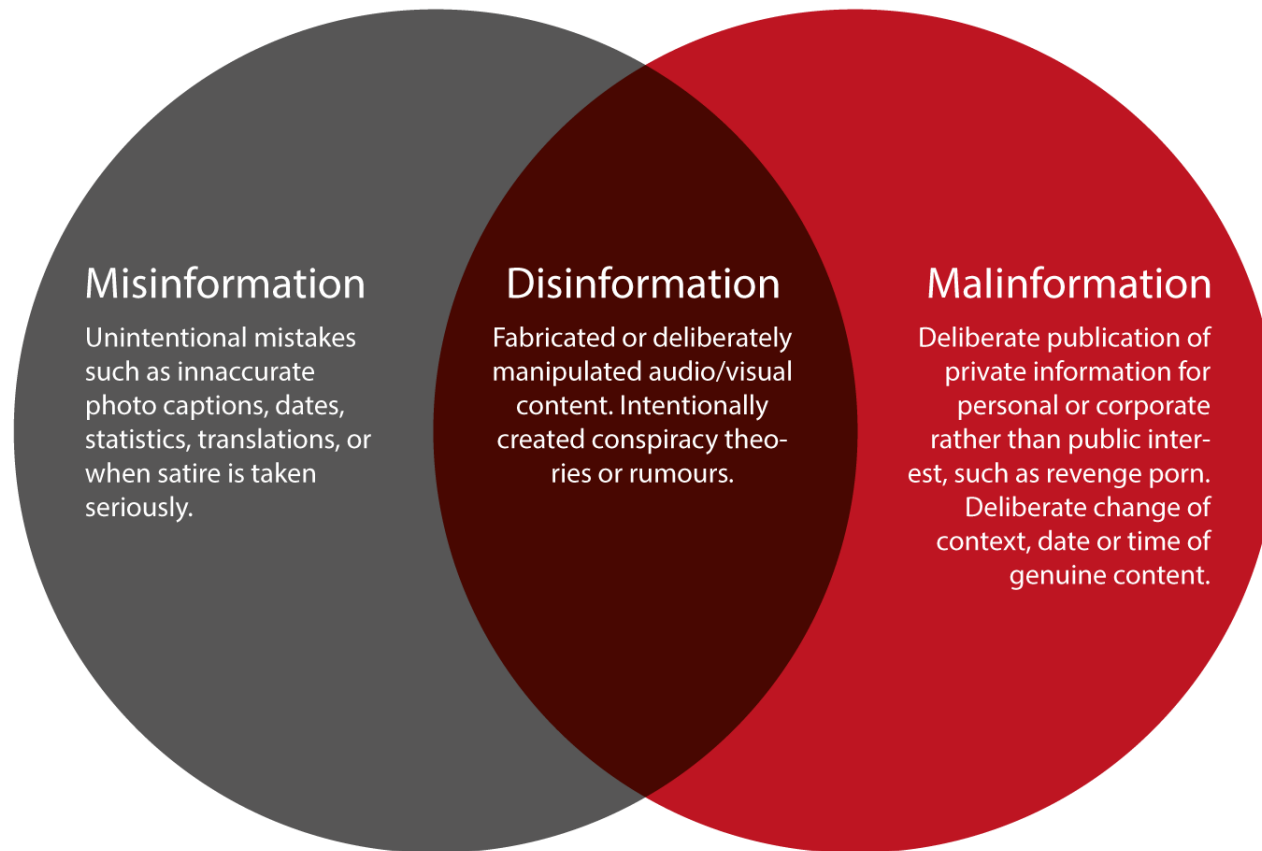


<https://www.nytimes.com/2019/09/26/technology/government-disinformation-cyber-troops.html>

TYPES OF INFORMATION DISORDER

FALSENESS

INTENT TO HARM



Misinformation

Unintentional mistakes such as inaccurate photo captions, dates, statistics, translations, or when satire is taken seriously.

Disinformation

Fabricated or deliberately manipulated audio/visual content. Intentionally created conspiracy theories or rumours.

Malinformation

Deliberate publication of private information for personal or corporate rather than public interest, such as revenge porn.
Deliberate change of context, date or time of genuine content.

Is Fact-Checking the Solution to Disinformation?



A Lot of Work Focused on Fact-Checking *Claims, Rumors, Articles*



Elon Musk ✓
@elonmusk

Following

Am considering taking Tesla private at \$420. Funding secured.

9:48 AM - 7 Aug 2018

'Putin is DEAD' Shock claims Vlad was killed YEARS ago and Russia led by 'body double'

VLADIMIR Putin was killed in a plot by the CIA and MI6 and replaced with a body double who still leads Russia, according to astonishing claims.

During Farewell Address to Armed Forces, Obama URGES Soldiers to Do the Unthinkable to Trump

Like Share 945 people like this. Be the first of your friends.



Do you agree with the Senate's vote on Kavanaugh?

Yes

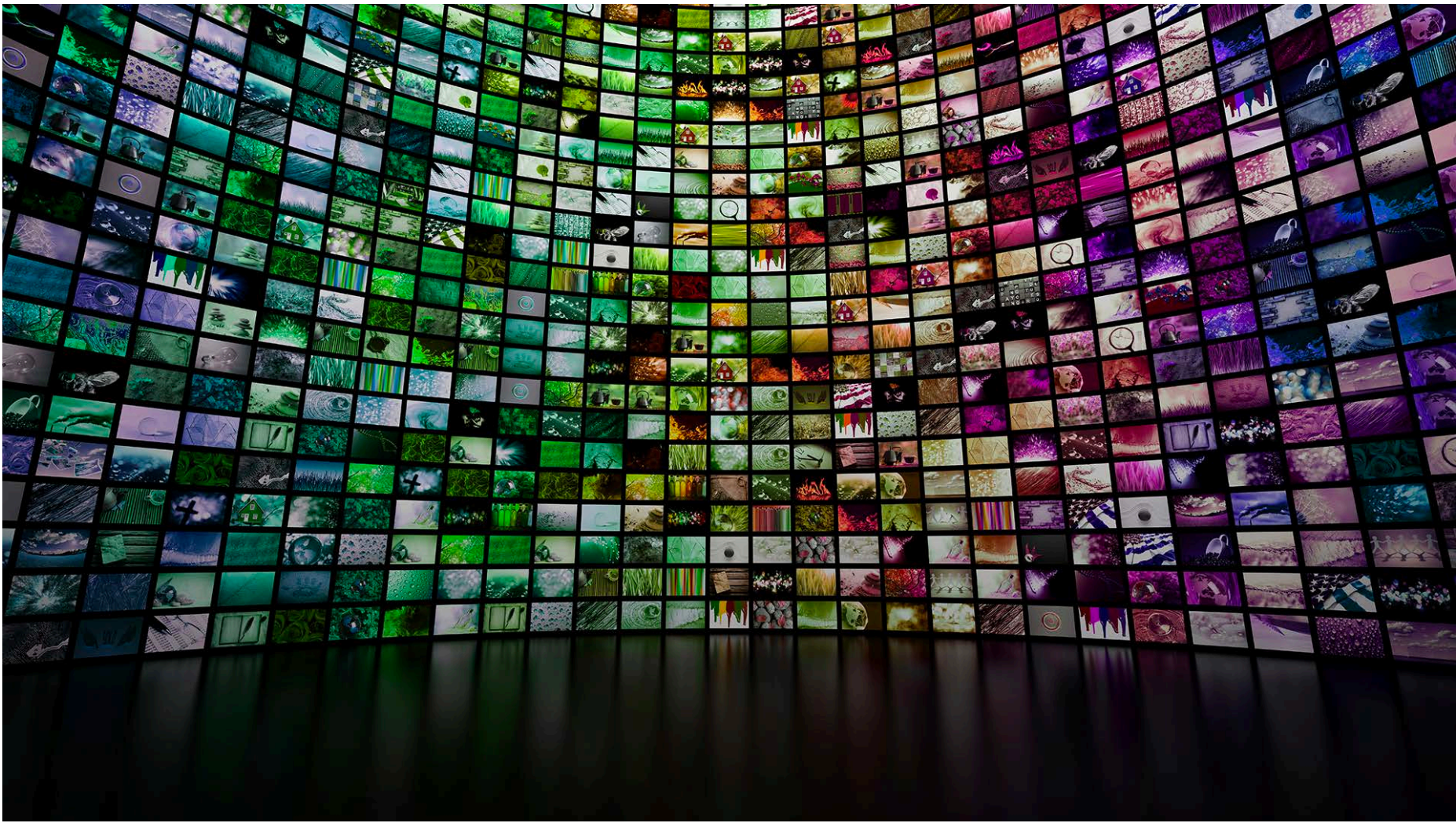
No

Not sure

2,764 Votes · Promoted Content

There is no question this country has been infiltrated by the far-left. If you were expecting President Obama to engage in a civil discourse with the president-elect, then I am afraid you are sadly mistaken.

But Can We Fact-Check Every Claim in the World?



Fake News Generation Can Now Be Automated

GPT-2: <https://talktotransformer.com>

Custom prompt

The price of oil just hit \$100 per barrel.

GENERATE ANOTHER

Completion

The price of oil just hit \$100 per barrel.

"That's a price that we had not anticipated."

"I think we've got a pretty good idea as to what the market situation is going on," said Mr. Treloar.

"We can tell that the market is still holding at the high end of its range and we think it could continue to drop over the course of the remainder of the year or maybe for the rest of the year."

"We certainly look for oil to be in the \$60s to be around now."

Grover: <https://grover.allenai.org>

Oil is back above \$100. That should shock you into thinking more about energy policy. Or it should, but in fact it doesn't.

Yes, we might turn off the heat if we had to – but there's no way we can walk away from oil. It's an essential part of everyday life in almost all parts of the world.

And so we will continue to pump it. Probably, the oil-supply cartel OPEC (which always has good sense – remember this?).

That's going to be bad news for consumers everywhere, but especially in the energy-importing countries where more than half of our oil imports come from. Some of these markets are in major trouble, including Poland, India, and the East European region, but many other countries – led by Russia, Venezuela,

Iran, and Nigeria – are getting richer and will oil remains affordable.

Take a quiz:

<https://quiz.newsyoucantuse.com/>

Fake news travels six times faster than the truth on Twitter



TECHNOLOGY 8 March 2018

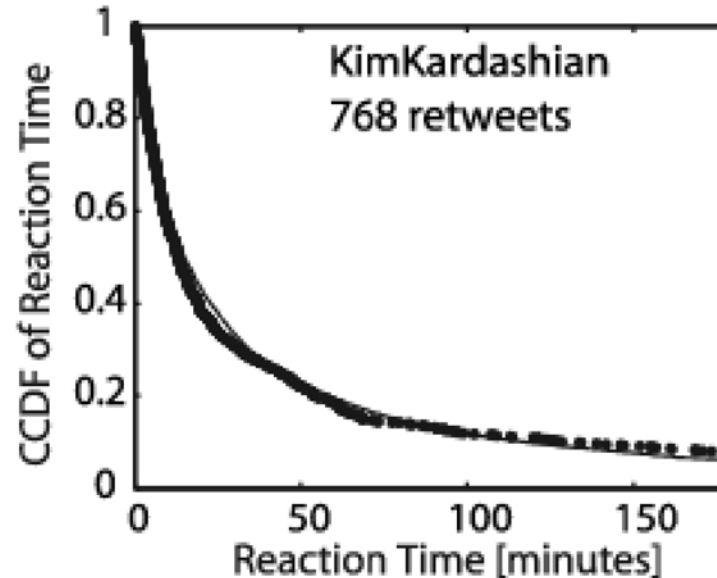
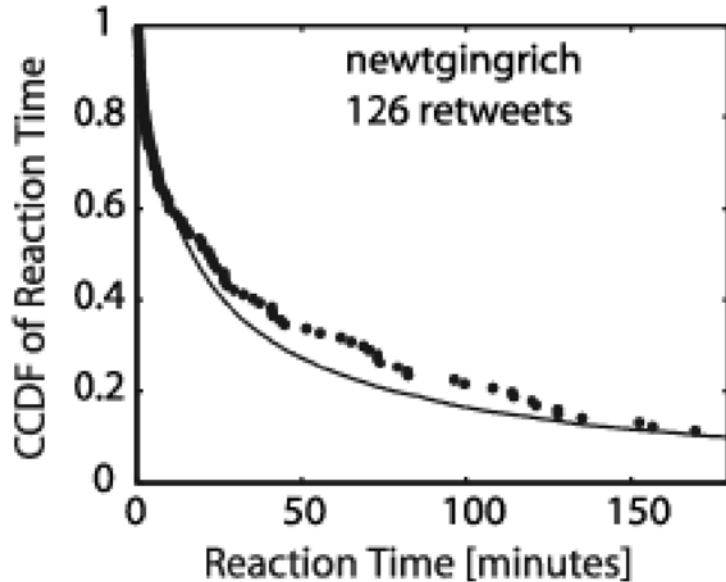
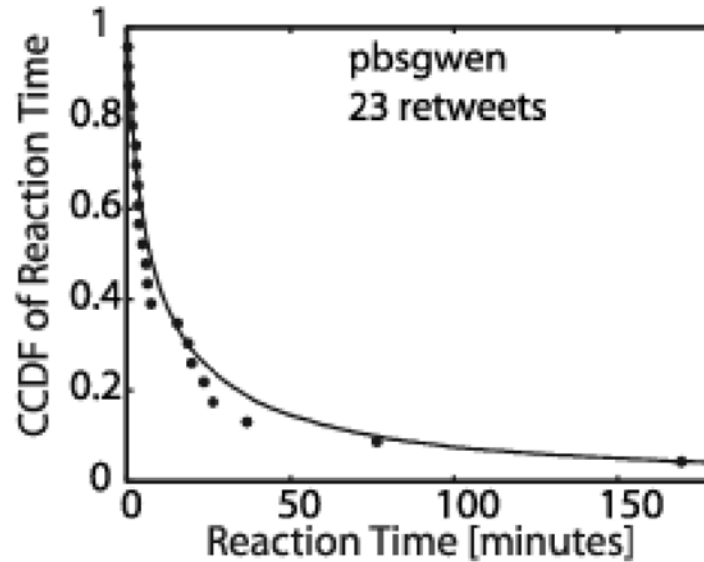
By [Chris Stokel-Walker](#)



News travels fast, especially when it's wrong

<https://www.newscientist.com/article/2163226-fake-news-travels-six-times-faster-than-the-truth-on-twitter/>

**50% of the spread
of "fake news"
on Twitter:
<10 minutes**



Tauhid Zaman, Emily B. Fox, and Eric T. Bradlow
A Bayesian approach for predicting the popularity of
tweets.
Ann. Appl. Stat. 8(3):1583-1611, 2014.
<https://projecteuclid.org/euclid.aoas/1414091226>

So, Better to Go After the Source



Search the site



Would you like to retire rich?

