# China's Stance on Rohingya Refugees Issues in The Local Newspaper Through Corpus Sentiment Classification

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#### Abstract

The predicament of the Rohingya refugees has garnered significant attention in China. The present study scrutinises the newspaper's language alignment to the representation of China's stance on the Rohingya refugees. The primary objectives are twofold: firstly, to analyse the top ten salient nouns, verbs, and adjectives, and secondly, to evaluate the sentimentality of the aforementioned salient vocabulary and phrases. The present study employs a mixed-method approach with a corpus-driven research design. The corpus was procured from China Daily, comprising a total of 78 newspaper reports with 24,769 words and 1,013 sentences. The utilisation of Sketchengine and Atlas.ti, was selected. A wordlist of vocabulary has been produced for top ten salient nouns, verbs, and adjectives. The vocabulary was compared with the British National Corpus for keywords. Subsequently, the keywords were employed for trigrams and qualgrams. The presented materials consisted of concordances pertaining to phrases. The results were analysed sentimentally. The top ten salient nouns, verbs, and adjectives included Myanmar, people, Rohingya, be, have, say, more, human, and international. Then, keywords were compared to the reference corpus to select significant trigrams and qualgrams produced by Myanmar, Rohingya, migrants, Bangladesh and humanitarian. Sentimental analysis was performed on 60 linguistics items. Referring to the findings, the nation of China had a neutral stance. The findings suggest that scholars and politicians may benefit from a more empirical approach to analysing a nation's stance, as opposed to relying solely on subjective interviews, as reported language can serve as a factual basis.

Keywords: China, corpus-driven, Rohingya refugees, sentimentality, vocabulary

#### 1. Introduction

As millions of individuals have been compelled to vacate their abodes and seek asylum and sanctuary in foreign territories, the contemporary global refugee crisis has engendered fervent debates and discussions among state leaders around the world (Field et al., 2021). Amidst the multifarious demographic cohorts impacted by the ongoing crisis, the Rohingya refugees hailing from Myanmar have been subjected to exceptionally dire predicaments. Against the aforementioned backdrop, the stance and policies adopted by various nations with respect to the Rohingya crisis carry significant weight (Kironska & Peng, 2021).

China, being a significant global force and a pivotal regional actor in Southeast Asia, wields considerable sway in moulding the dialogue and consequences pertaining to the Rohingya predicament (Yoshikawa, 2022). Although China is committed to resolving matters related to refugees, little is known about how this information is disseminated to the public through newspapers. Therefore, it is suggested that a study be conducted to investigate the interconnection between China's current refugee policy and the sentimentality portrayed by tabloids or newspapers in the public sphere.

To this end, the present study employs a corpus linguistics methodology with a corpus-driven research design to elucidate the salient vocabulary, phrases and sentiment utilised by China in connection with the Rohingya refugee crisis. Corpus linguistics is a research methodology that involves the systematic analysis of extensive collections of written or spoken language, commonly referred to as corpora (Alsuhaibani, 2022; Wong et al., 2023a). This approach aims to uncover valuable insights into the patterns, usage, and underlying ideologies of language. Through this approach, this study hopes to understand how words in the newspapers are used to enforce or reject the policy practised by China government. The research questions were:

- 1. What are the top ten salient nouns, verbs, and adjectives obtained from the collected corpus?
- 2. What is the sentimentality of the aforementioned salient vocabulary and phrases?

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#### 2. Literature Review

# 2.1 Rohingya Refugee Crisis

The year 2017 witnessed a marked increase in the level of violence, which in turn acted as a trigger for the most noteworthy surge of Rohingya displacement in contemporary times. The Myanmar military's severe crackdown, which has been marked by extensive accounts of extrajudicial killings, sexual violence, and arson attacks on Rohingya villages, has resulted in a mass migration of refugees towards neighbouring countries, particularly Bangladesh. The velocity and magnitude of the displacement posed a formidable humanitarian predicament, exerting immense pressure on the resources and capabilities of the host nations and global relief agencies (Ware et al., 2022).

