

Measuring Bias of News/Media Outlets

Known News/Media Outlets with Known Bias

- Some media bias charts come from surveys in which people are polled about their News/Media preferences (**almost always subjective**)
- Some media bias charts come from studies done by journalists, researchers, experts in Journalism, etc. (**can be somewhat subjective and not 100% objective**)

Static Media Bias Charts:

<https://www.allsides.com/media-bias/media-bias-chart>

<https://adfontesmedia.com/product/media-bias-chart-latest-edition/>

<https://libguides.willamette.edu/c.php?g=697656&p=4958591>

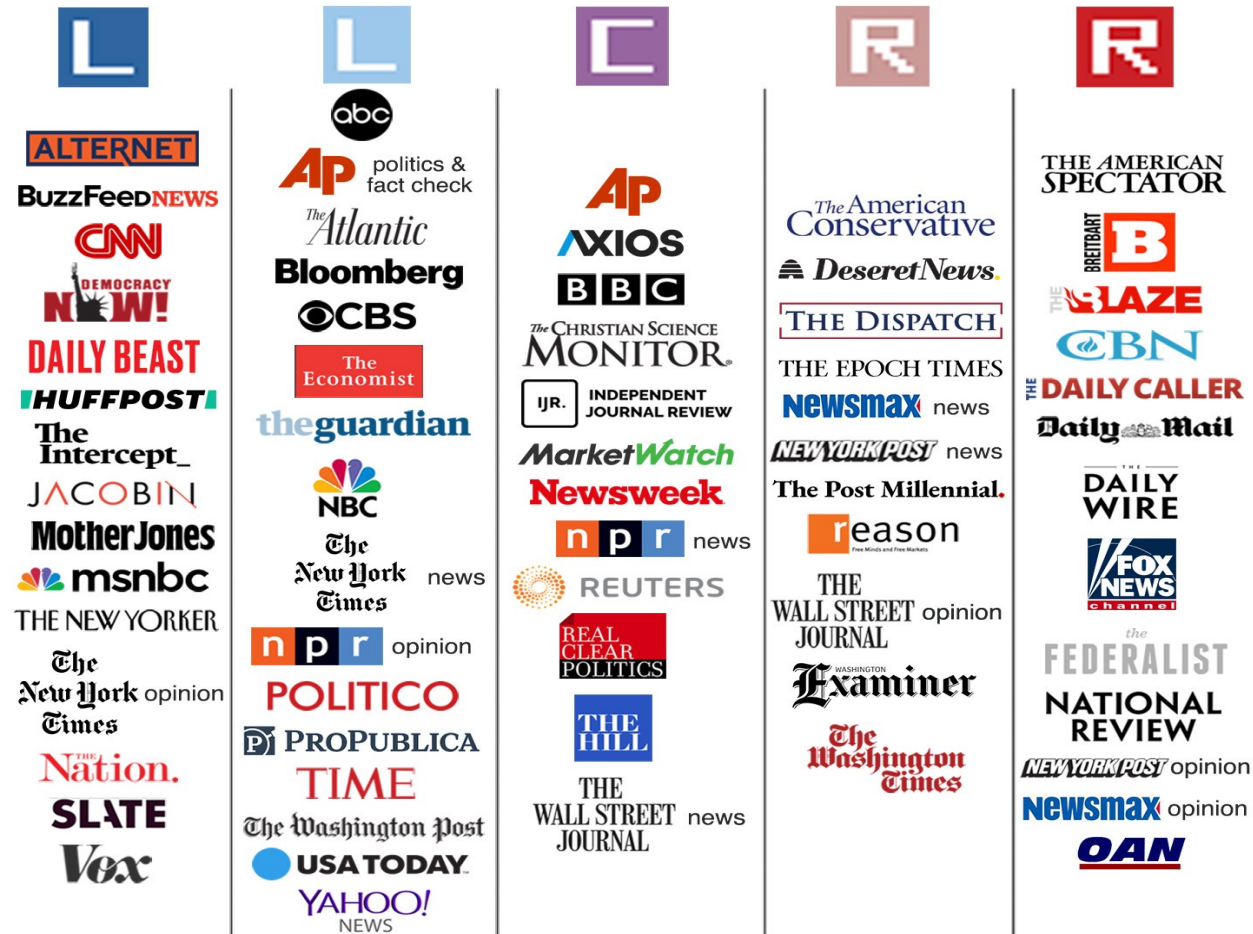
Interactive Comprehensive Media Bias Chart:

<https://adfontesmedia.com/interactive-media-bias-chart/>

<https://www.allsides.com/media-bias/media-bias-chart>

AllSides™ Media Bias Chart™

All ratings are based on online content only — not TV, print, or radio content.
Ratings do not reflect accuracy or credibility; they reflect perspective only.