Yes

<http://www.angrypatriotmovement.com/>

During Farewell Address to Armed Forces, Obama URGES Soldiers to Do the Unthinkable to Trump

Like Share 945 people like this. Be the first of your friends.



Do you agree with the Senate's vote on Kavanaugh?

Yes

No

Not sure

2,764 Votes · Promoted Content

There is no question this country has been infiltrated by the far-left. If you were expecting President Obama to engage in a civil discourse with the president-elect, then I am afraid you are sadly mistaken.

**Thus, We Can Detect “Fake News”
Before It Was even Written!**



Can We Win the War on “Fake News”?



Complex Problem, No Easy Solution

- **Need for cooperation**

- social media, technology companies
- governments
- international organizations
- civil society: journalists, fact-checkers, media, NGOs, etc.
- researchers: academia, industry



Finland is winning the war on fake news. What it's learned may be crucial to Western democracy

By Eliza Mackintosh, CNN
Video by Edward Kiernan, CNN



<https://edition.cnn.com/interactive/2019/05/europe/finland-fake-news-int/>



“Propaganda becomes ineffective the moment we are aware of it.”

Joseph Goebbels (1897-1945)

The *Tanbih* Mega-Project



Tanbih: Raising Awareness



<http://www.tanbih.org>



Highlights:

- **Disinformation-aware news aggregator**
- **Media profiles:** help fact-check the news before it was even written
- **Fine-grained propaganda analysis:** trains people to recognize it

BUSINESS

SPORTS

POLITICS

TECH & SCI



"We're OK" says British colleague of eight climbers feared dead in India



1 of 2

NODE



'Nothing Short of Madness': Netanyahu Accused of Trying to Turn Israel Into Iran



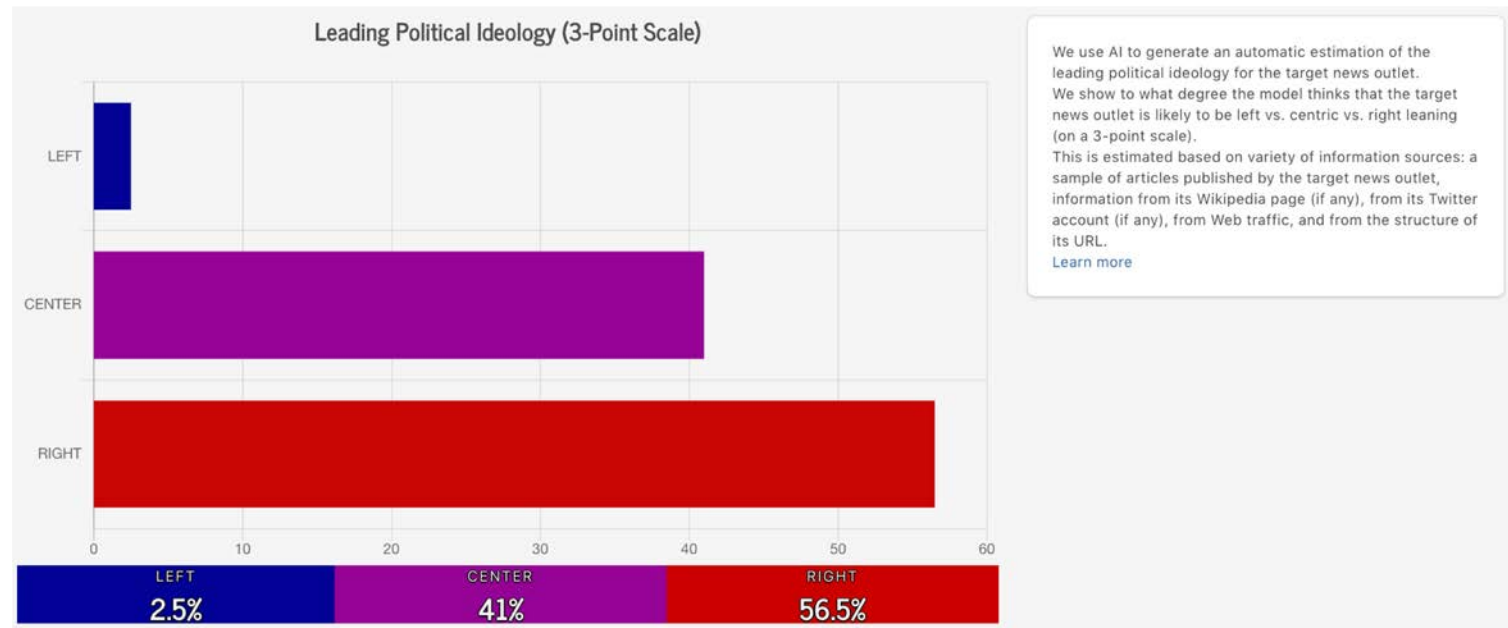
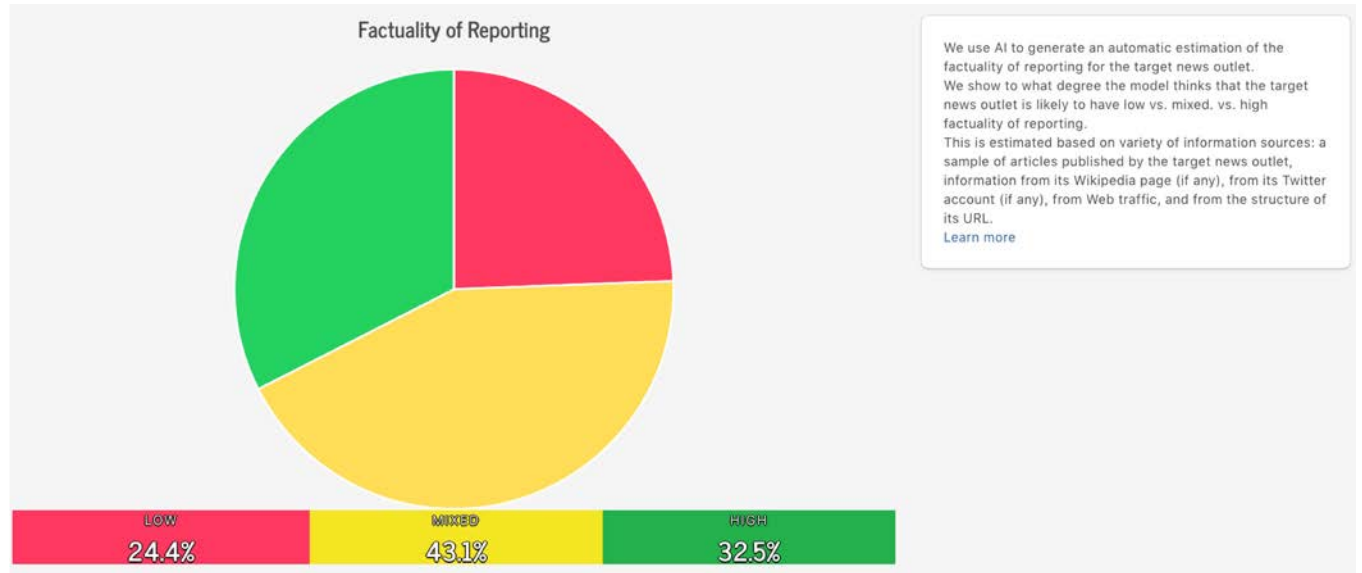
1 of 2

MIDDLEEAST

Propaganda? some



Try Tanbih:
<http://www.tanbih.org>



Media Bias and Factuality of Reporting



MEDIA BIAS/FACT CHECK

The Most Comprehensive Media Bias Resource



SEARCH ONLY MEDIA SOURCES (best results)



- HOME
- SEARCH
- ABOUT
- METHODOLOGY
- MBFC NEWS
- ORIGINAL ARTICLES/NEWS
- LIVE TV NEWS
- APPS/EXTENSIONS
- SUBMIT SOURCE
- SUBMIT FACT CHECK
- SOURCES PENDING
- FACTUAL NEWS SEARCH
- FILTERED SEARCH
- RSS
- (NEW) HELP US FACT CHECK

- Left Bias
- Left-Center Bias
- Least Biased
- Right-Center Bias
- Right Bias
- Pro-Science
- Conspiracy-Pseudoscience
- Questionable Sources
- Satire
- (NEW) Re-Evaluated Sources

We are the most comprehensive media bias resource on the internet. There are currently 2500+ media sources listed in our database and growing every day. Don't be fooled by Fake News sources. Use the search feature above (Header) to check the bias of any source. Use name or url.

