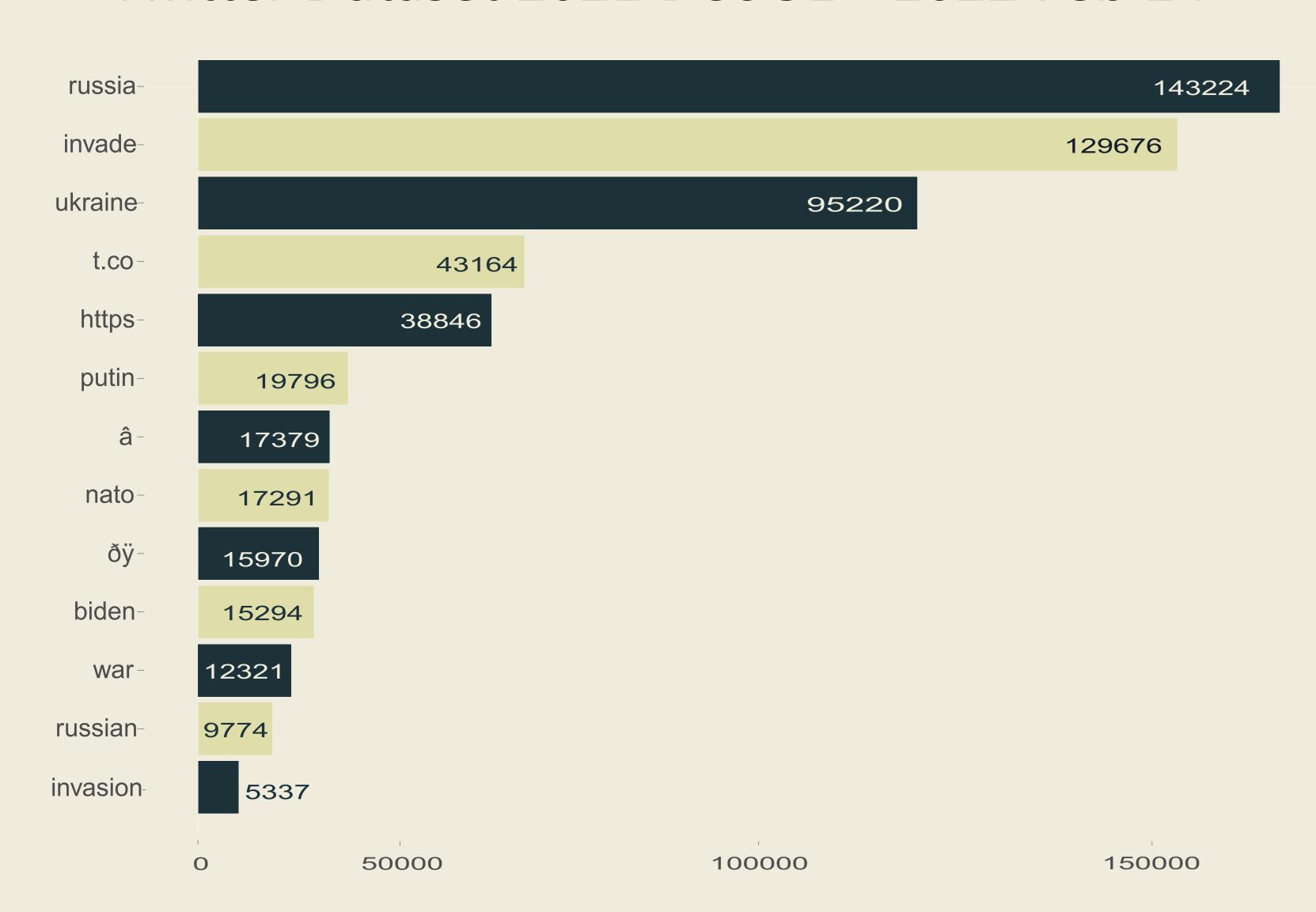
2022 Russian Invasion of Ukraine

1. STORY

Febuary 24th 2022, was the day the Ukraine war started. It was right after the Olympic, so some of the people might not even aware of the situation at all. This poster would analyze Could people predict the Ukraine War? If they could expect the war to be happened, where did they get the news from? Are they reliable? Plus, how has the sentiment changed over the war, pre and post war.