The ongoing Rohingya refugee crisis has engendered pressing inquiries pertaining to the domains of human rights, ethnic strife, and statelessness (Kironska & Peng, 2021). The issue at hand presents notable complexities with regards to expeditiously furnishing humanitarian aid, guaranteeing the safeguarding of displaced persons, and tackling the underlying origins of the predicament (Ware et al., 2022). Moreover, the crisis bears significant implications for the stability of the region, given the neighbouring countries' struggles with accommodating the substantial influx of displaced Rohingya, while Myanmar confronts global censure for its handling of the Rohingya populace (Tan, 2021).

China's apprehension regarding the Rohingya crisis is substantiated by a multitude of factors. China's acknowledgment of the Rohingya crisis as a subject of concern emanates from its dedication as a signatory to the 1951 Refugee Convention. In accordance with international humanitarian principles, it is incumbent upon China to attend to the pressing predicament confronting refugees. Significantly, it is worth noting that the ongoing crisis in Myanmar and Bangladesh holds significance that extends beyond its local contexts. This is primarily due to the geographical proximity of these nations to China, thereby giving rise to regional implications that demand attention and cannot be disregarded. The substantial influx of Rohingya refugees and the consequent destabilisation in the region may give rise to diverse ramifications, encompassing potential security vulnerabilities and disruptions to trade and economic endeavours. In light of China's burgeoning influence and substantial investments in the region, it is imperative for the nation to assume a proactive stance in effectively addressing humanitarian crises, thereby safeguarding its esteemed reputation and credibility on the global stage. Moreover, in its capacity as a steadfast constituent of the United Nations Security Council, China bears the onus of fostering tranquilly, equilibrium, and the safeguarding of human rights, thereby accentuating the significance of its constructive involvement in the resolution of the Rohingya predicament.

# 2.2 Recent Rohingya Studies in China

Between 2013 and 2023, there have been around 34 studies conducted and published on this topic in China. Generally, those studies can be categorized into four themes with different objectives. Table 1 below elucidates the categories.

Table 1. Past themes

| Past themes                        | Researchers   |
|------------------------------------|---|
| Myanmar's geopolitics and politics | Han, 2021; Mostafanezhad et al., 2022; Xue, 2021; Morada, 2021; Mallick, 2020; Han, 2020;     |
|                                    | Houston, 2020; Kelemen & Turcs ányi, 2020; Park, 2020; Zin, 2020; Hussain, 2019; Taufiq,      |
|                                    | 2019; Casolari, 2018  |
| Human rights and democracy         | Rasul, 2022; Tan, 2021; Tieri, 2021b; Ghosal, 2013  |
| Rohingya Crisis                    | Hossain, 2023; Martel & Glas, 2022; Shi et al., 2022; Kamal & Kamal, 2022; Zahed, 2022;       |
|                                    | Karim, 2021; Tieri, 2021a; Uesugi et al., 2020; Palakodety et al., 2020a; Fink, 2019; Kipgen, |
|                                    | 2019; Fumagalli, 2018, Mallampalli, 2023; Malji, 2021   |
| Rohingva's Economy                 | Bennett & Faxon, 2021; Møller, 2021; Islam et al., 2018                                       |

This study provided a detailed examination of several pivotal themes relating to Myanmar, employing a critical analysis of existing research to deepen the understanding of each area. These themes included Myanmar's geopolitics and politics, human rights and democracy, the Rohingya crisis, and the economic conditions affecting the Rohingya population. The geopolitical and political landscape of Myanmar has been rigorously analysed by researchers, who have explored the complex interplay between national sovereignty and international pressure, the persistent ethnic conflicts, and Myanmar's strategic relationships with both neighboring countries and global powers. Notable scholars such as Han, (2021), Mostafanezhad et al. (2022); Xue (2021), Morada (2021), Mallick (2020), Han (2020), Houston (2020) Kelemen & Turcs ányi (2020) Park (2020), Zin (2020), Hussain (2019), Taufiq (2019), and Casolari (2018) have likely discussed the balancing act between influences from China and pressures from Western nations. These contributions provide a nuanced view of Myanmar's international positioning, though they may not fully represent the perspectives of local ethnic groups, including the Rohingya, within these political discussions.