Select Language

Powered by Google Translate

Donate



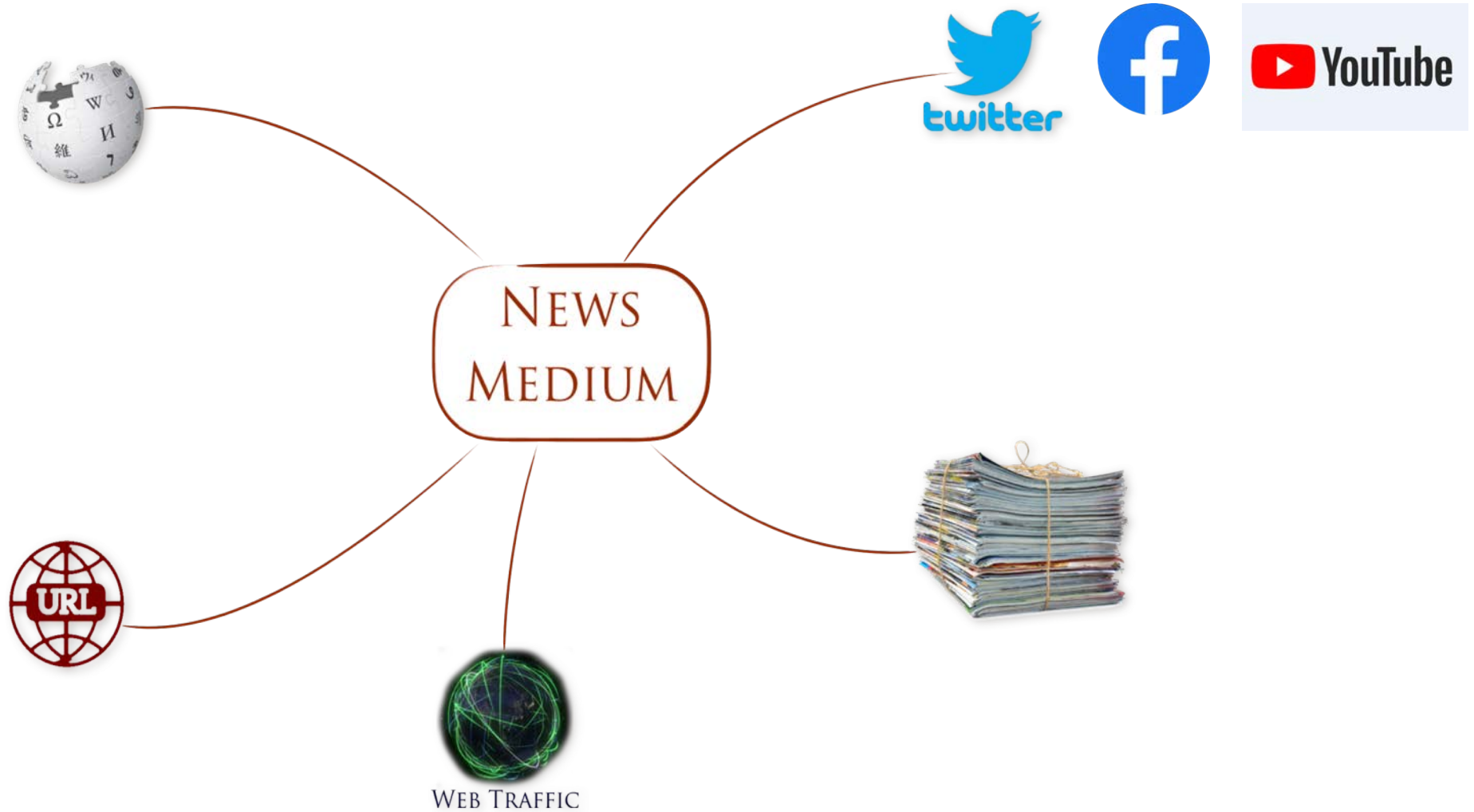
Become our patron
on **patreon**

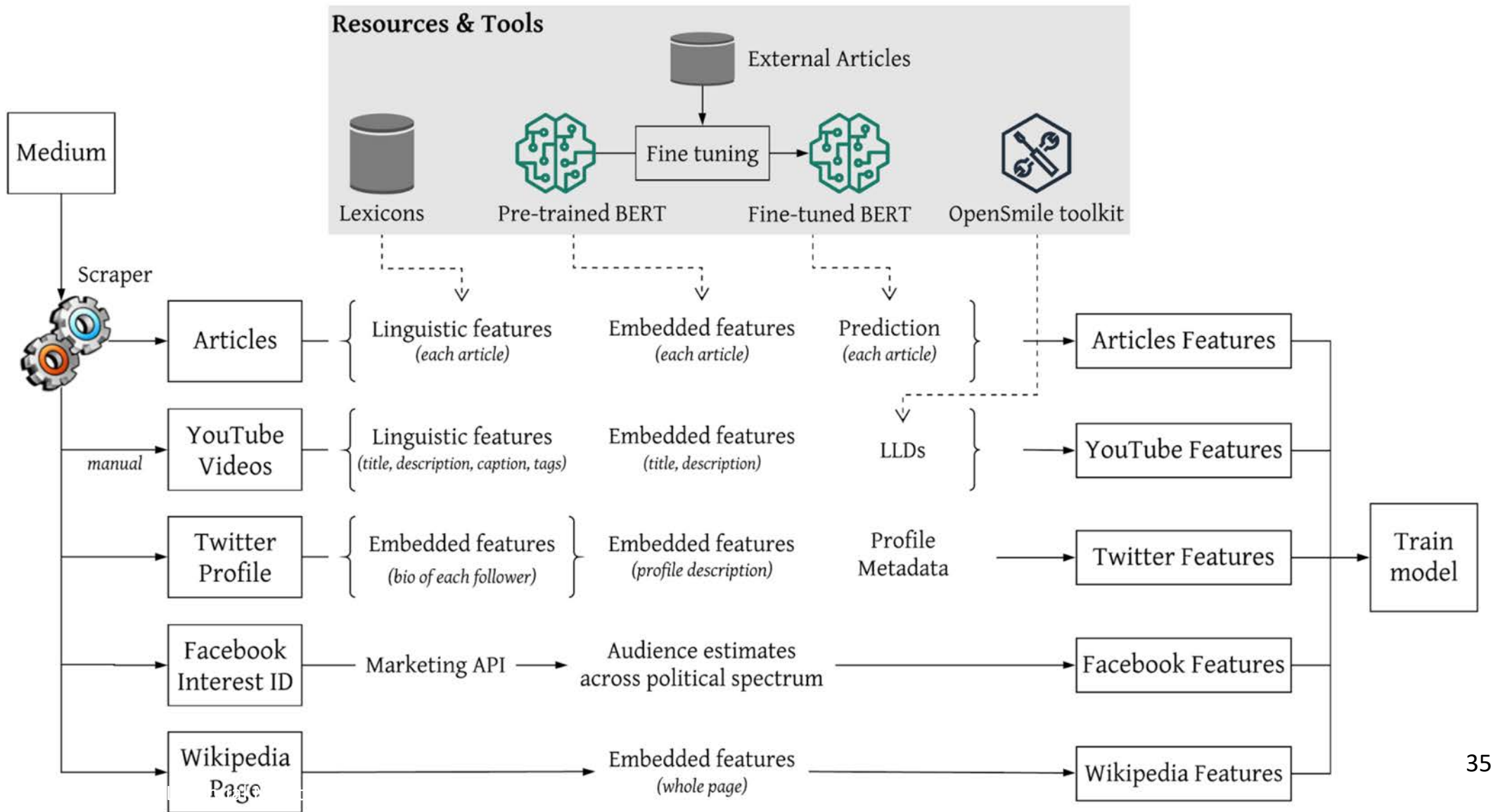
LATEST

Modeling Factuality and Bias

Name	URL	Bias	Factuality
London Web News	<code>londonwebnews.com</code>	Extreme Left	Low
Daily Mirror	<code>www.mirror.co.uk</code>	Left	Mixed
NBC News	<code>www.nbcnews.com</code>	Center-Left	High
Associated Press	<code>apnews.com</code>	Center	Very High
Gulf News	<code>gulfnews.com</code>	Center-Right	High
Russia Insider	<code>russia-insider.com</code>	Right	Mixed
Breitbart	<code>www.breitbart.com</code>	Extreme Right	Low

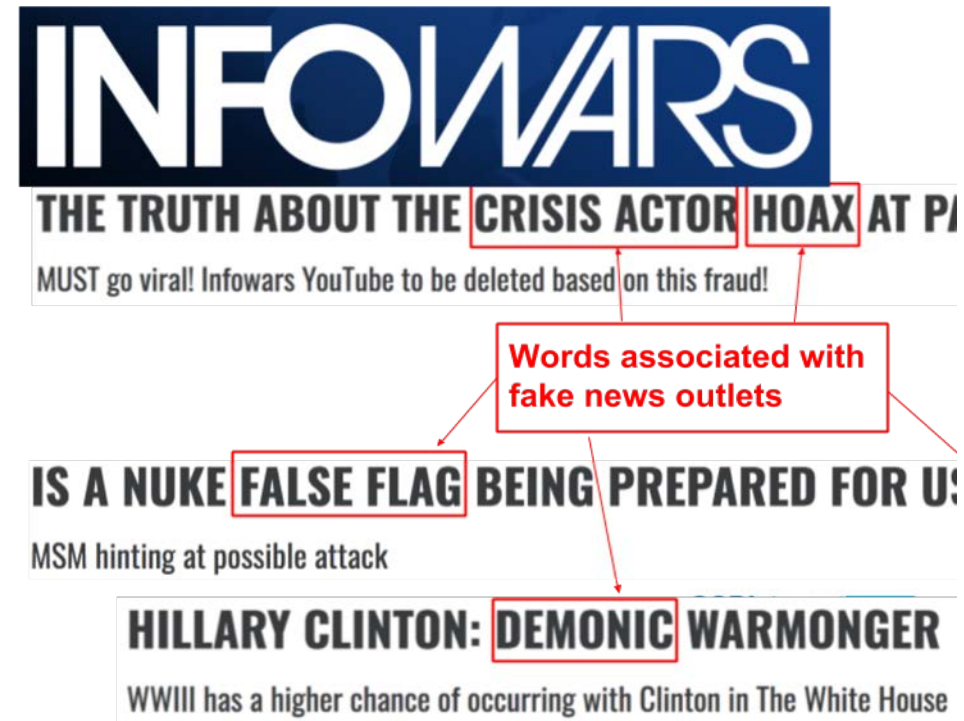
Modeling Factuality and Bias in the News





Article: Title & Body

- Connection between title vs. body
- Linguistic structure: function words, pronouns
- Length & complexity
- Sentiment
- Bias
- Subjectivity
- Topic
- Morality



INFOWARS

THE TRUTH ABOUT THE CRISIS ACTOR HOAX AT PA
MUST go viral! Infowars YouTube to be deleted based on this fraud!

IS A NUKE FALSE FLAG BEING PREPARED FOR US
MSM hinting at possible attack

HILLARY CLINTON: DEMONIC WARMONGER
WWIII has a higher chance of occurring with Clinton in The White House

Words associated with fake news outlets

The image displays three headlines from the website 'Infowars'. The first headline is 'THE TRUTH ABOUT THE CRISIS ACTOR HOAX AT PA' with a sub-headline 'MUST go viral! Infowars YouTube to be deleted based on this fraud!'. The second headline is 'IS A NUKE FALSE FLAG BEING PREPARED FOR US' with a sub-headline 'MSM hinting at possible attack'. The third headline is 'HILLARY CLINTON: DEMONIC WARMONGER' with a sub-headline 'WWIII has a higher chance of occurring with Clinton in The White House'. A red box labeled 'Words associated with fake news outlets' has arrows pointing to the words 'CRISIS ACTOR HOAX', 'FALSE FLAG', and 'DEMONIC WARMONGER' in the headlines.

Wikipedia

- Has Wikipedia page?
- Embedding for the text in
 - Infobox
 - Summary
 - Content
 - Categories
 - Table of Contents

National Review

From Wikipedia, the free encyclopedia

This article is about the American magazine. For other uses, see [National Review \(disambiguation\)](#).

National Review (**NR**) is an American semi-monthly [conservative](#) editorial magazine focusing on news and commentary pieces on political, social, and cultural affairs. The magazine was founded by the author [William F. Buckley Jr.](#) in 1955.^[3] It is currently edited by [Rich Lowry](#).

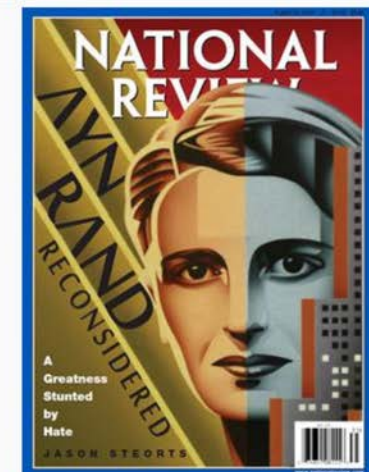
Since its founding, the magazine has played a significant role in the development of [conservatism in the United States](#), helping to define its boundaries^[3] and promoting [fusionism](#) while establishing itself as a leading voice on the [American right](#).^{[3][4][5]}

The online version, **National Review Online**, is edited by [Charles C. W. Cooke](#) and includes free content and articles separate from the print edition.^[6]

Contents [\[hide\]](#)

- History
 - Background
 - Early years
 - Contributors
 - Mission to conservatives
 - Defining the boundaries of conservatism
 - After Goldwater
- Political views and content
 - Donald Trump

National Review



National Review cover for August 30, 2010

Editor [Rich Lowry](#)
Categories [Editorial magazine](#), [conservatism](#)
Frequency [Bi-monthly](#)

Twitter

- **Counts:** friends, statuses, favorites
- **Has Twitter account?**
- **Has location information?**
- **Verified?**
- **Years in existence**
- **Text description**



The screenshot shows the Twitter profile of 'The Angry Patriot' (@loki_jcrusader). The profile picture is a circular image of an eagle with wings spread, set against a background of the American flag. The header shows 645 tweets, 404 following, 333 followers, and 843 likes. A 'Follow' button is visible. The bio reads: 'An Army Combat Vet ('99 to present). NCO. Crusader. Republican. Take back our country. #MAGA America First!'. The location is listed as 'USA' and the account was joined in February 2012. A tweet from Dan Bongino (@dbongino) is featured, dated July 22, with 1.5K replies, 17K retweets, and 44K likes. The tweet text is: 'Dear Media Hacks, Now that the the FISA application has been released, & you've been completely humiliated for promoting the Russian collusion hoax, may I suggest that you all collectively submit letters of resignation? Your reputations are forever tarred. Thanks for considering.' A 'Tweet to The Angry Patriot' button is at the bottom left.

The Angry Patriot
@loki_jcrusader

An Army Combat Vet ('99 to present).
NCO. Crusader. Republican. Take back
our country. #MAGA America First!

USA

Joined February 2012

Tweet to The Angry Patriot

Tweets 645 Following 404 Followers 333 Likes 843 Follow

Tweets Tweets & replies Media

The Angry Patriot Retweeted

Dan Bongino @dbongino · Jul 22

Dear Media Hacks,
Now that the the FISA application has been released, & you've been completely
humiliated for promoting the Russian collusion hoax, may I suggest that you all
collectively submit letters of resignation? Your reputations are forever tarred.
Thanks for considering.

1.5K 17K 44K

The Angry Patriot Retweeted

URL

- **Length**
- **Use of special characters**
 - digits
 - dashes
 - underscores
- **Use of https**
- **Is it hosted on a blog platform?**
- **Can the URL be chopped into meaningful words?**
- **What is the top-level domain?**

<http://www.angrypatriotmovement.com/>

<http://alternativemediasyndicate.com>

<http://100percentfedup.com/>

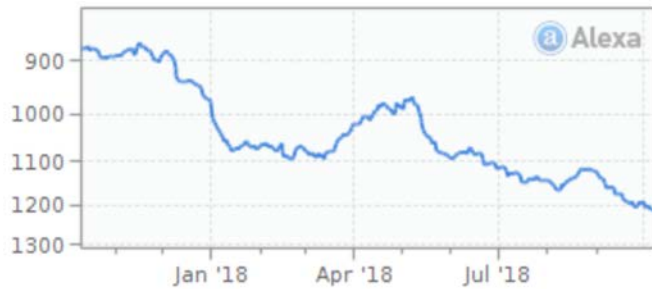
<http://abcnews.com.co>

Web Traffic

How popular is abcnews.go.com?

Alexa Traffic Ranks

How is this site ranked relative to other sites?



Global Rank [?](#)

1,220 ▼ 92

Rank in [United States](#) [?](#)

324

How popular is abcnews.com.co?

Alexa Traffic Ranks

How is this site ranked relative to other sites?



Global Rank [?](#)

2,767,435 ▼ 664,690



Youtube

<https://youtube-politics.herokuapp.com/media/the-patriot-post>

YouTube Politics Media Annotate About

Search...

The Patriot Post



Breitbart's Ben Shapiro Gives CNN's Piers Morgan a Smackdown x

COMPLETE Ben Shapiro CUTS Piers Morgan DOWN

YouTube

Bias distribution



Video stats

Views 2087

Likes 35

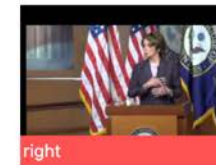
Dislikes 0

Comments 14

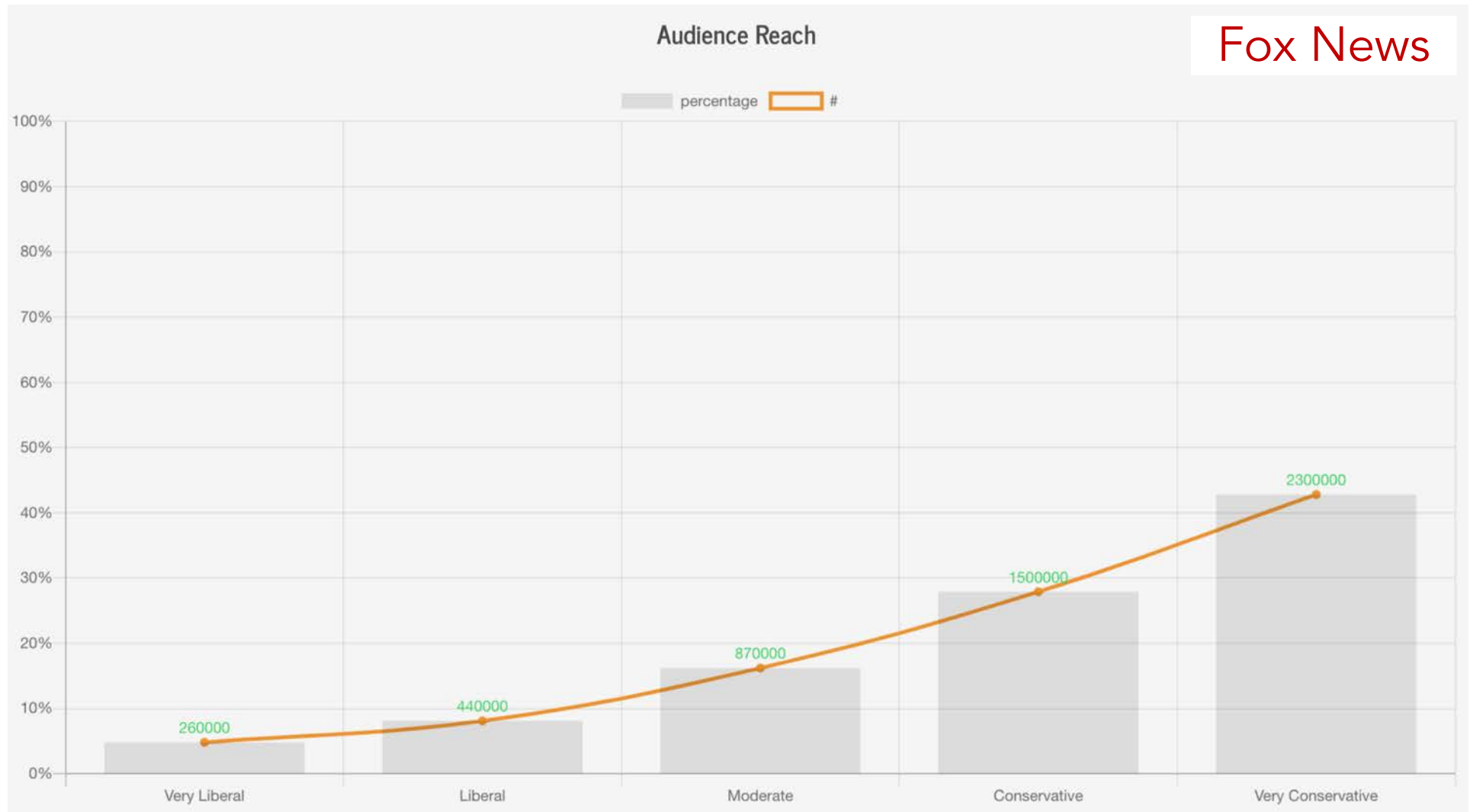
Speech episodes



Analyzed videos



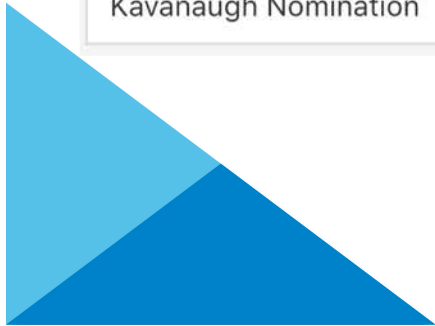
Audience Reach (in Facebook)



