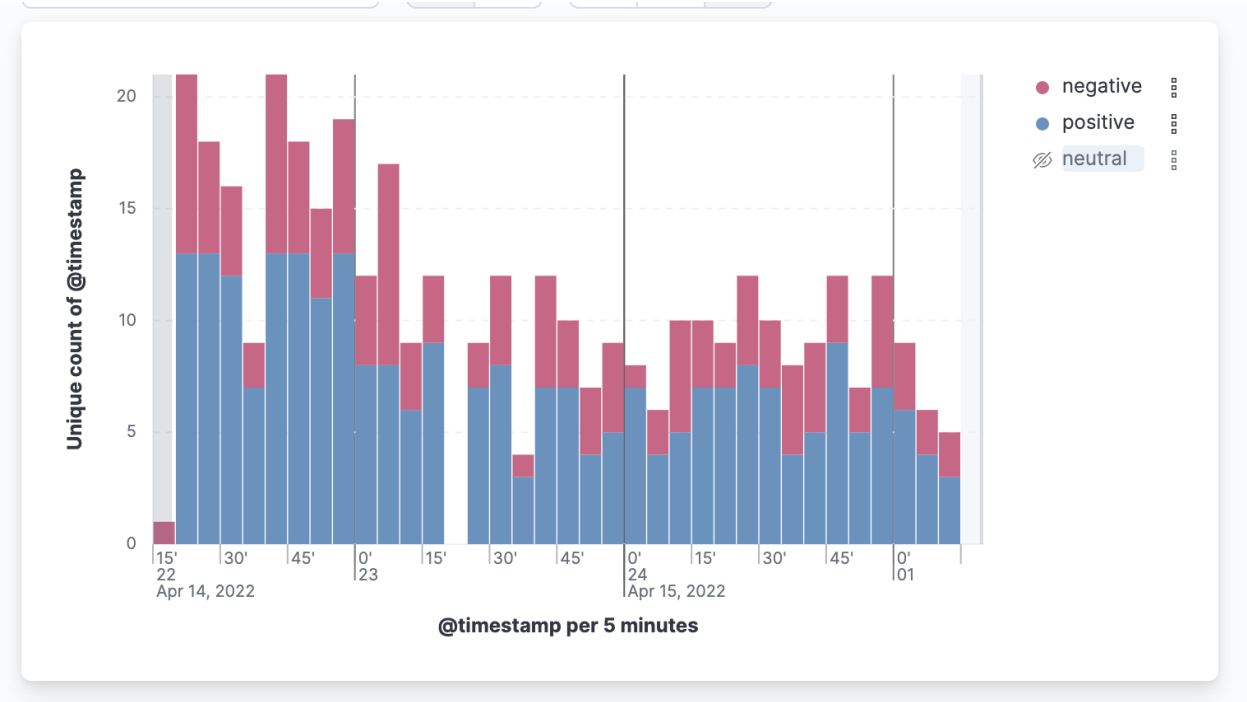
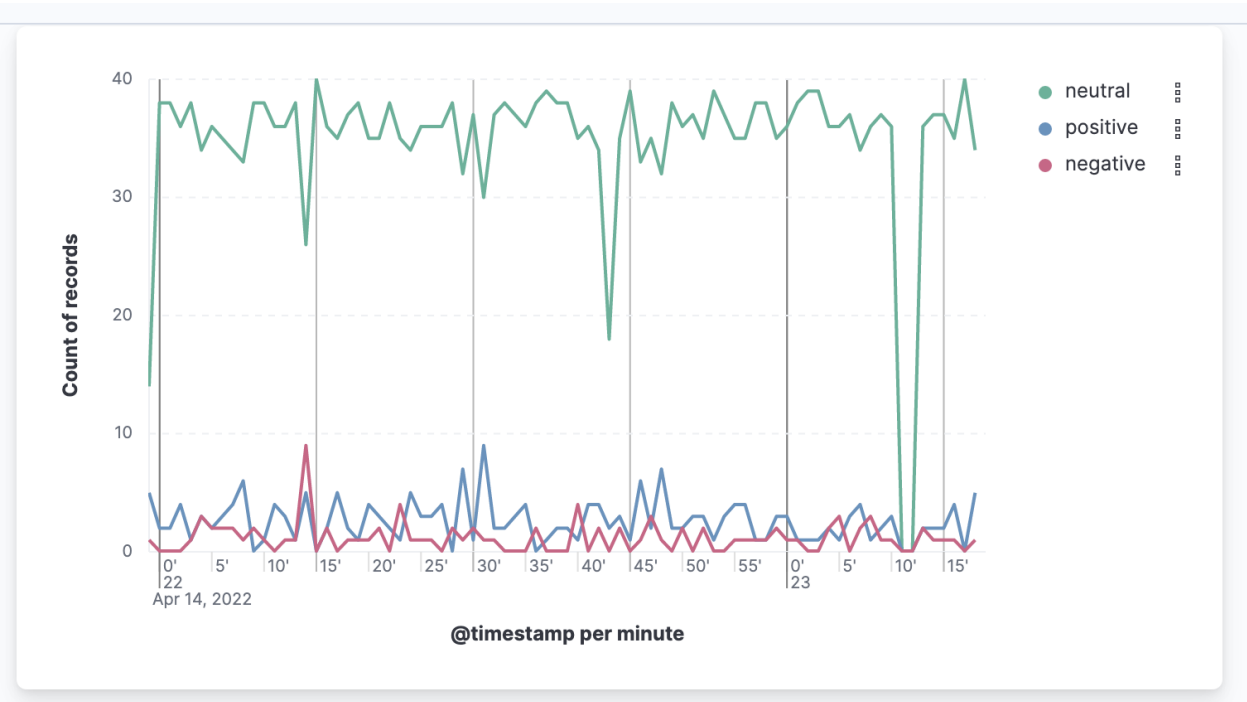


