ANGRY AMERICA, SUPPORTIVE ENGLAND AND WORRIED GERMANY: A QUANTITATIVE CORPUS ANALYSIS ON MEDIA BIAS

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KEYWORDS

Sentiment analysis, Opinion mining, Media bias, Ukraine War

METHODOLOGY



Web Scraping

Searched keywords: "Ukraine War" Date: January 1st to August 6th, 2022



Collect Data into csv File

2363 articles from CNN 1841 articles from DW 1293 articles from BBC



Create Threshold

Top 300 articles from each website



Analysis Tools

Word frequency & Sentiment words



Visualization

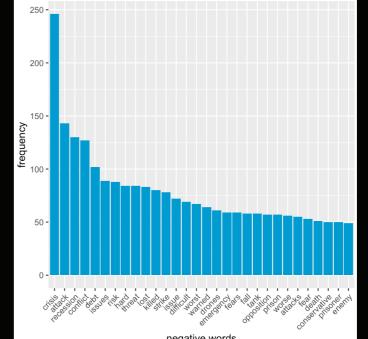
Word clouds & Bar charts

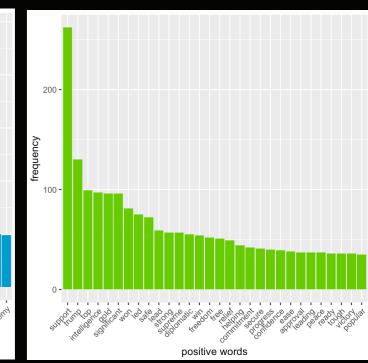
RESULT

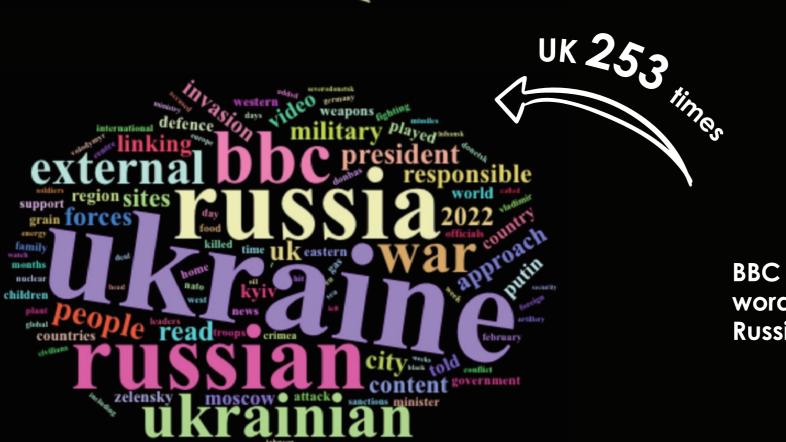


C No times

US made the sanctions to choke off Russia's war machine and blocked debt payment, causing Russia to default on foreign debt for the first time in a century. The words show US's hostility towards Russia's indiscriminately oppressive forces.

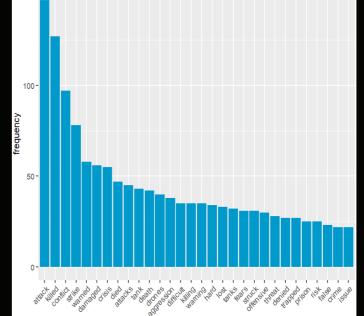


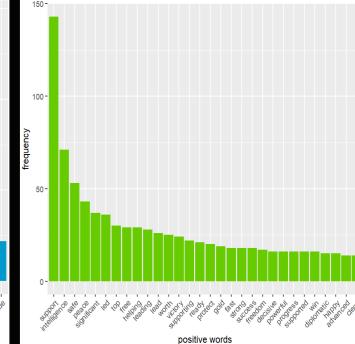




BBC

BBC mentions "UK" and Ukraine together with the words: "support", "provide", "friend". It depicts Russia with the words "brutal", "indiscriminate"

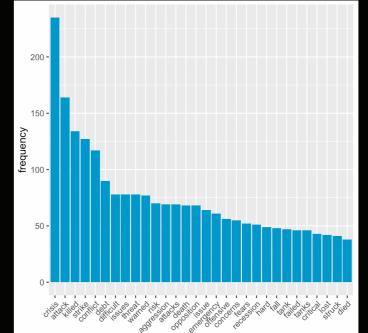


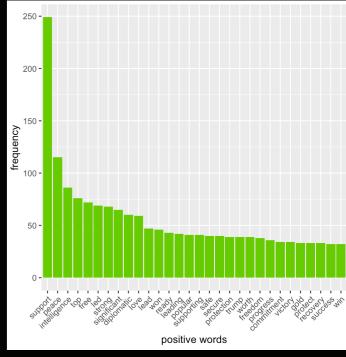




DW

Germany shows a greater eagerness for ending the Ukraine War since a big portion of Germany's economy relies on Russia. Instead of harshly criticizing Russia, DW focuses on energy problem to show their consideration without being too extreme like BBC or CNN.





CONCLUSION

By conducting a quantitative analysis examining the correspondence between the high frequency words and sentimental words, my research provides practicable methods for researchers to investigate how countries' stances impact their word choice and sentiments. The results show that countries reveal stances though distinct word choices, which can be altered by economic, political, and social issues in the Ukraine War.