Audience Bias (in Twitter)

RT

Twitter User Based Bias Prediction					
	Far Left	Left	Center	Right	Far Right
Gun Control				●	
Police Racism				●	
Ilhan Omar		●			
US Mid-term Elections 2018				●	
Climate Change	●				
Immigration		●			
Kavanaugh Nomination					●

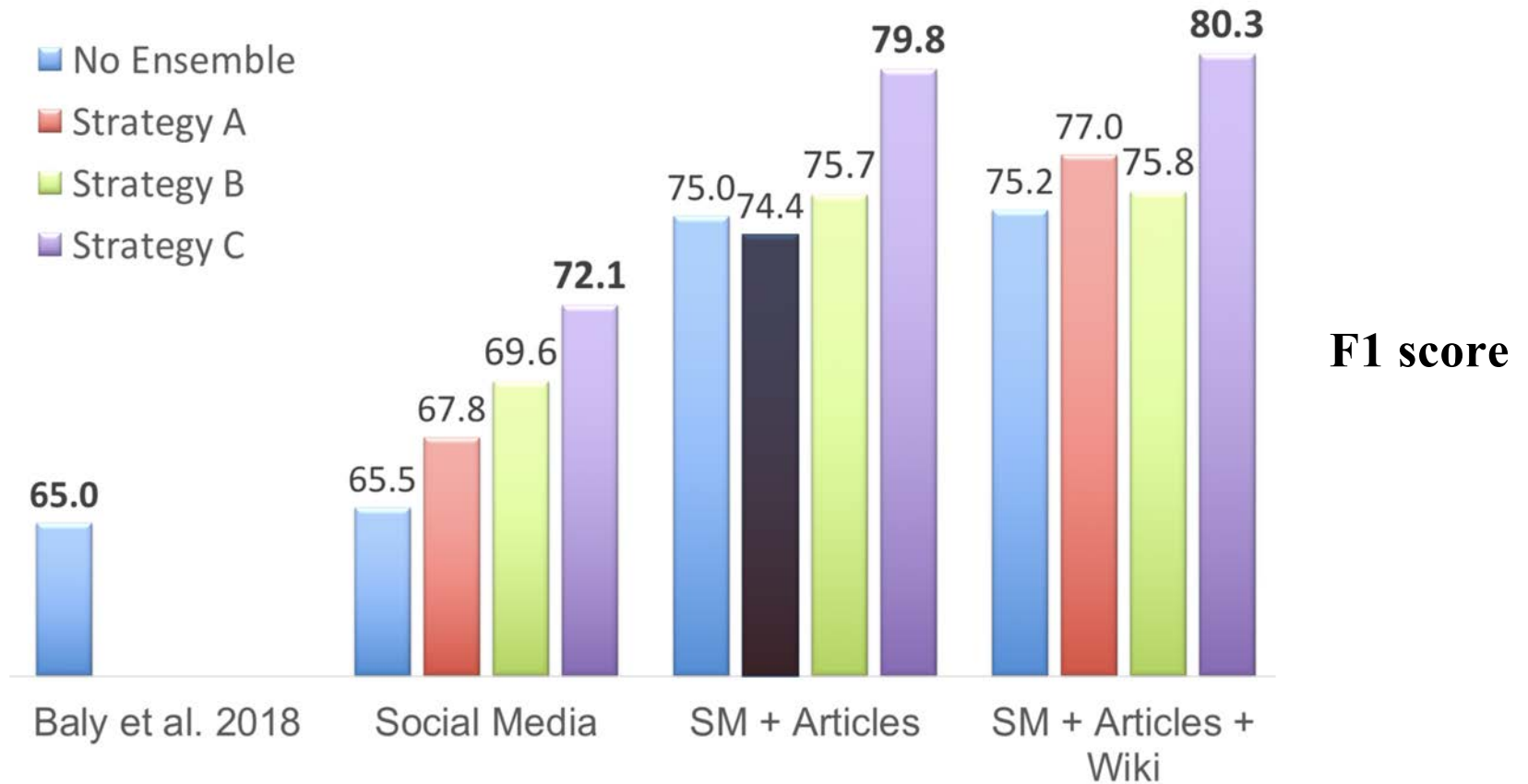


Results

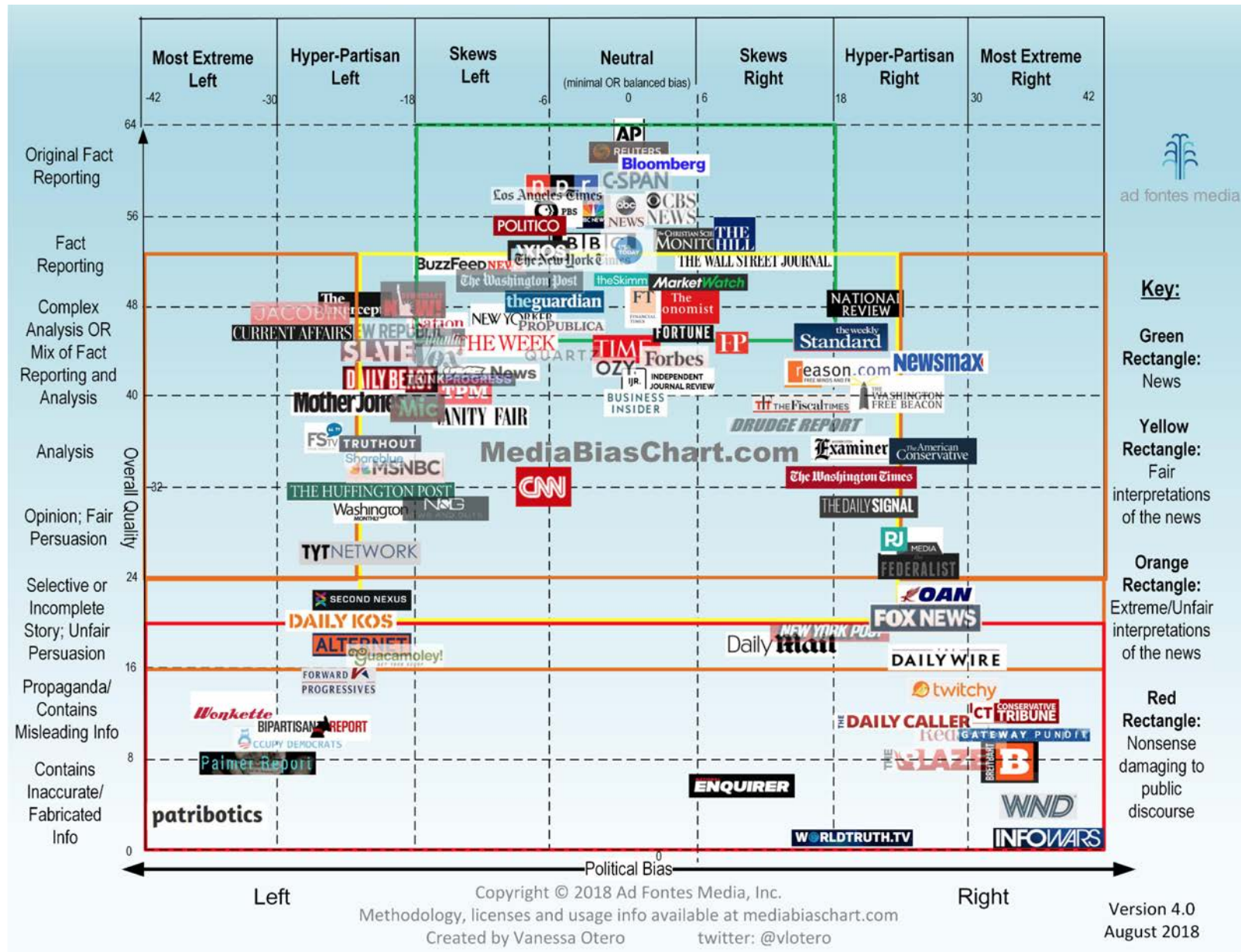
			F1 score	
	Features	Dim.	Bias	Factuality
1	Majority class baseline	–	24.5	21.0
2	(Baly et al. 2018)	764	65.0	62.2
3	Articles (NELA)	141	63.3	56.6
4	Articles (BERT)	768	72.7	63.5
5	Articles (Agg. Predictions)	3	34.3	53.9
6	Articles (NELA + BERT + Agg. Predictions)	912	75.7	79.8
7	Wikipedia (BERT)	768	60.7	49.6
8	Twitter (Media Profiles)	779	51.6	48.2
9	Twitter (Followers)	768	70.6	55.5
11	YouTube (Metadata + Text + Acoustics).	2,186	43.1	34.3
12	Facebook (Audience ideology)	6	22.9	23.9
13	All Social Media (lines 8–12)	3,739	65.5	56.5
14	All sources (lines 6–12)	5,419	75.2	77.6

(older work) Ramy Baly, Georgi Karadzhov, Dimitar Alexandrov, James R. Glass, Preslav Nakov:
Predicting Factuality of Reporting and Bias of News Media Sources. EMNLP 2018

Media Bias: *left-center-right*

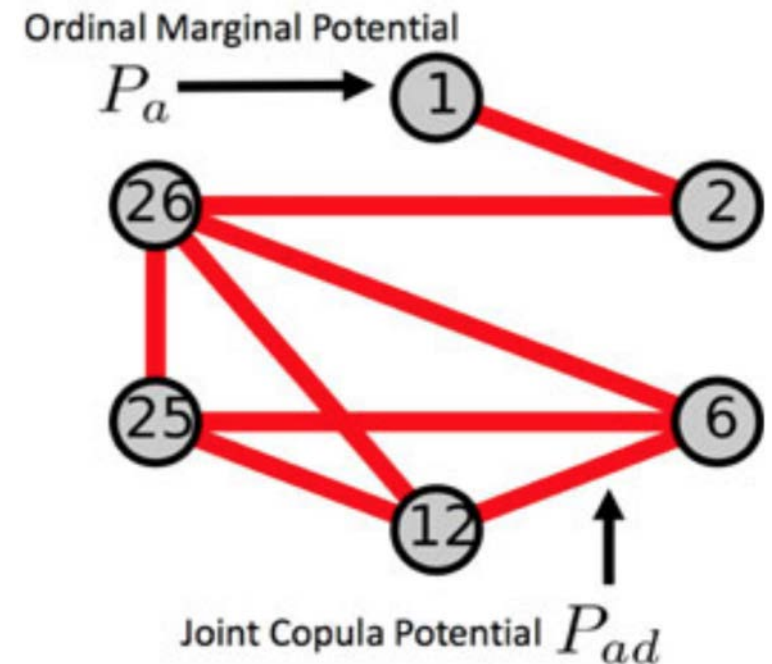


(older work) Ramy Baly, Georgi Karadzhov, Dimitar Alexandrov, James R. Glass, Preslav Nakov: *Predicting Factuality of Reporting and Bias of News Media Sources*. EMNLP 2018



Multitask Ordinal Regression for Factuality & Bias

- **Ordinal regression**
- **Learn jointly**
 - Factuality
 - Left-center-right bias
 - 7-point
 - 5-point
 - 3-point
 - Centrality
 - Hyper-partisanship

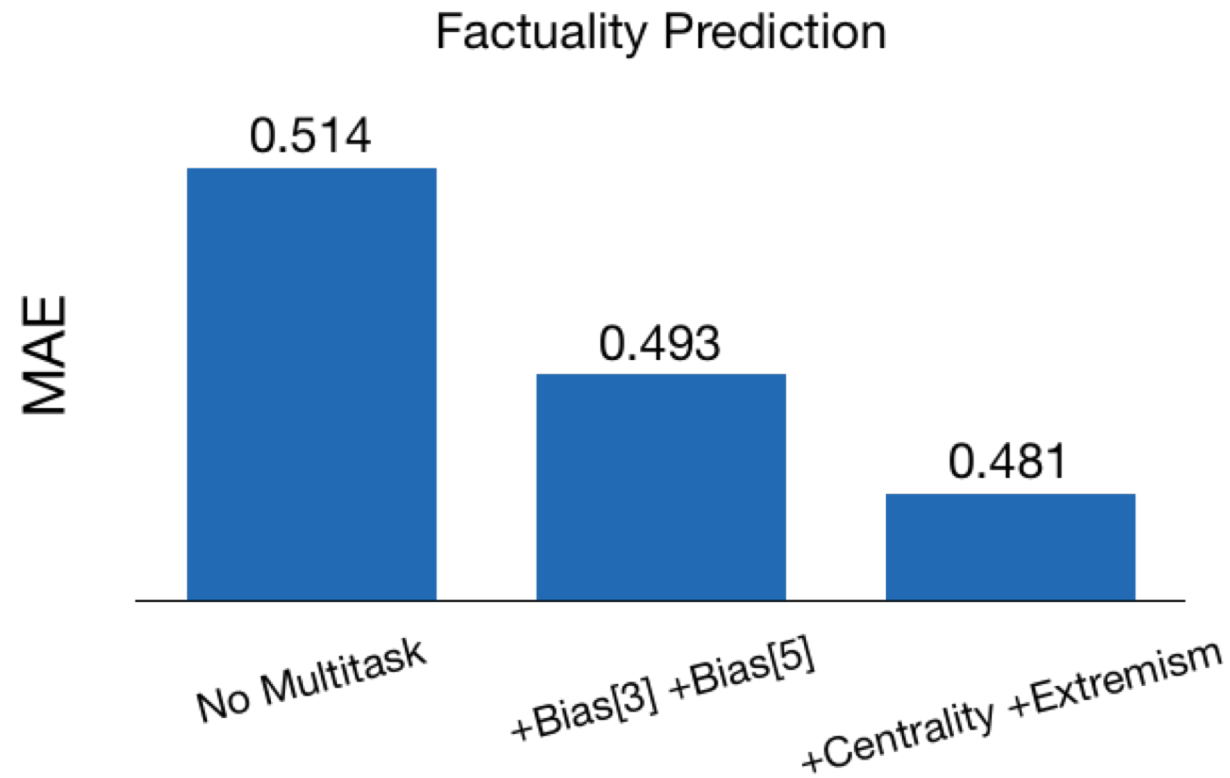


Ramy Baly, Georgi Karadzhov, Abdelrhman Saleh, James R. Glass, Preslav Nakov:

Multi-Task Ordinal Regression for Jointly Predicting the Trustworthiness and the Leading Political Ideology of News Media.
NAACL-HLT 2019



Multitask Ordinal Regression for Factuality



Ramy Baly, Georgi Karadzhov, Abdelrhman Saleh, James R. Glass, Preslav Nakov:

Multi-Task Ordinal Regression for Jointly Predicting the Trustworthiness and the Leading Political Ideology of News Media.
NAACL-HLT 2019



Propaganda



Propaganda

- “Expression **deliberately** designed to **influence** the opinions/actions of other individuals or groups with reference to predetermined ends.”

