DATA 340 Natural Language Processing Final Paper- Professor Tucker Josh Rogers May 16, 2023

An Update to my Research

Shortly after completing my research paper, I discovered that snscrape had been fixed.

After scraping the data and preprocessing it, I was able to repeat the steps on my main project.

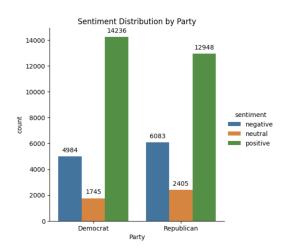
A hypothesis was that since Democrats control the presidency and one chamber of congress,

Republicans would produce more negative tweets. After running new data, I can confirm that my

hypothesis was correct. Democrats tweeted more positively, whereas Republicans tweeted

more negatively. This was an inverse of 2018, when Republicans were in power. The data and

graphics are shown below.



	Positive	Neutral	Negative
Democrat	67.90%	8.32%	23.77%
Republican	60.40%	11.22%	28.38%