



What does the world feel about TRUMP-KIM Summit?



How do Twitter users worldwide

[I be more direct in your title!]

Introduction

Held in Singapore on June 12, 2018, the Trump-Kim summit is regarded to be of immense importance to regional and global security. We observed that articles by local press seem to be optimistic about its outcome. We seek to validate whether this is reflected within the ground sentiments in other countries through Twitter.

Aim

To investigate the sentiments of people in various countries around the world regarding the summit and observe any interesting trends, similarities and differences.

Methodology

Using Python, we collected English tweets for 10 days, starting from June 12. The results were analysed using Orange data mining tool and Python.

General Overview Of The Summit

Trend in Number of Tweets



as hype of the Trump-Kim Summit dwindled.

during 14-21 June?

sharp

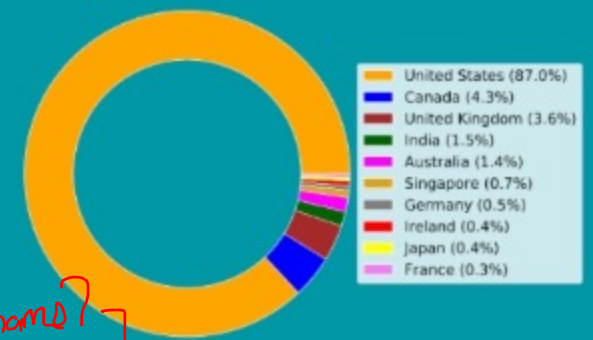
There was an exponential decrease in the number of tweets collected overtime, as it moved into the cool-down phase of the social media lifecycle. The limited data available could potentially reduce the reliability of average sentiments investigated on the later days. The anomalous increase in the number of tweets on June 15 could be due to the climate of post-summit reflection, where the tangible impacts of the summit and the immediate follow up actions taken are being reviewed by the global audience.



only Trump?
No Kim?

[check proper nouns?]

Top 10 Most Responsive Countries



The doughnut chart shows the breakdown of the country profiles of various tweets responding to the summit. As expected, the United States ranked the highest in responsiveness, with a smaller proportion of tweets from Asia. European countries, 'arguably' with the exception of the United Kingdom, seemed to be onresponsive towards the summit.

Sentiment Analysis of Tweets

Based on the global sentiments analysis across all days collected, the responses were mainly positive and neutral as represented by the green and yellow regions in many parts of the world, such as the United States of America and China. In fact, China, as the economic rival of the United States, seemed to have a more positive view on the summit as compared to Russia, the political rival of the United States. Generally, countries appeared to have similar sentiments as their neighbouring countries in the region, manifested in the clustering of green and yellow regions that reflected positive and moderately positive sentiments respectively in the Americas as well as Asia.

Canada



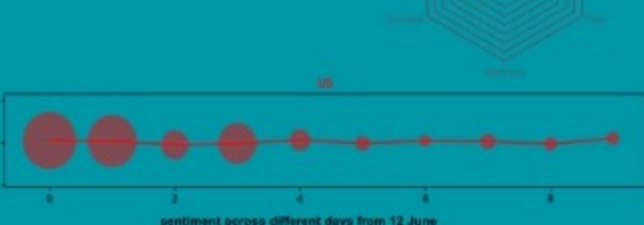
Major sentiments reflected by the radar graph were those of joy, surprise and slight fear.

The sentiments remained neutral throughout different days, with the exception of an anomalous increase in positive sentiments from tweets collected on Day 6.

The number of tweets declined sharply after the first two days as represented by the decrease in the size of circular dot on the graph.



Major sentiments reflected by the radar graph were those of joy, surprise and fear and slight sadness.



The sentiments remain relatively neutral throughout different days.

Despite the huge number of tweets initially, the gradual decrease in the size of circular dots on the graph shows that the responses had become lukewarm from Day 5 onwards.



The United States

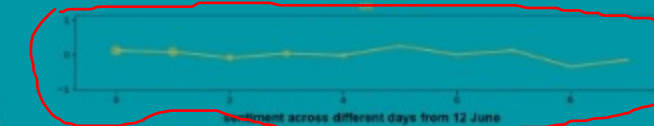
United Kingdom



Major sentiments reflected by the radar graph were those of joy, surprise and fear.

There was general decrease in sentiments, with only slight increases from Days 4 to 5, 6 to 7 and 8 to 9.

The number of tweets decreased slowly over the days as shown by the size of the dots.



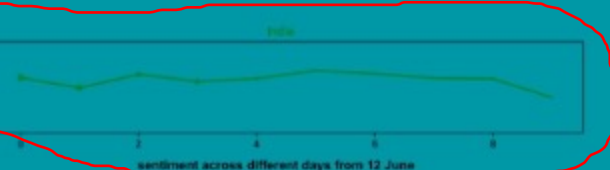
India



Major sentiments reflected by the radar graph were those of joy, surprise and sadness.

There was general decrease in sentiments, with only slight increase from Days 1 to 2 and sharp decrease from Days 8 to 9.

The number of tweets decreased gradually over the days as shown by the size of the dots



Singapore



Major sentiment reflected by radar graph were those of joy, surprise, fear and sadness.

There was a gradual increase in positivity from Days 2 to 6, together with sharp decrease in sentiments from Days 6 to 7 and 8 to 9. Overall, the sentiment was relatively neutral.

The number of tweets were relatively small. This could potentially affect the reliability of average sentiments portrayed by Singaporeans.



Global Sentiments Map

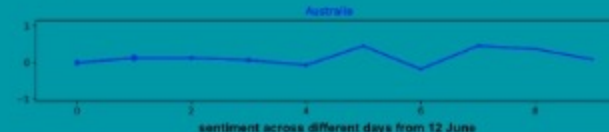
Remark? See star below



Australia

Major sentiments reflected by the radar graph were those of joy, surprise, slight fear and slight sadness.

There was general increase in sentiments, with anomalous sharp increases from Days 4 to 5 and 6 to 7, with sharp decrease from Days 5 to 6



Conclusion

In general, the responses were slightly optimistic, with major sentiments being joy and surprise among the most responsive countries. However, this was not a case of unbridled joy, as it was tempered with caution, with some expressing fear and sadness.

One major limitation is that due to the small sample size of Tweets collected from certain countries, the average sentiments from these countries might not be accurately portrayed. For example, Peru's average sentiment is shown to be highly negative represented by the color red, but is only due to the presence of 1 tweet that originated from Peru. Such a scenario is likely to be the case in countries where the popularity of Twitter as a social media platform is relatively low.

Nonetheless, the real-time tweets collected directly from the ground still helped us understand the sentiments in a more authentic manner.

Extensions

This study can be further enhanced by collecting data from a variety of digital sources through web scraping. Public responses on other social media platforms can also be analysed to give a more holistic understanding of sentiments worldwide. Further sentiment analysis could be done to explore changes before and after the summit, allowing more room for judgement on the effectiveness of the summit.

YOU CAN TRY YOUR HAND AT SENTIMENT ANALYSIS BY SCANNING THE QR CODE. YOU CAN FIND OUT HOW POSITIVE OR NEGATIVE YOUR NAME, OR YOUR FAVOURITE SONG SOUNDS TO A MACHINE!



Only 1 tweet? want to include Peru? Can't see!

the general mood