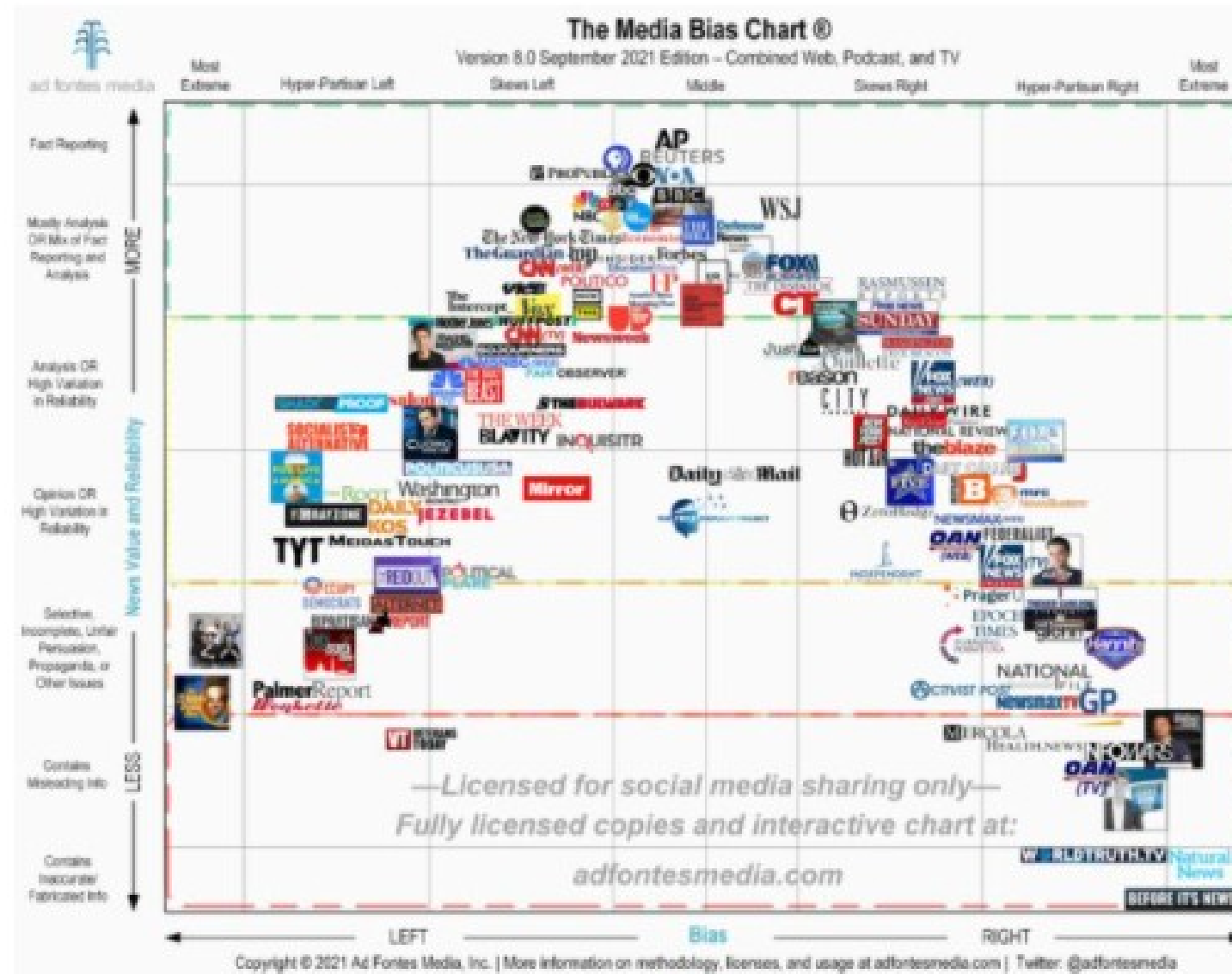


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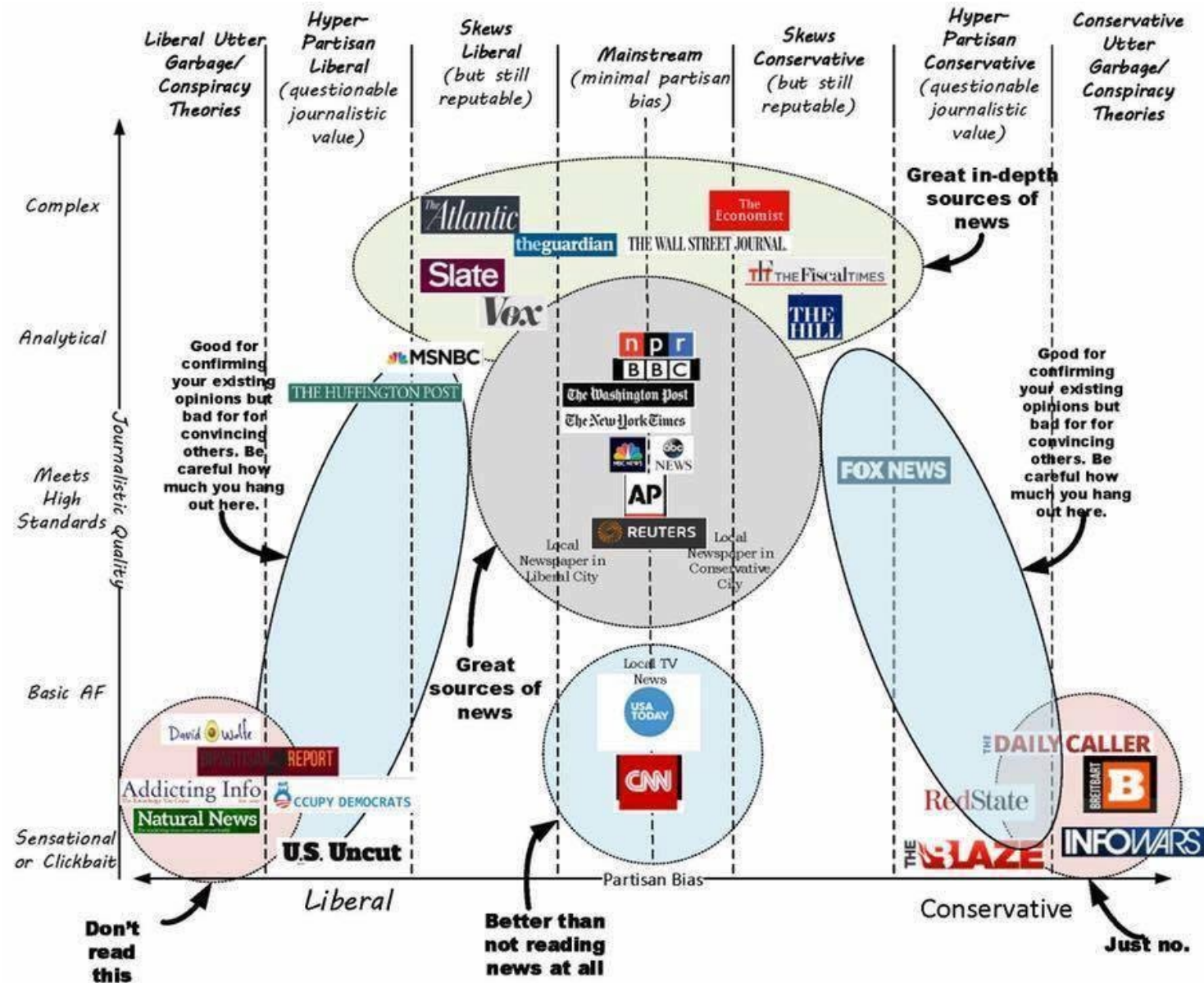
AllSides Media Bias Ratings™ are based on multi-partisan, scientific analysis.
Visit AllSides.com to view hundreds of media bias ratings.

