


Task 2: Procedures Used for Labelling Tweets

My Definition of Misinformation

- Misinformation is false or inaccurate information, including:
 - o Events that **did not happen**
 - o Things that **do not exist**
 - o **Untrue** or **misleading** details on real events, occurrences or interactions (i.e., false information on the 5 W's and H: Who, What, When, Where, Why, How). This includes:
 - Content that misinforms on who was involved in an event/interaction, what happened, and when it happened
 - Content that misleads people on the reasons behind occurrences/events (i.e., misleading "Why" something happened)
 - Example: <https://twitter.com/i/web/status/1521296227291312133>
 - Content that misleads people on how something came to be
 - Example: <https://twitter.com/i/web/status/1521328439759761408>
 - Fake quotes – attributing words to people's mouths that they did not say, or putting them in a misleading context
 - Example: <https://twitter.com/i/web/status/1522330619618996225>
 - Exaggerations on events and people's responses

How I identified misinformation in tweets:

- Do some of my own searching online on the subjects in the tweet
 - o E.g., For the tweet regarding the [abortion protest in Mexico](#), I found a Reuters Fact Check site that clarified the series of events: <https://www.reuters.com/article/factcheck-mexico-photo-abortion-idUSL2N2WW2CW>
- A pop-up under the tweet that says: "Readers added context they thought people might want to know"
 - o Example: <https://twitter.com/i/web/status/1521296227291312133>

 **Readers added context they thought people might want to know**

The barricades around the U.S. Supreme Court building have been up since at least April 26, 2022, likely in response to the self-immolation of an environmental activist on Earth Day.

[gettyimages.com/detail/news-ph...](#)

[gettyimages.com/detail/news-ph...](#)

[nytimes.com/2022/04/24/us/...](#)

Do you find this helpful?

Rate it

Context is written by people who use Twitter, and appears when rated helpful by others. [Find out more.](#)

- Scan comments under the tweet for any comments pointing out misinformation. Use common sense and judgement on whether the comments may hold some truth
 - o E.g., comments that provide facts (not opinion) that counter/challenge the info in the tweet, comments that point towards the tweet being misleading



My Definitions of News vs. Opinion

I labelled tweets as “News” or “Opinion” based on the content of the tweets. If a tweet contained both fact and opinion in its content, I labelled it as opinion.

- News Definition:
 - o Contains and informs purely on event facts. Event facts include:
 - Who, what, when where, why, how
 - Includes news about a person’s response (e.g., a celebrity’s statement on a topic (this could be the celebrity’s opinion))
- Opinion Definition:
 - o Contains **any** content beyond facts on things, events, and other people’s actions/responses
 - Contains words such as “my thoughts”, “my opinion”, “I think/believe/feel”, “should”
 - Contains sentiment or emotionally loaded words (e.g. “heartbroken”, “ravages”)
 - Note: Opinion tweets are about the tweeter’s own thoughts and beliefs

A different way to label tweets as “news” or “opinion” is by the intended purpose of the tweet. If the tweet’s purpose is to share information/keep people informed, then it is labelled as “news”. If the tweet’s purpose is to share the tweeter’s opinion and/or influence the opinion of others, then it is

labelled as “opinion.” However, I chose to define “news” and “opinion” based on the content of the tweet as it may be more objective and also easier to program.

How I labelled Tweets as Breaking news vs Normal news

- Breaking News
 - Look for the words “Breaking” or “Breaking News” at the beginning of the tweet
 - Look at the tweet’s time stamp and see how close it is to the time of the event
 - If the tweet was posted on the same day within a couple of hours of the event’s occurrence, I considered it as “Breaking News”
- Normal News
 - Anything that is not breaking news, I labelled as Normal News
- If the tweet is labelled as “Opinion”, I put “N/A” under the “Breaking News” and “Normal News” columns

How I labelled Tweets as Pro-life vs Pro-choice

- Pro-life
 - Against abortion
- Pro-choice
 - Supports abortion
- If the tweet is labelled as “News”, I put “N/A” under the “Pro-life” and “Pro-choice” columns

Cropped Excel Version of Labelled Dataset:

	A	B	C	D	E	F	G
1	TweetID	is_misinfo	category	Breaking News	Normal News	Pro-life	Pro-Choice
2	1540348242960846849	No	News	Yes	No	N/A	N/A
3	1540345715616006148	No	Opinion	N/A	N/A	No	Yes
4	1540341761658085376	No	News	Yes	No	N/A	N/A
5	1540338100521603074	No	Opinion	N/A	N/A	Yes	No
6	1521296227291312133	Yes	News	Yes	No	N/A	N/A
7	1540343622486327296	No	Opinion	N/A	N/A	Yes	No
8	1521328439759761408	Yes	News	No	Yes	N/A	N/A
9	1540337296473526272	No	News	Yes	No	N/A	N/A
10	1540405941094326272	No	News	Yes	No	N/A	N/A
11	1522330619618996225	Yes	Opinion	N/A	N/A	Yes	No