Eliseo Vega

ECON-124

Professor Leung

January 8, 2022

Homework 1

1. The population of people in which this sample is drawn from are US adults aged 18+ from a survey conducted in late November 2016. A reason this sample might not be random is because conducted using an online survey, which has selection bias since the individual chooses to perform the survey or not. This will skew the sample relative to the population by causing bias and therefore error in either way of the results.
2. There was about 4x more pro-Trump articles shared on Facebook vs pro-Clinton. At 30,295,311 pro-Trump Articles shared vs 7,588,106 pro-Clinton Articles shared.
3. The database which is the most comprehensive is the Snopes data set with a total of 138 Articles in the databases and 124 articles that are just exclusive to Snopes, which is about 89.8% of Snopes articles not appearing in any of the other two. The Database that is the least comprehensive is the Buzzfeed database with 21 total articles appearing in survey but just 9 articles only being published by Buzzfeed, which is about 42.8% of BuzzFeed articles being exclusive.
4. On average people reported spending about 73 hours consuming election news, and 44% of that time was spent on Social Media. No the vast majority of respondents time was not spent on social media.
5. The media that people mostly use to consume news are websites. As shown in the barplot below, we see that Social media is the 3rd most important source for news behind cable Tv, and websites.

Chart, bar chart

Description automatically generated