Version 5 | AllSides 2021

<https://adfontesmedia.com/product/media-bias-chart-latest-edition/>



<https://libguides.willamette.edu/c.php?g=697656&p=4958591>



CONTROLS

SEARCH

Type the source name

* Filter source reliability range :

0

64

* Filter source bias range :

-42

0

42

▽ Filters

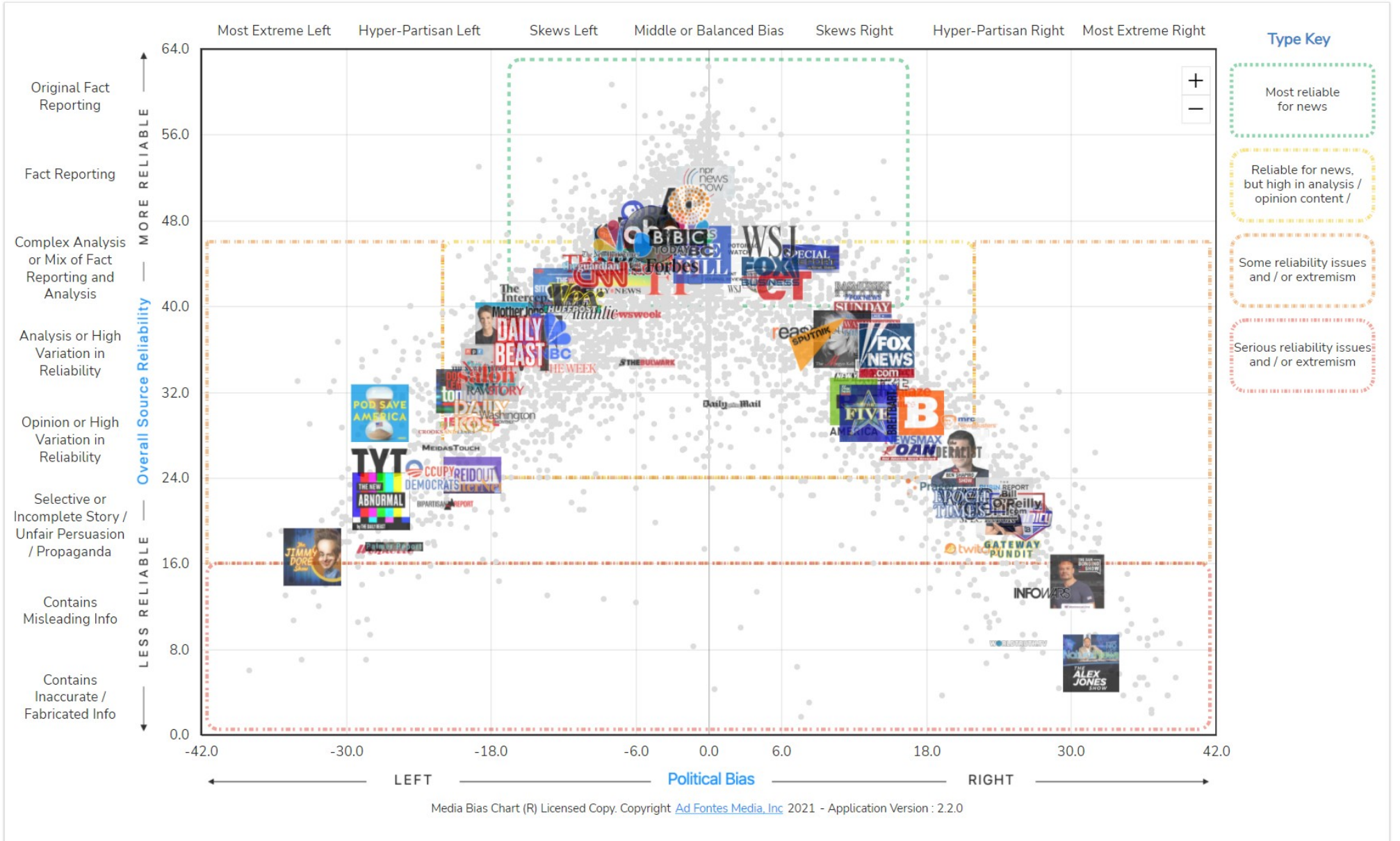
↺ Reset

⬇ Image

Member

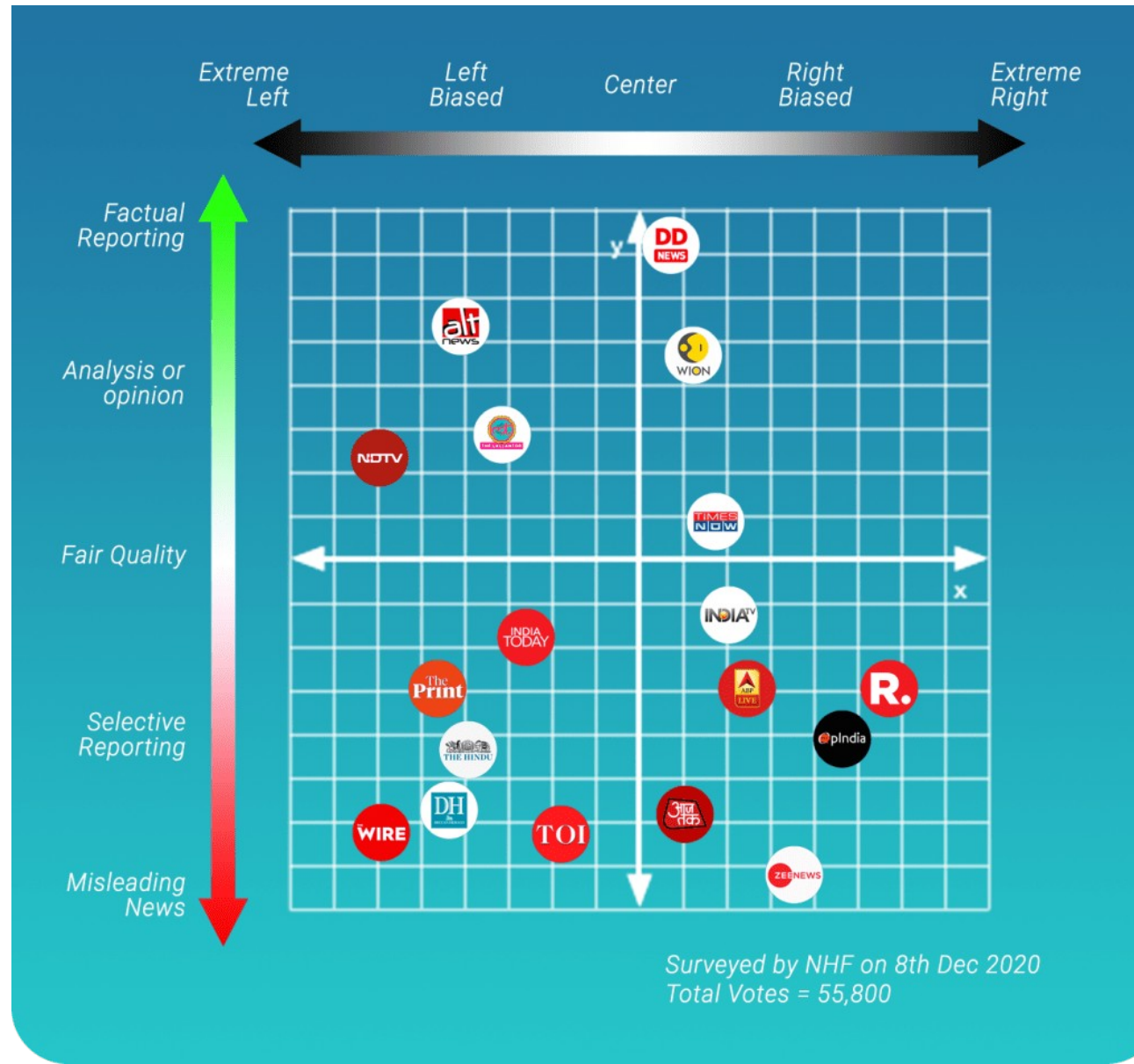
⬇ CSV(s)