Plot of the results over time:

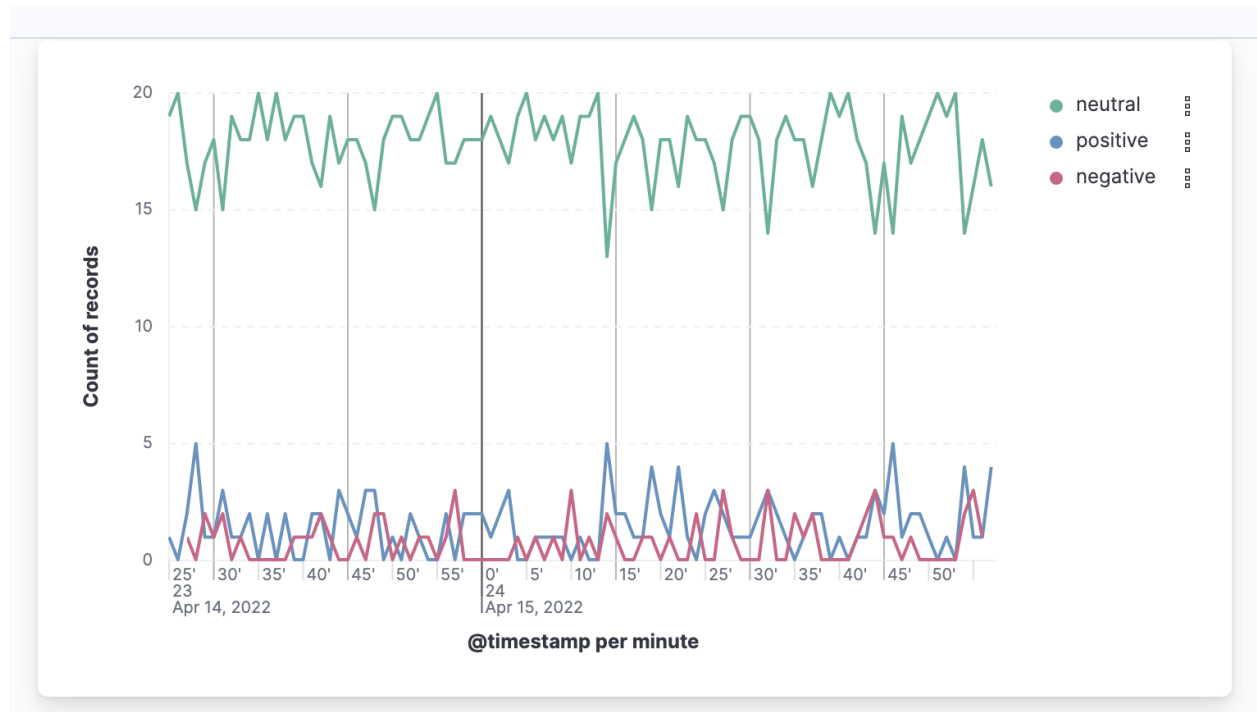




Pre-ratelimit



Post-ratelimit



Analysis:

There isn't much variation over the 3 hours of recording. The ratio of ~3% negative, ~9% positive, and rest neutral remained constant. The data was collected from 10PM to 1AM. We got ratelimited about an hour in, so we reduced the sampling rate by half.

We had a hypothesis that later in the night, we would see more automated news tweets and less flame wars, resulting in a decrease in negative tweets. We would also see more foreign language tweets, meaning more neutral tweets because the sentiment analyzer couldn't parse it. Both hypotheses were not supported.