Institute for Propaganda Analysis



Proppy

<http://proppy.qcri.org>

PROPPY
The propaganda analyzer

List of the last 24 hours' events:

- Malaysian ex-PM Najib hit with 25 new charges over 1MDB scandal
- Air pressure error causes mass bleeding on India flight
- North Dakota man rescues animals from Hurricane Florence
- Japan eager to get in on rise of 'flying cars'
- Abbas to hold meeting with ministers, diplomats in New York
- Trump blames OPEC for rising oil prices, says U.S. 'will remember'
- New James Bond movie to be directed by Cary Joji Fukunaga

0.0 0.2 0.4 0.6 0.8 1.0
estimated amount of propagandistic content

Malaysian ex-PM Najib hit with 25 new charges over 1MDB scandal
Kuala Lumpur, Kuala Lumpur, Malaysia --2018-09-20

Malaysia's former Prime Minister Najib Razak has been hit with 25 new corruption charges linked to the 1MDB scandal. The new charges include four counts of abuse of power and 21 counts of money laundering over hundreds of millions of dollars of fund..

Source:www.aljazeera.com

Najib faces 25 charges linked to \$681m in 1MDB case | Bangkok Post: news
British Virgin Islands --2018-09-13

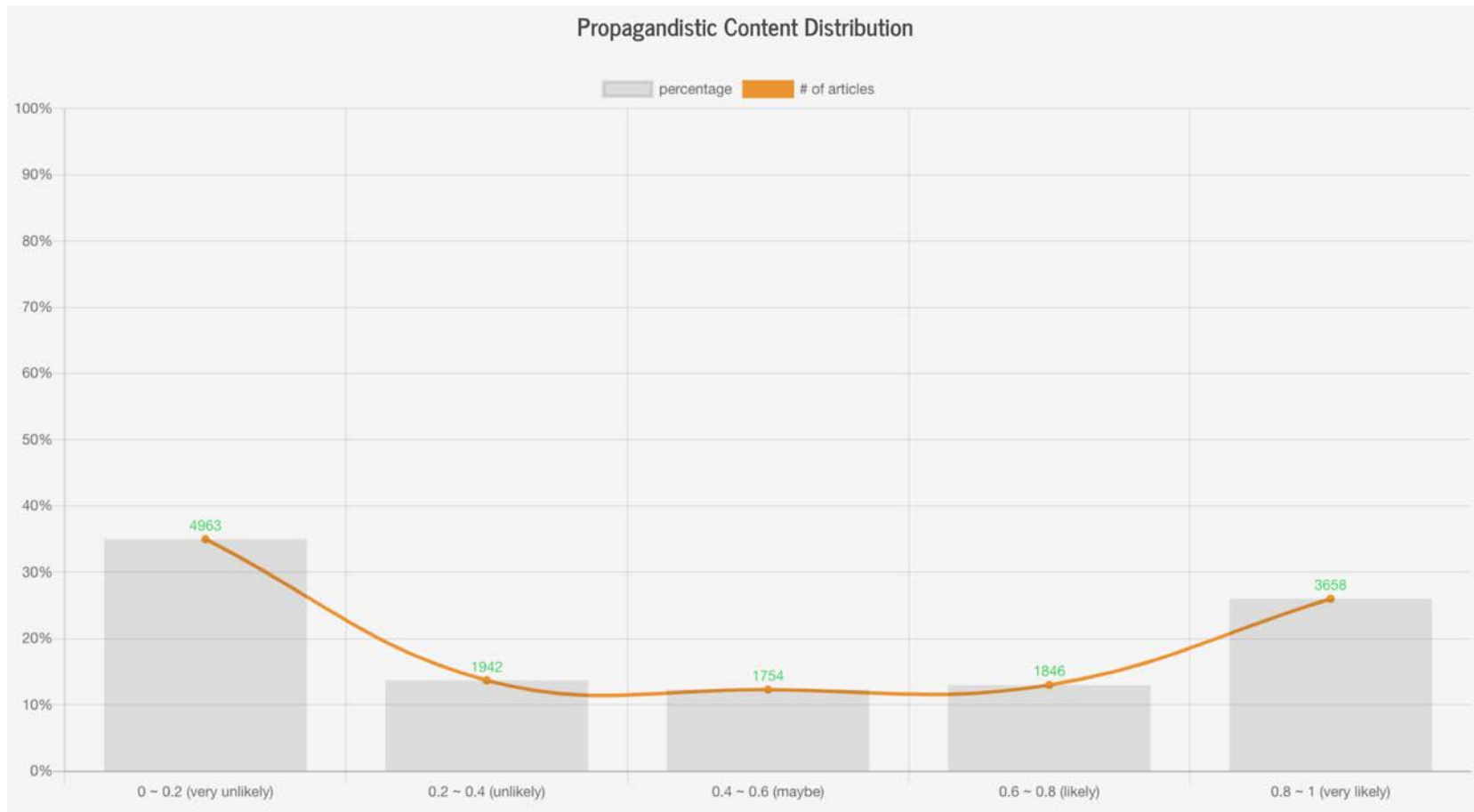
Former Malaysian prime minister Najib Razak (centre) arrives at the High Court in Kuala Lumpur on Thursday. (EPA-EFE photo) KUALA LUMPUR: Former Malaysian premier Najib Razak seeks trial for charges linked to \$681 million that appeared in his persona..

Source:www.bangkokpost.com

Alberto Barrón-Cedeño, Giovanni Da San Martino, Israa Jaradat, Preslav Nakov:
Proppy: A System to Unmask Propaganda in Online News. AAI 2019: 9847-9848




<http://www.tanbih.org>



Yifan Zhang, Giovanni Da San Martino, Alberto Barrón-Cedeño, Salvatore Romeo, Jisun An, Haewoon Kwak, Todor Staykovski, Israa Jaradat, Georgi Karadzhov, Ramy Baly, Kareem Darwish, James Glass, Preslav Nakov. *Tanbih: Get To Know What You Are Reading*. EMNLP 2019

<http://www.tanbih.org>

3 days ago



CRIME

Propaganda? likely

Mail Online

Ex-CIA agent convicted in Italy for her role in the abduction of a Muslim cleric flees to the US

< >

MILITARY

1 of 2

3 days ago



LIFE

The Guardian

Sparks fly after roadworks leave power pole in middle of Newcastle street

< >

AUSTRALIA NEWS OCT

2 of 2

Yifan Zhang, Giovanni Da San Martino, Alberto Barrón-Cedeño, Salvatore Romeo, Jisun An, Haewoon Kwak, Todor Staykovski, Israa Jaradat, Georgi Karadzhov, Ramy Baly, Kareem Darwish, James Glass, Preslav Nakov. *Tanbih: Get To Know What You Are Reading*. EMNLP 2019

Propaganda Techniques



Name Calling



Band Wagon

reductio ad Hitlerum
flag-waving
minimisation
exaggeration
intentional vagueness
black-and-white fallacy
appeal to prejudice
whataboutism
bandwagon
red herring
straw men
cognitive dissonance
thought-terminating cliches
labeling
causal oversimplification
appeal to authority
name calling
obfuscation
loaded language

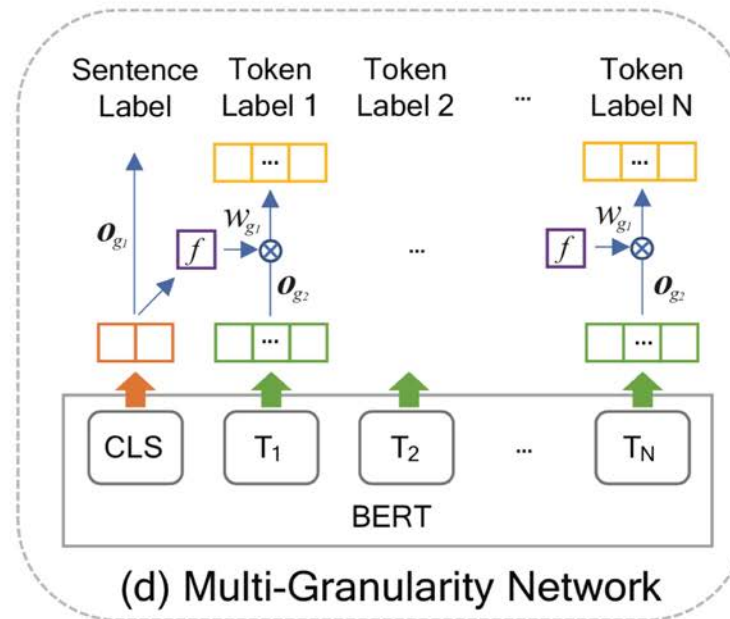
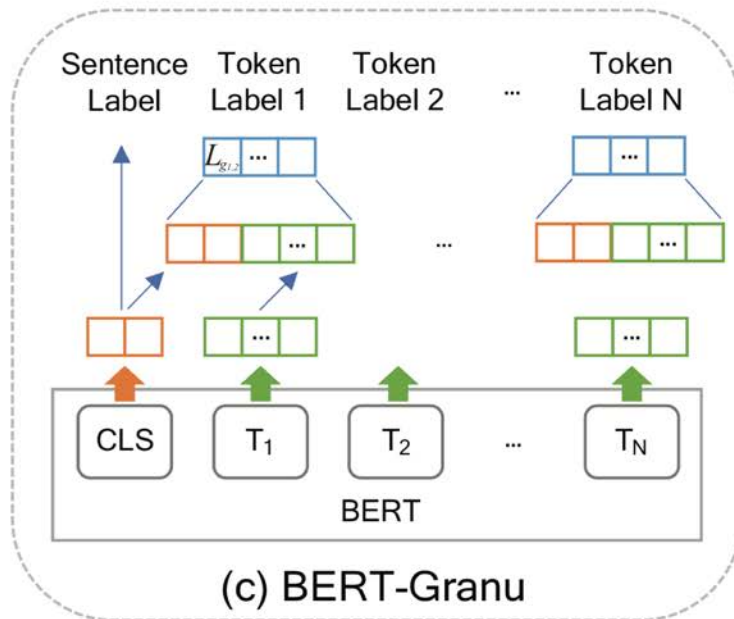
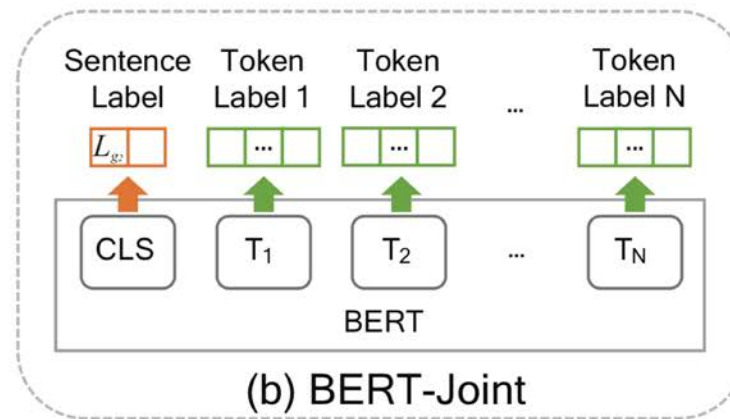
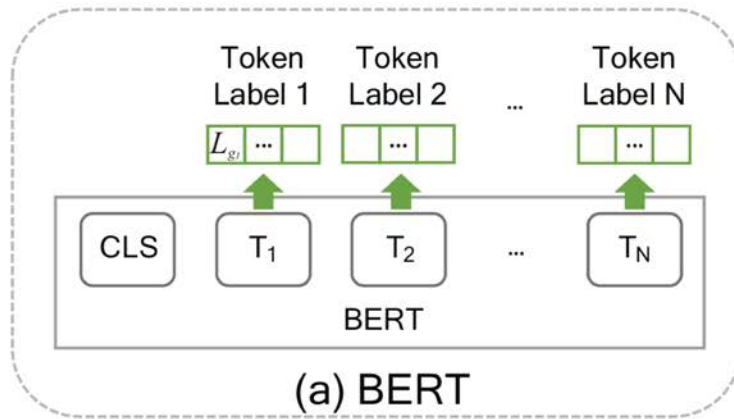
Fine-Grained Propaganda Detection