Pro User



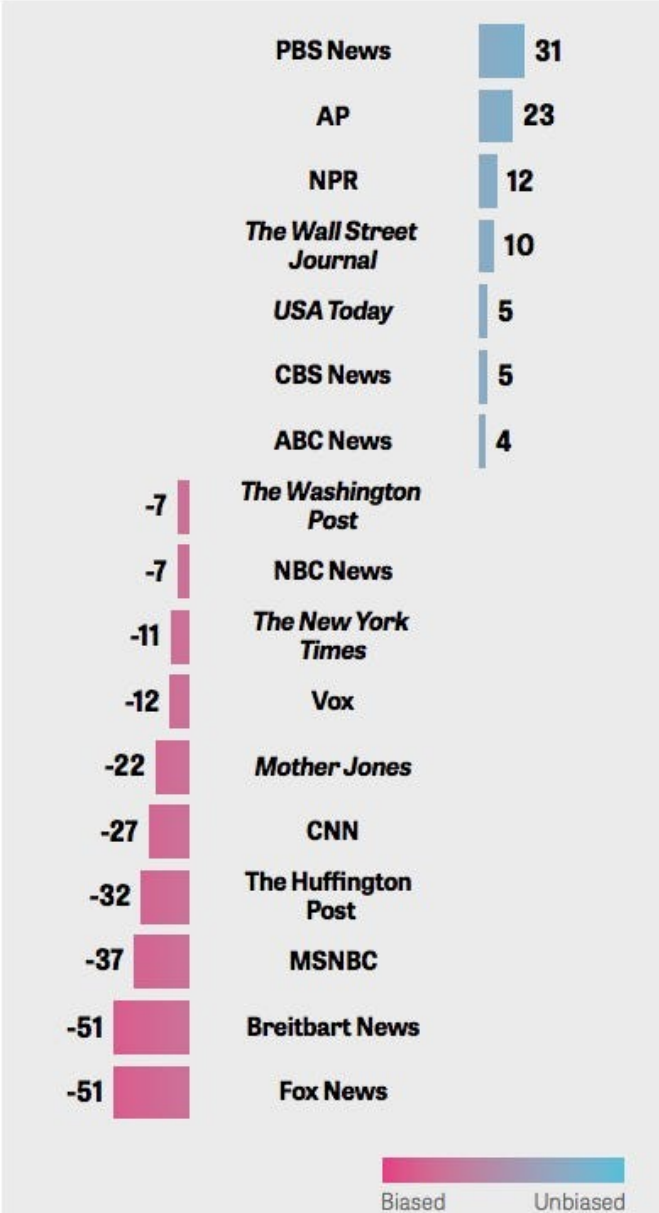
Countries other than US

<https://newsheadlinesfixed.com/the-most-accurate-indian-media-bias-chart-2020/>



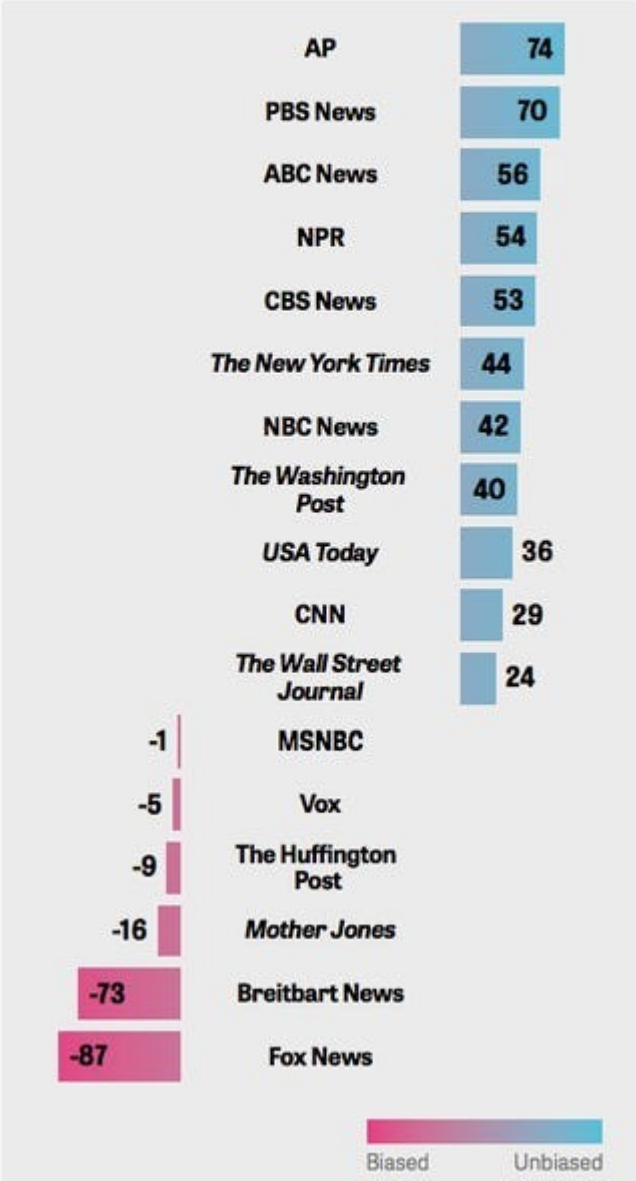
**Net Bias Scores of News Organizations,
U.S. Adults**