2. MOST FREQUENT WORDS

Twitter Dataset 2021 Dec 31 - 2022 Feb 24



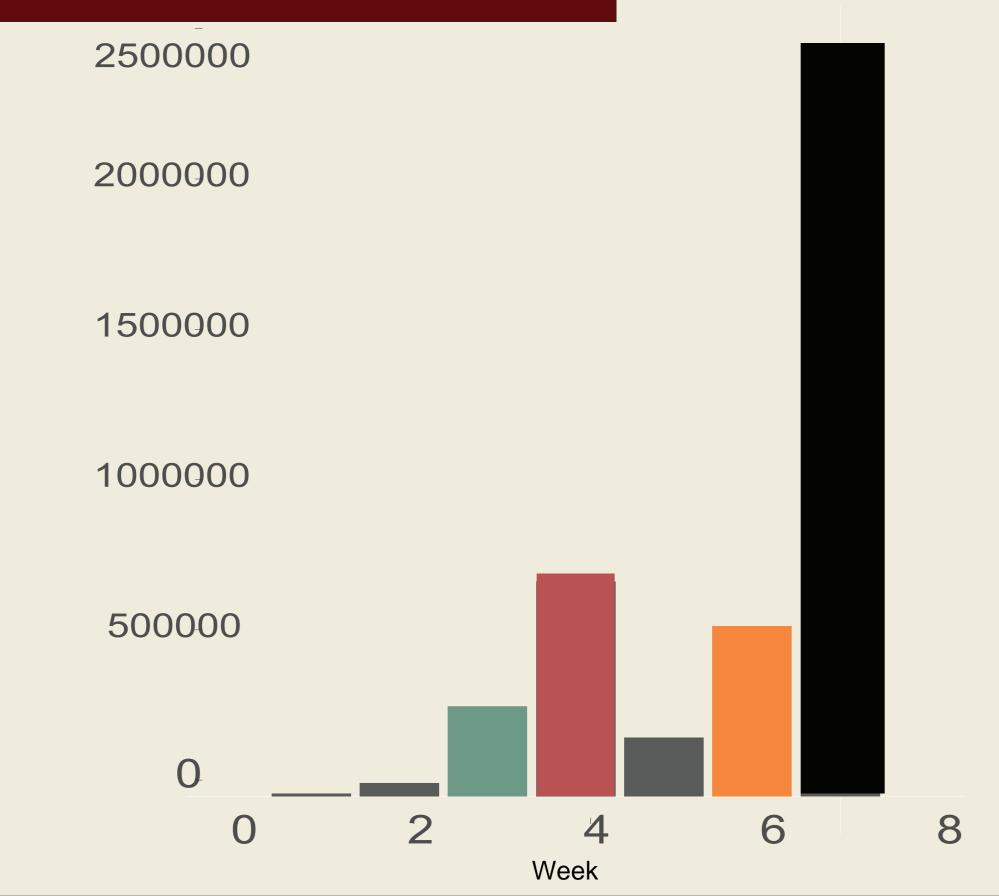
As the graph above, 'https' is one of the top frequent words used in the twitter. It could be inferred as people used outside sources to prove their assertions.



Filtered down to the content which contain the frequent words above and these are the top 9 outside sources the tweets which got the most retweets. Most of them got the official mark from Twitter.