1	Manchin says Democrats acted like <u>babies</u> at the SOTU	Stereotyping_name_calling_or_labeling
2	Democrat West Virginia Sen. Joe Manchin says his colleagues' refusal to stand or applaud during President Donald Trump's State of the Union speech was disrespectful and a signal that <u>the party is more concerned with obstruction than it is with progress.</u>	Black-and-white_Fallacy
4	In a glaring sign of just how stupid and petty things have become in Washington these days, Manchin was invited on Fox News Tuesday morning to discuss how he was one of the only Democrats in the chamber for the State of the Union speech <u>not looking as though Trump killed his grandma.</u>	Loaded_language Exaggeration Loaded_language
6	As Manchin noted, many Democrats bolted as soon as Trump's speech ended in an apparent effort to signal <u>they can't even stomach being in the same room as the president</u>	Exaggeration

New Dataset

- 18 techniques
- 350k words
- 400 man hours
- 7.3k instances

Giovanni Da San Martino, Seunghak Yu, Alberto Barrón-Cedeño, Rostislav Petrov, Preslav Nakov
Fine-Grained Analysis of Propaganda in News Articles. EMNLP 2019



Giovanni Da San Martino, Seunghak Yu, Alberto Barrón-Cedeño, Rostislav Petrov, Preslav Nakov
Fine-Grained Analysis of Propaganda in News Articles. EMNLP 2019

Results: Fragment-Level

Model	Spans			Full Task		
	P	R	F ₁	P	R	F ₁
BERT	39.57	36.42	37.90	21.48	21.39	21.39
Joint	39.26	35.48	37.25	20.11	19.74	19.92
Granu	43.08	33.98	37.93	23.85	20.14	21.80
Multi-Granularity						
ReLU	43.29	34.74	38.28	23.98	20.33	21.82
Sigmoid	44.12	35.01	38.98	24.42	21.05	22.58

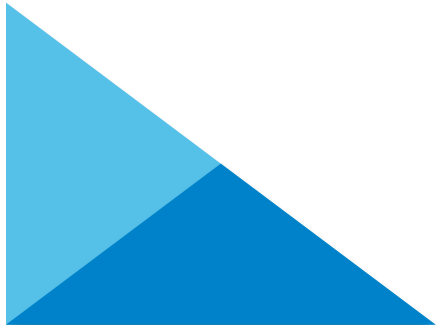
Results: Sentence-Level

Model	Precision	Recall	F1
All-Propaganda	23.92	1.00	38.61
BERT	63.20	53.16	57.74
BERT-Granu	62.80	55.24	58.76
BERT-Joint	62.84	55.46	58.91
MGN Sigmoid	62.27	59.56	60.71
MGN ReLU	60.41	61.58	60.98

Shared Tasks



AI for Regulatory Practice: Application to Media





tmforum

Media-Telecom Catalyst Programme

3

AI Indexing for Regulatory Compliance

A collaboration between Al Jazeera, RTÉ, Associated Press, V-Nova, TechMahindra, Metaliquid and QCRI (Qatar Computing Research Institute, HBKU) using highly efficient AI visual analysis to rapidly identify, index, and measure political balance and enhance accuracy of on-air content, supporting broadcasters and content owners regarding their regulatory measurement and compliance processes.





AP



Mahindra

Browser tabs: Google Search, Meeting with... | 11:23:14 AM 12/08/2017 analysis_tool | Open Governor isn't covered by...

Not secure | 712235182.12/0000/analysis_tool

Metadata Contextual Metadata Regulatory Compliance Report

Sentiments

■ Neutral
■ Positive
■ Negative

Bias

Claims Worth

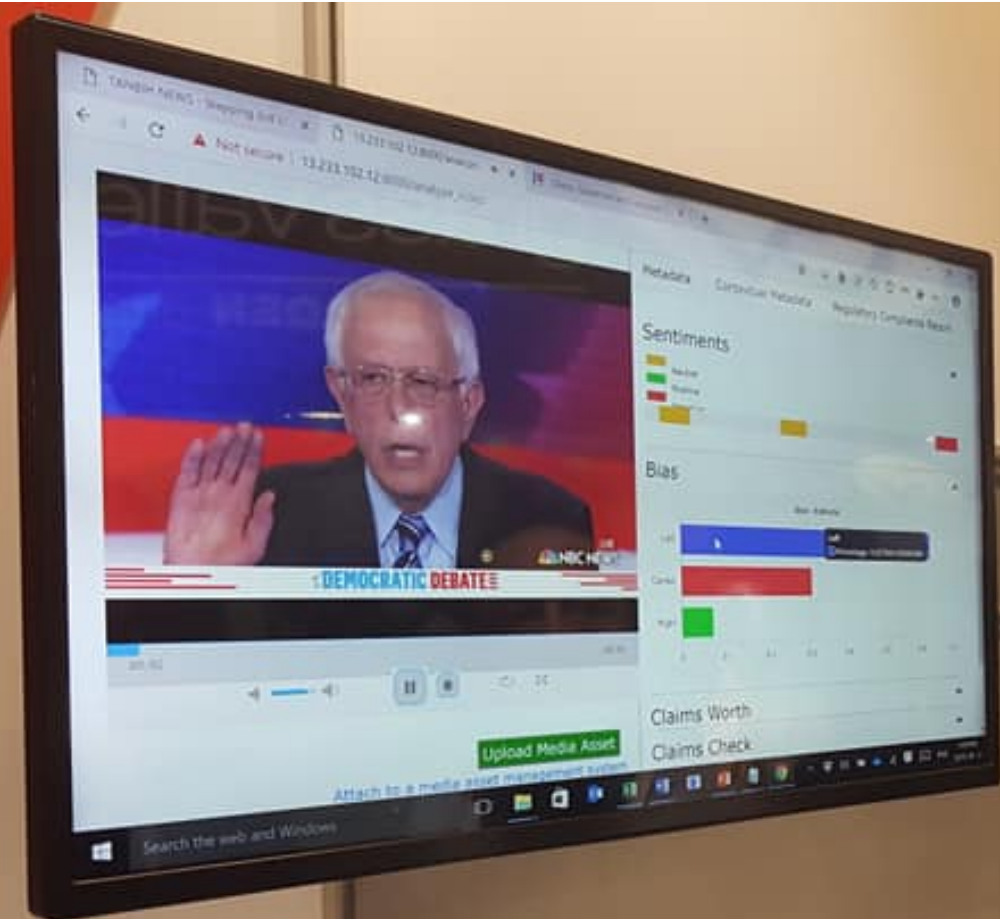
Claims Check

> "The Obama administration was begging for a meeting" with Kim Jong Un. ❌
 > "The governor having a meeting isn't covered by the open meetings act." ✅

[Upload Media Asset](#)
 Attach to a media asset management system

Search for web and Bluetooth









Info

Tags

🔍 Search

default ^

- POST /article/propaganda
- GET /article/propaganda
- POST /article/propaganda/sentenc
- GET /article/propaganda/sentenc
- POST /article/bias
- GET /article/bias
- POST /article/checkworthiness
- GET /article/checkworthiness
- POST /claim/check
- GET /claim/check

Aa ☀

SAVE



Read Only

```

1 # Example YAML to get you started quickly.
2 # Be aware that YAML has indentation based copying.
3 # Code completion support is available so start typing for
  available options.
4 swagger: '2.0'
5
6 # This is your document metadata
7 info:
8   version: "0.6.0"
9   title: Tanbih API
10  description: |
11    Tanbih API allows user to estimate propaganda score on
12    both article level
13    and sentences level and to predict bias on given piece
14    of text. With current
15    version, the article level propaganda estimation is
16    implemented.
17    Requests for estimation is done in a asynchronical way.
18    Client will POST
19    a request for estimation, when successful, get a key in
20    return; then client
21    will use this key in query parameter to pull the
22    estimation result from
    server.
19 host: webapi.tanbih.org
20
21 schemes:
22   - http
    
```

Last Saved: 4:36:57 pm - Sep 9, 2019

✓ VALID ▾

Tanbih API

0.6.0

[Base URL: webapi.tanbih.org]

Tanbih API allows user to estimate propaganda score on both article level and sentences level and to predict bias on given piece of text. With current version, the article level propaganda estimation is implemented. Requests for estimation is done in a asynchronical way. Client will POST a request for estimation, when successful, get a key in return; then client will use this key in query parameter to pull the estimation result from server.

Schemes

HTTP ▾

default ▾

- POST /article/propaganda ↕
- GET /article/propaganda ↕

en) to join them to cal market had not been globally certified and reason

office

QCRI team honoured for innovation at tech expo

TRIBUNE NEWS NETWORK
DOHA



A team of scientists from Qatar Computing Research Institute (QCRI) at Hamad Bin Khalifa University have received recognition for their contribution to a media-telecom catalyst project on AI indexing for regulatory compliance that uses artificial intelligence to identify, index and measure political balance.

The project aims to detect false claims and to enhance the accuracy of video content.

Developed in partnership with Al Jazeera, Associated Press, RTE Ireland, Tech Mahindra, V-Nova and Metaliquid, the project seeks to support broadcasters and content owners with their regulatory measures and compliance processes.

QCRI worked on the com-



A team of scientists from Qatar Computing in Amsterdam.

pliance use of the project, developing the fact checking, news coverage, political bias detection and graphic content detection mechanism.

The team of QCRI scientists was honoured with an award at IBC2019, a leading media, entertainment and technology

conference held in Amsterdam in September.

The global gathering saw more than 50,000 industry experts and researchers from 150 countries come together to showcase their latest innovations and participate in a number of topical discussions.



<http://www.qatar-tribune.com/news-details/id/173546/qcri-team-honoured-for-innovation-at-tech-expo>