Percentage rating each as unbiased minus percentage rating each as biased



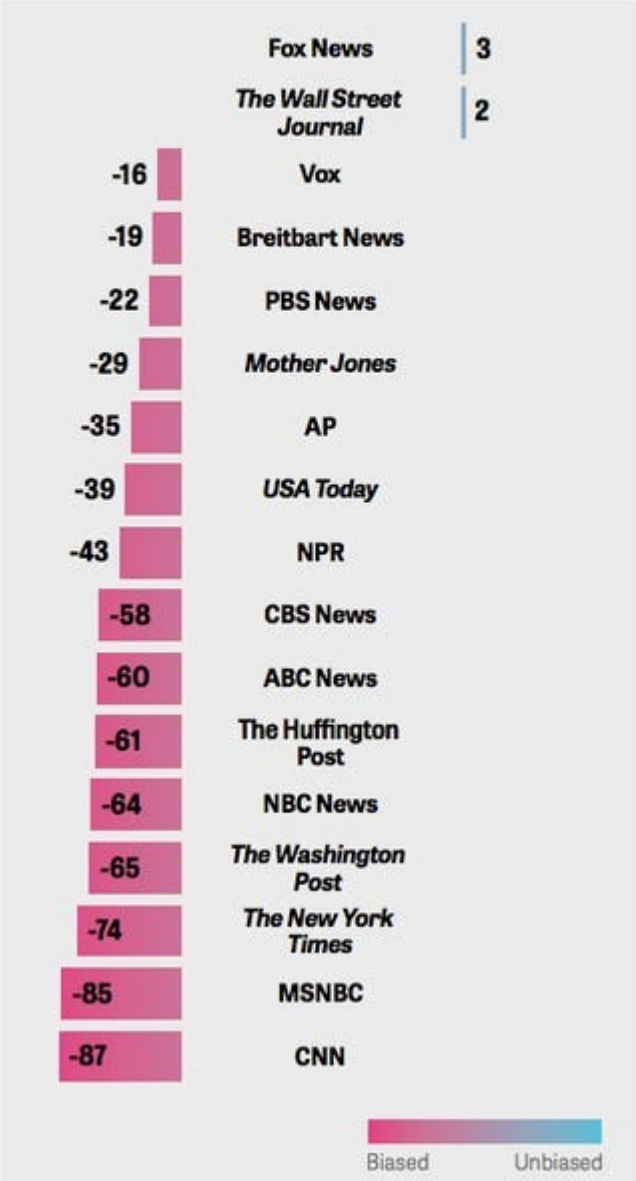
**Net Bias Scores of News Organizations,
Democrats/Democratic Leaners**

Percentage rating each as unbiased minus percentage rating each as biased



**Net Bias Scores of News Organizations,
Republicans/Republican Leaners**

Percentage rating each as unbiased minus percentage rating each as biased



Proposed research questions:

- Can we produce a Media Bias Chart for news websites/outlets that has not been surveyed based on the similarities of textual data with news outlets that has been surveyed or went under researchers' studies?
- Can we apply the same method to produce a Media Bias chart from Arabic news websites/outlets based on their similarities with English ones?
- Can we produce a mapping between English news outlets and Arabic ones?