3. NUMBER OF TWEETS

Number of Tweets before the war which includes the contnet of INVASION

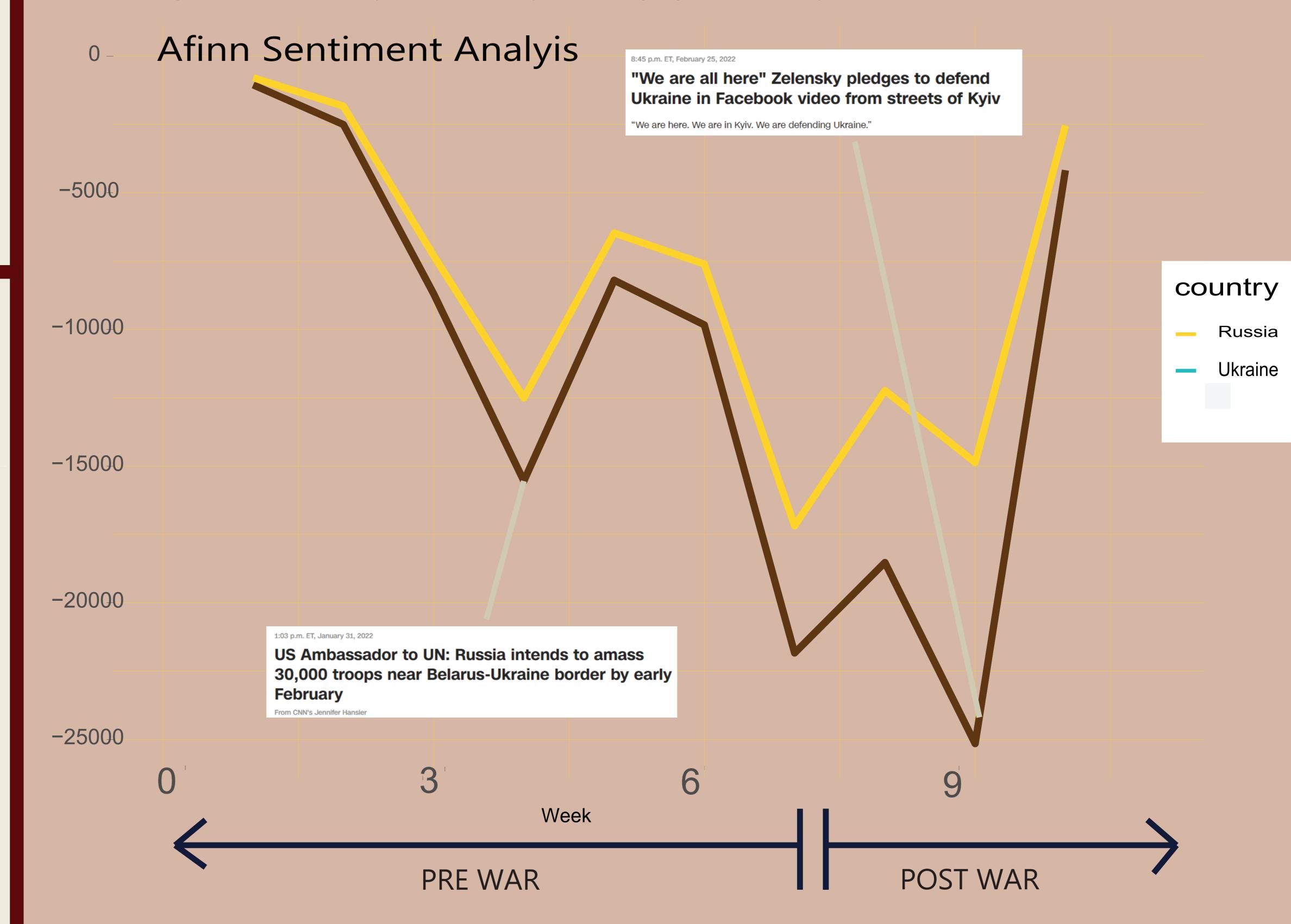


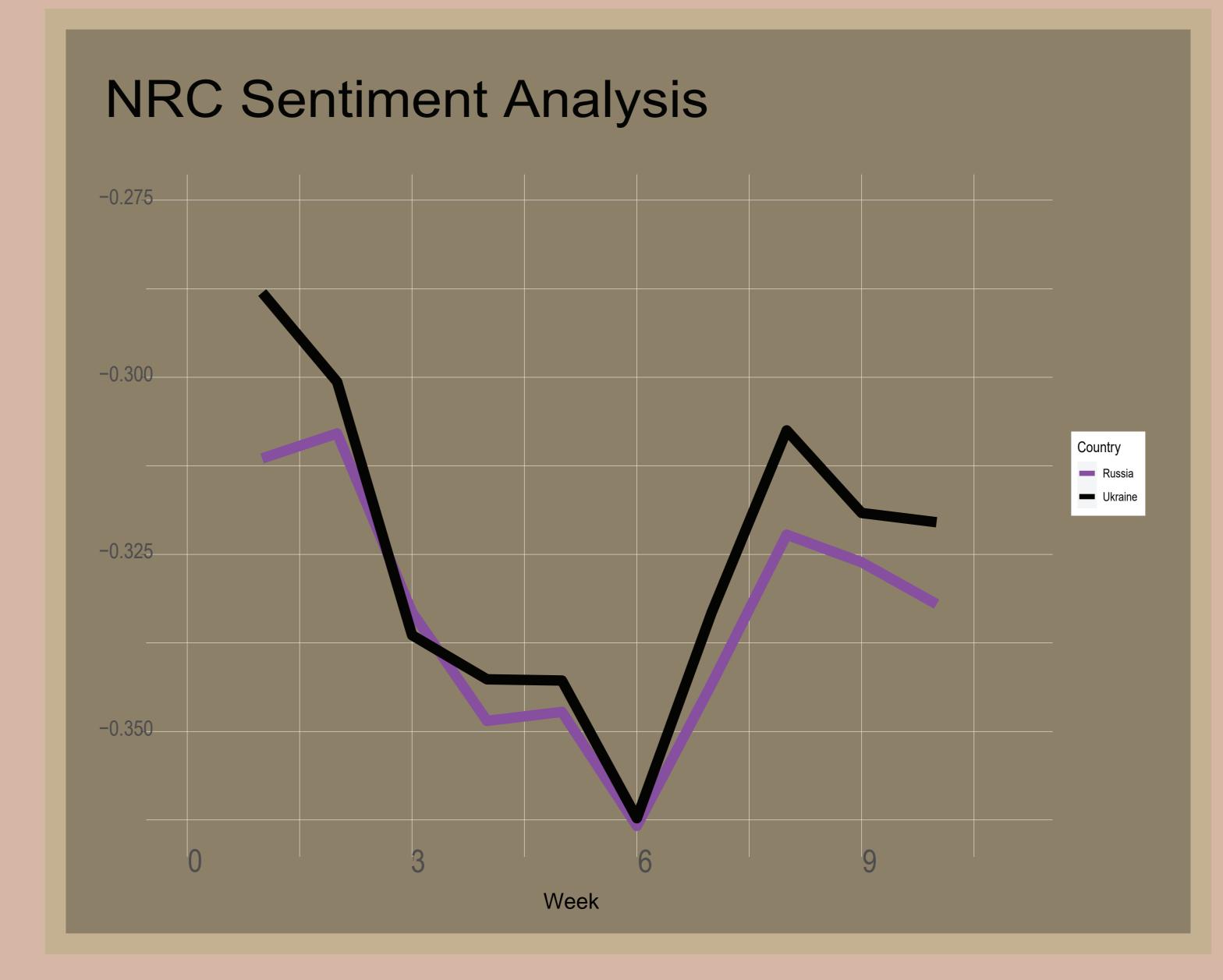
The CSV. file used for this analysis is: Russia_invade.csv.

Size: 29 Columns and 170835 Rows

5. SENTIMENT ANALYSIS

Unnest Tokens and used sentiments datasets called "afinn". Scored each word range from -5 to 5 and got sentiment by sum the value. Averaged them by week by using group_by().





Used different data set for a comparison.
Each words are valued by eight basic emotions, but extracted the words with "positive" and "negative" and calculated their sentiment by Positive-Negative.
Made an average by week.

4. RETWEETS, LIKES, REPLY, QUOTE