Demo

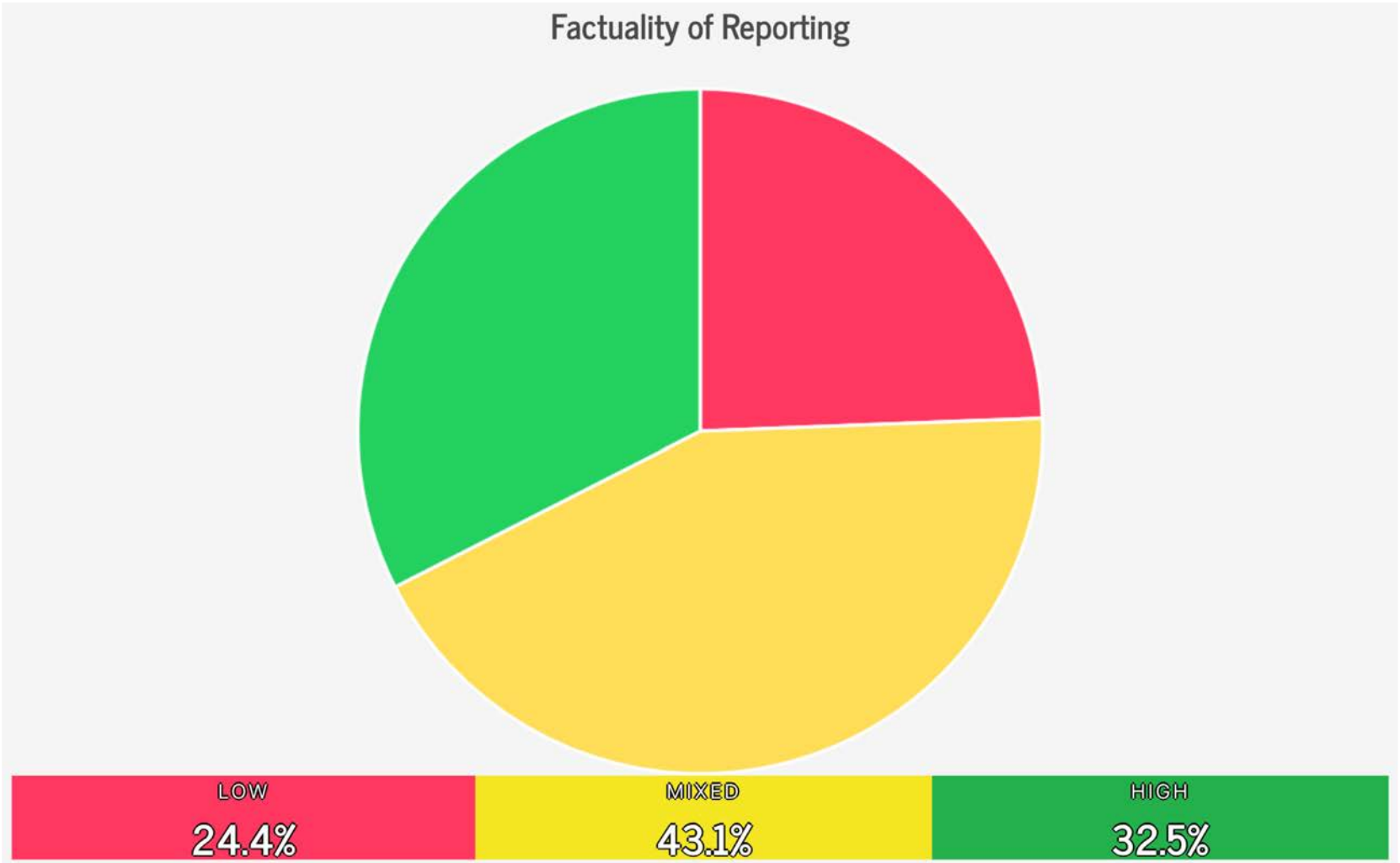
Try Tanbih: <http://www.tanbih.org>





<http://www.tanbih.org>

Factuality of Reporting



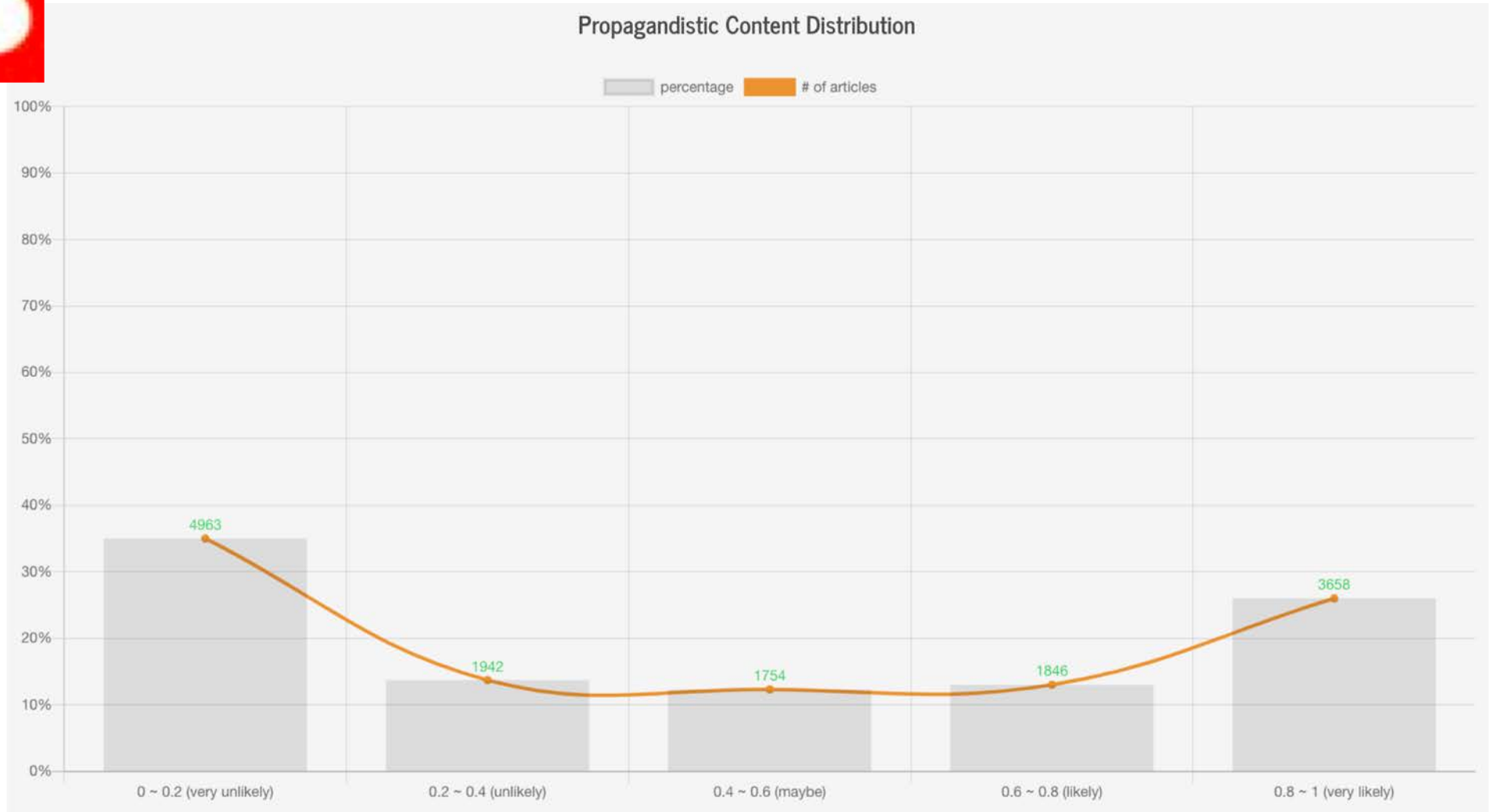


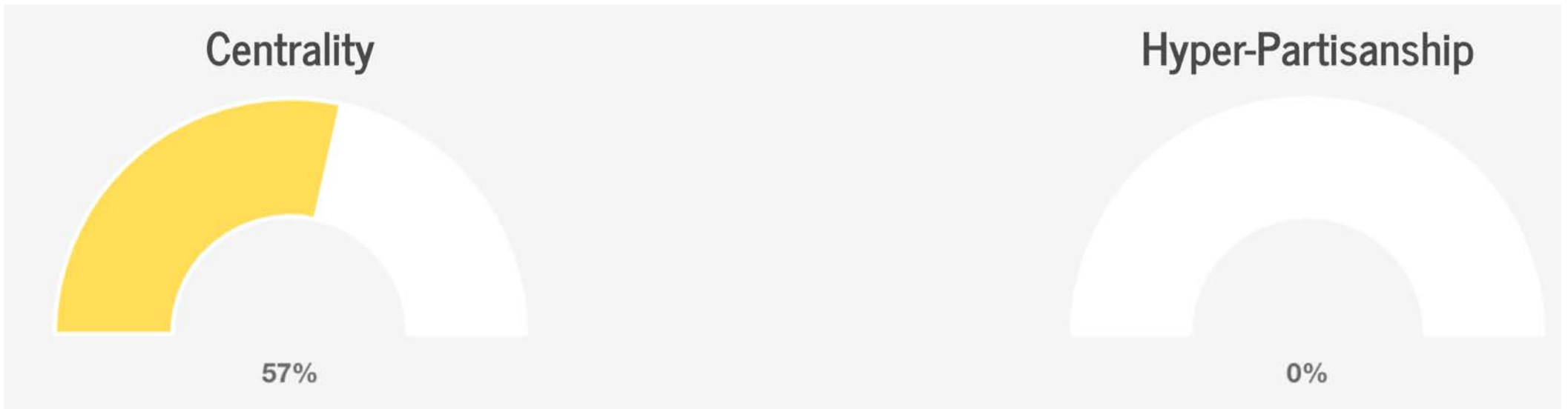
<http://www.tanbih.org>

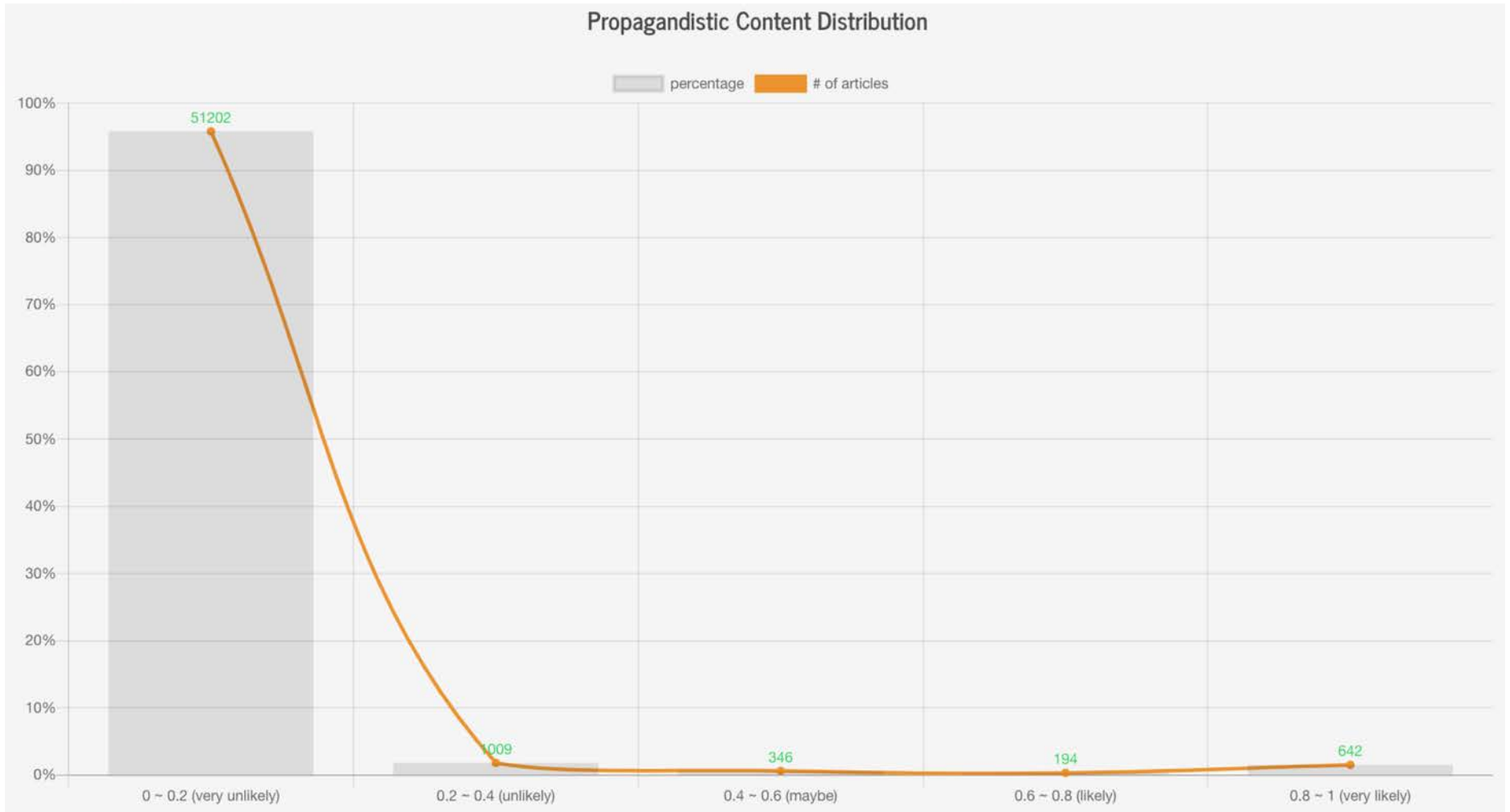
Twitter User Based Bias Prediction					
	Far Left	Left	Center	Right	Far Right
Climate Change	●				
Gun Control				●	
Ilhan Omar		●			
Immigration		●			
US Mid-term Elections 2018				●	
Police Racism				●	
Kavanaugh Nomination					●