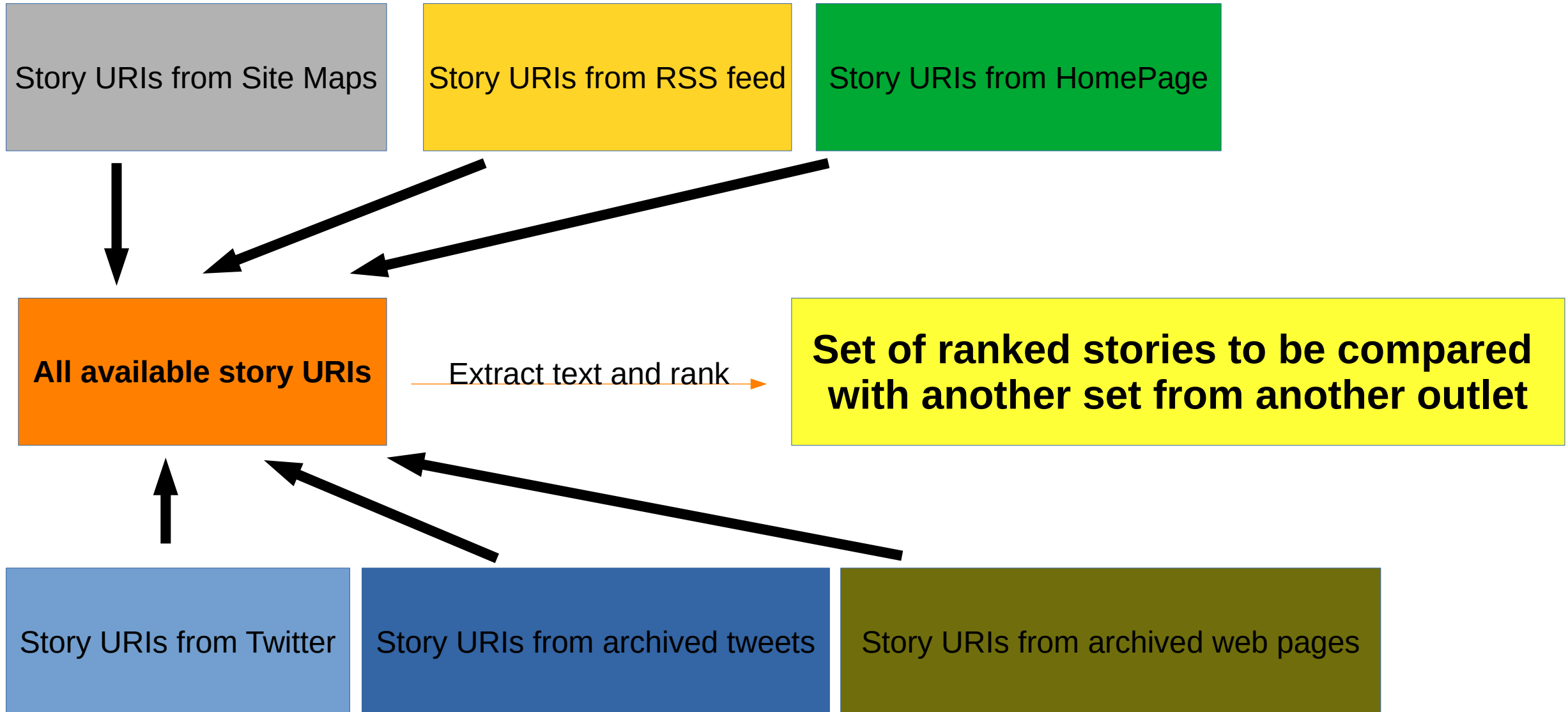
Textual Data Sources:

- News Outlet's Website:
 1. Site Map
 2. RSS feed
 3. Scrapping Homepage
- News Outlet's accounts on social media (Twitter, etc)
- Archived news pages:
 1. Crawled Homepages
 2. Homepages pushed to an archive on the web regularly
- Archived social media posts

News Story Ranking Per News Outlet

- News stories collected from a news outlet's websites can be ranked if it was scraped from the homepage.
- Links to news stories from news outlets' social media accounts are difficult to rank because posts cannot be rearranged. Example: In Twitter, only one tweet can be pinned at any time.
- It is possible to collect the "pinned" status of a news story(s) but ranking stories that never been pinned is not possible (at least in Twitter).

Textual Data Sources (each outlet):



News Story Ranking on News Website Homepage

- A homepage is divided into areas based on their position.
- An integer between 1 and 10 represents the area ranking.
- News stories that belong to the same area have the same ranking.

Measures

- Similarities between stories within one news outlet and with other news outlets.
- Story and story position matching between news outlets (Find Similarities between news outlets)
- Combining all stories from all news outlets to measure coverage for each news outlet
- Story and story position matching between English and Arabic news outlets (Find Similarities between news outlets across both languages and create a mapping from one to the other based on story and position matching)