<http://www.tanbih.org>



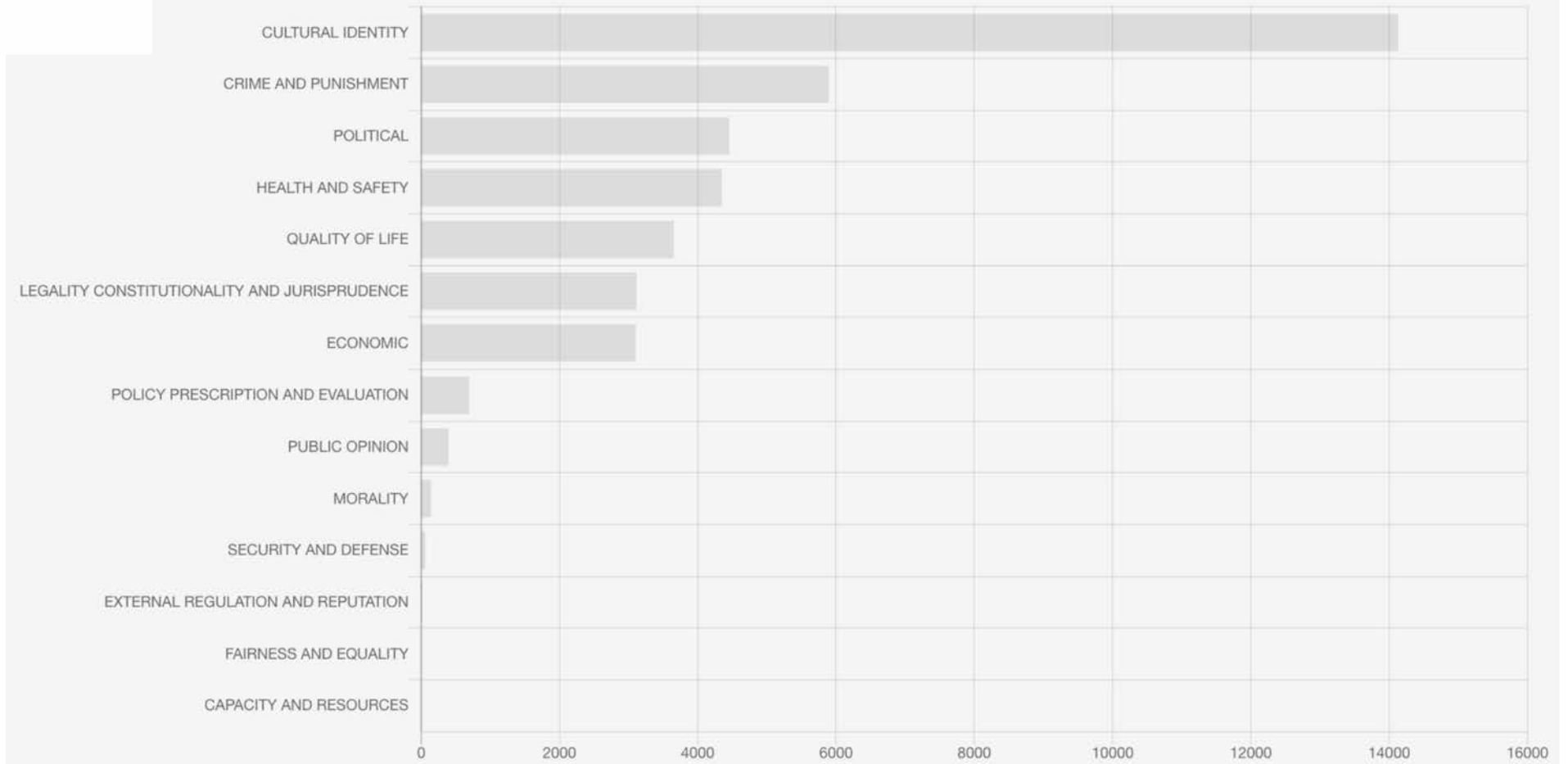




<http://www.tanbih.org>



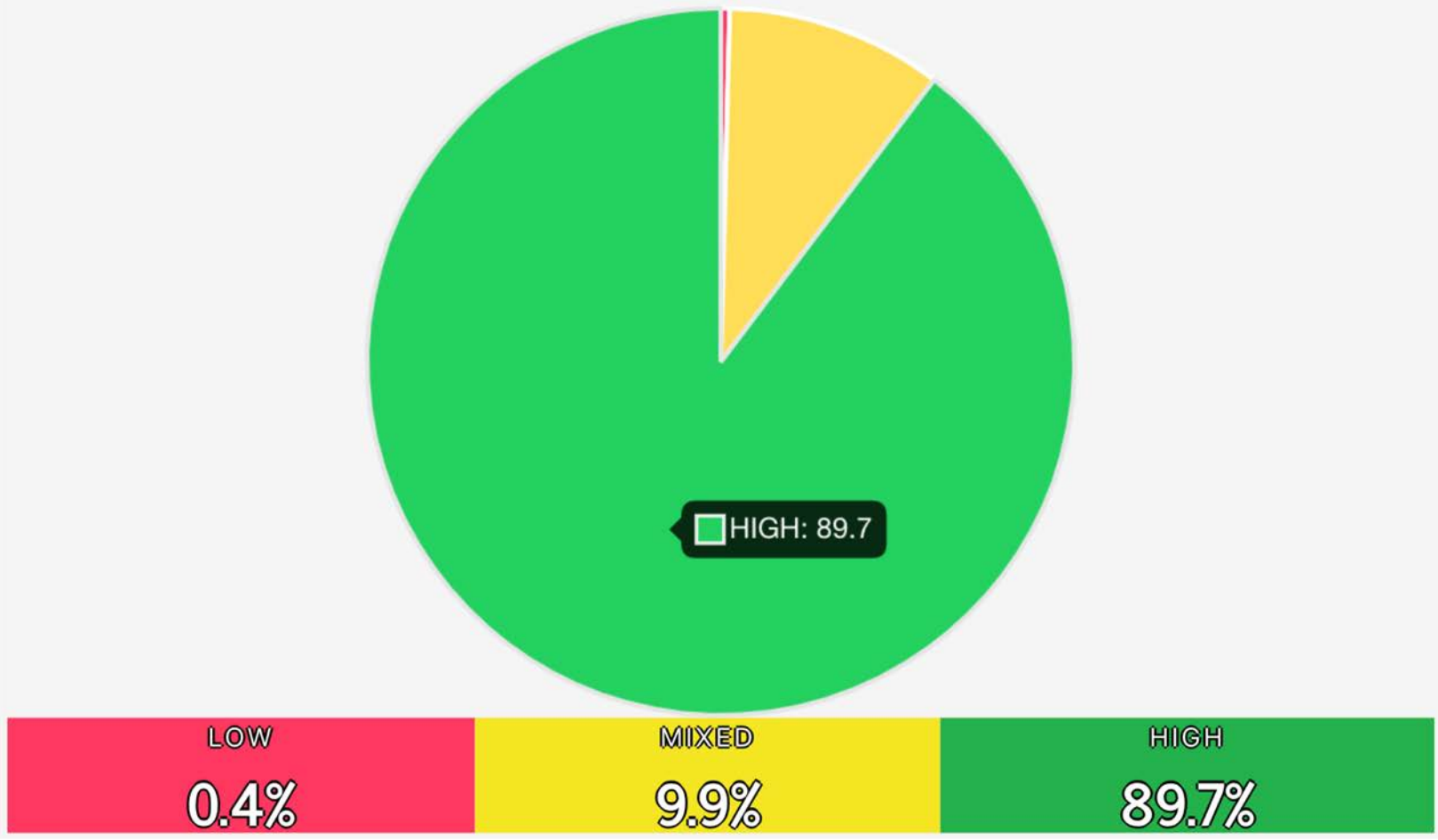
Distribution of General Frame of Reporting

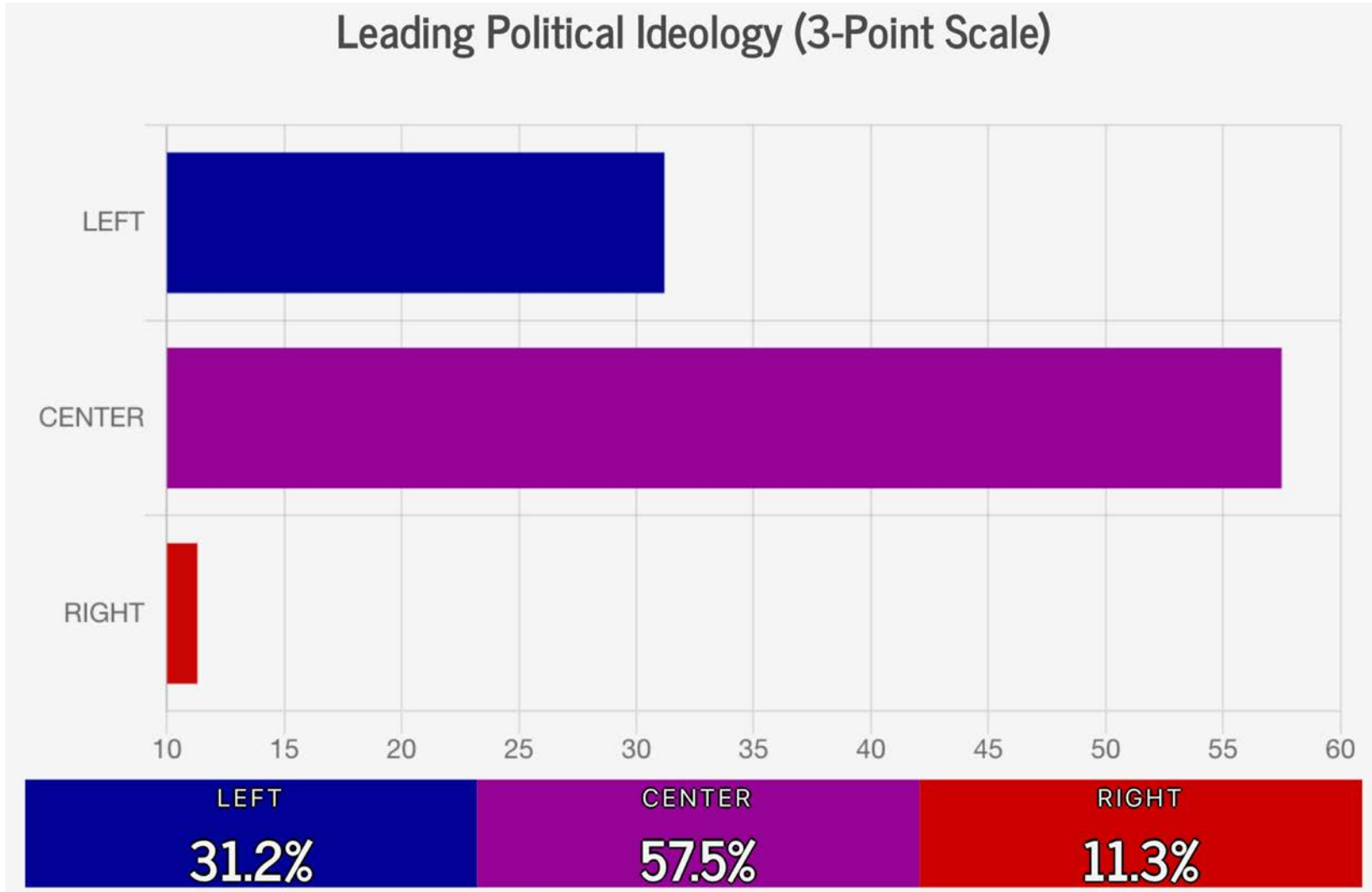


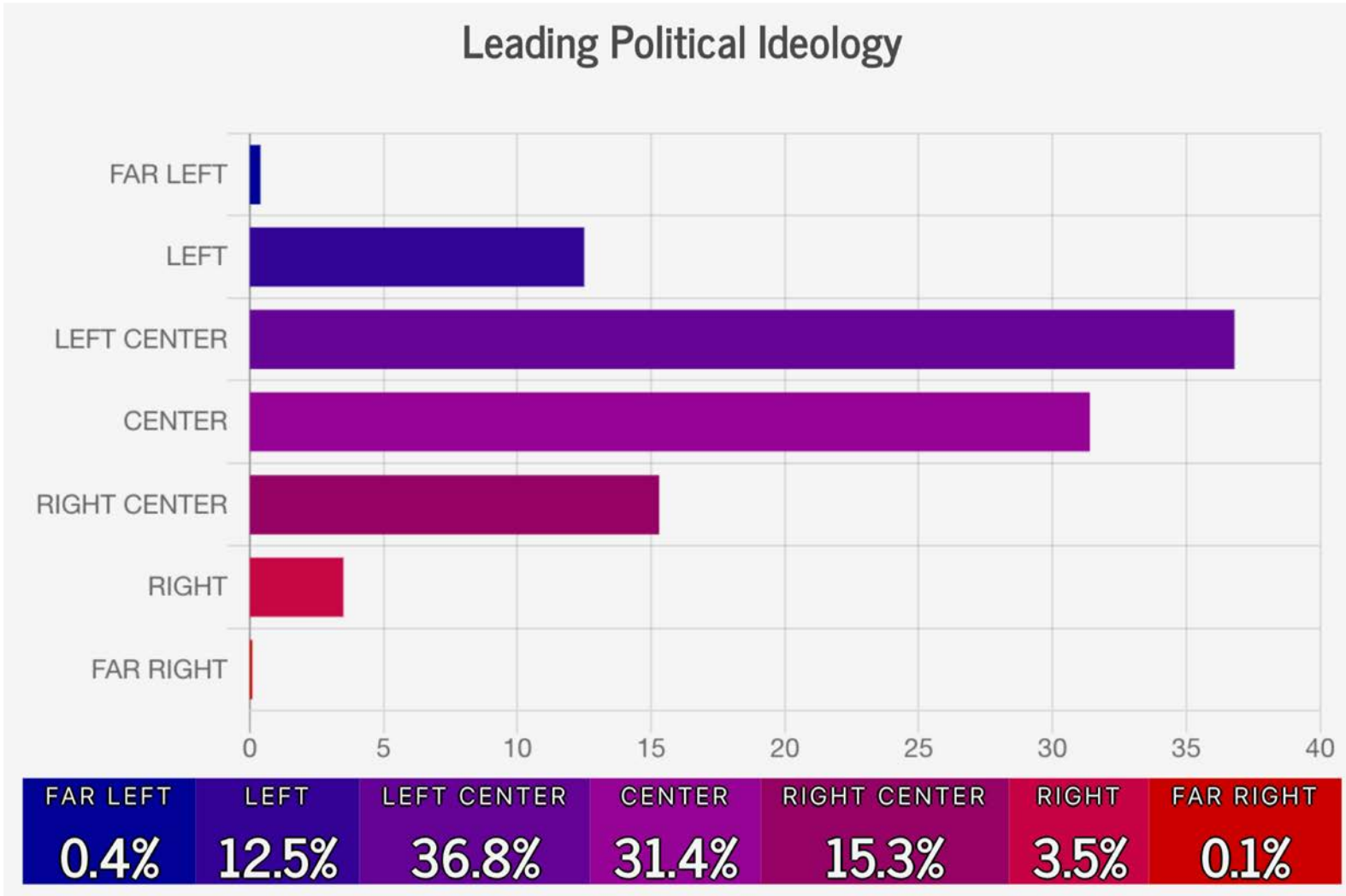
<http://www.tanbih.org>

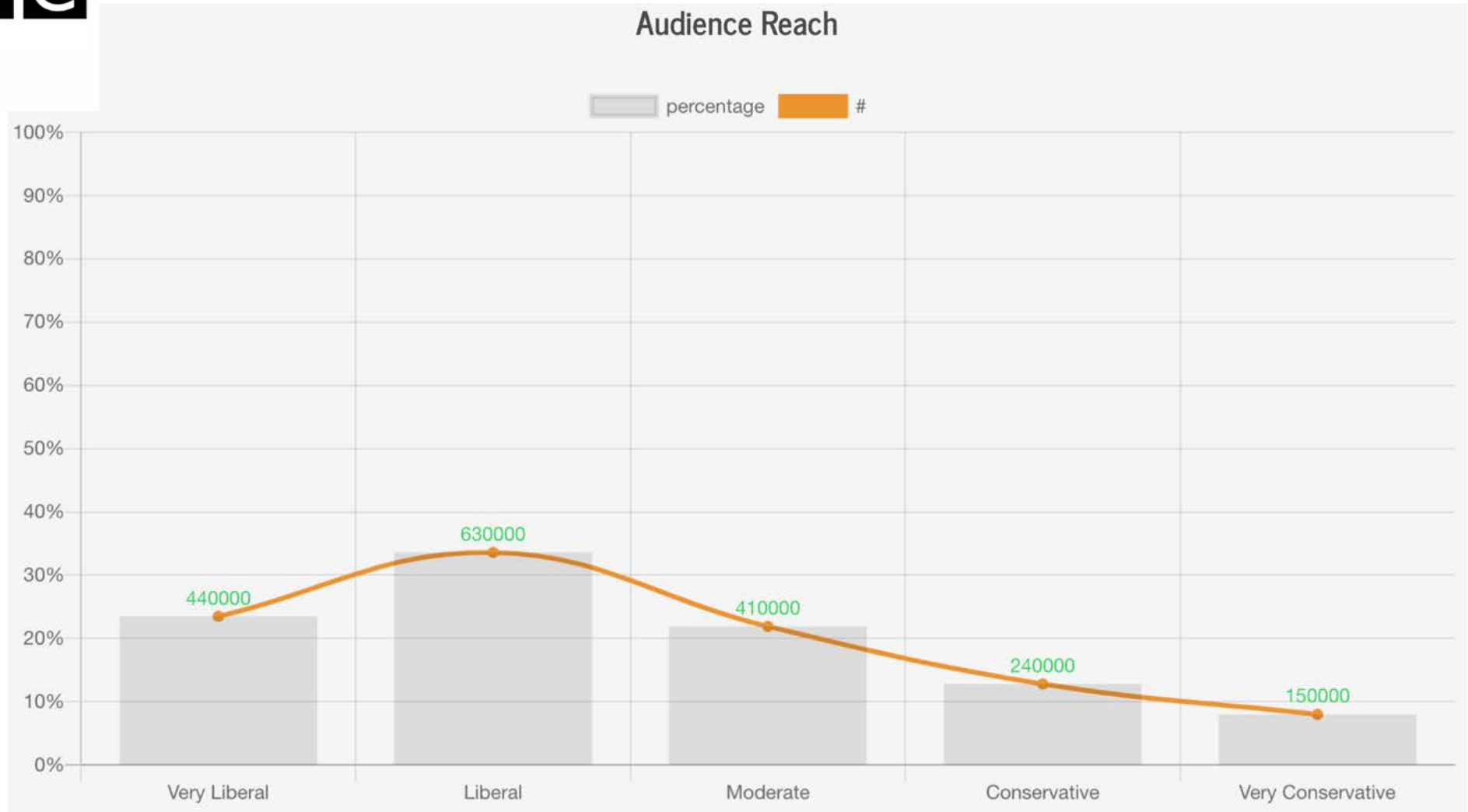
B B C

Factuality of Reporting











Twitter User Based Bias Prediction

	Far Left	Left	Center	Right	Far Right
Climate Change		●			
Gun Control		●			
Ilhan Omar	●				
Immigration	●				
US Mid-term Elections 2018			●		
Police Racism		●			
Kavanaugh Nomination		●			



Climate Change 69% PRO

PRO Claims

The government should increase environmental regulations to prevent climate change (94)



AGAINST Claims

Climate change is a flat-out hoax (292)





Try Tanbih: <http://www.tanbih.org>

This work is part of the Tanbih project, developed in collaboration between QCRI and MIT-CSAIL, which aims to limit the effect of “fake news”, propaganda, and media bias by making users aware of what they are reading.

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