The second theme addressed the serious challenges and criticisms concerning human rights abuses and democratic deficits in Myanmar. Works by authors like Rasul (2022) and Ghosal (2013) might emphasise the systemic violations and the responses from the international community. Tan (2021) and Tieri (2021b) could critique the effectiveness of international human rights frameworks in changing the realities on the ground in Myanmar. While these studies underscore the urgent need for robust democratic institutions, they might also overlook the complexities involved in implementing democratic reforms within a country traditionally dominated by military governance.

Regarding the Rohingya crisis, this remains a critical humanitarian issue, with scholars such as Hossain (2023), Martel and Glas (2022), Shi

et al. (2022), Kamal and Kamal (2022), Zahed (2022), Karim (2021), Tieri (2021a), Uesugi et al. (2020), Palakodety et al. (2020a), Fink (2019), Kipgen (2019), Fumagalli (2018), Mallampalli (2023), and Malji (2021) likely discussing the immediate human rights violations and the international legal ramifications.

Finally, the economic dimensions of the Rohingya's life are explored, focusing on aspects such as labor market integration and the economic contributions of the Rohingya in exile. Researchers like Bennett & Faxon (2021) and Møler (2021) have studied these issues, and Islam et al. (2018) might detail the economic impacts of displacement on both the Rohingya and their host communities. These analyses are vital for understanding the economic challenges faced by refugees, yet they frequently fail to fully capture the economic potential of the Rohingya, focusing more on immediate survival strategies rather than long-term economic integration.

Table 2. Research methods employed

| Research Instruments      | Researchers   |
|---------------------------|---|
| (Participant) Observation | Mostafanezhad et al., 2022, Kamal & Kamal, 2022,  |
| Geospatial Data           | Bennett & Faxon, 2021   |
| Survey                    | Shi et al., 2022  |
| Interviews                | Martel & Glas, 2022; Mostafanezhad et al., 2022; Kamal & Kamal, 2022; Zahed, 2022; Tan, 2021  |
| Document Analyses         | Martel & Glas, 2022; Mallampalli, 2023; Hossain, 2022; Rasul, 2022; Tan, 2021; Bennett & Faxon, 2021; Han, 2021; Karim, 2021, Tieri, 2021a; Bennett & Faxon, 2021; Xue, 2021; Malji, 2021; Morada, 2021; Mallick, 2020; Han, 2020; Park, 2020; Tieri, 2021b; Møler, 2021; Kelemen & Turcs ányi, 2020; Uesugi et al., 2020; Zin, 2020; Palakodety et al., 2020a; Fink, 2019; Kipgen, 2019; Hussain, 2019; Taufiq, 2019; Fumagalli, 2018; Casolari, 2018; Ghoshal, 2013 |
| Open Ended Questionnaire  | Islam et al., 2018  |

The decision to utilise the corpus method over other methodologies listed in Table 2 of the provided document necessitates a critical evaluation of the unique advantages corpus linguistics brings, particularly in the context of media discourse analysis. Observational methods, including direct and participant observation used by researchers such as Mostafanezhad et al. (2022) and Kamal & Kamal (2022), offer qualitative insights into behaviours and interactions within natural settings but suffer from observer bias and challenges in replicating conditions. In contrast, the corpus method allows for a more detached and replicable analysis across a vast array of documented interactions, making it ideal for systematic examination of media discourse.

Other methods such as geospatial data analysis, employed by Bennett & Faxon (2021), provide powerful spatial insights but fail to capture the linguistic nuances crucial for understanding media narratives and their impact on public perception and policy. Similarly, surveys and open-ended questionnaires, utilised by Shi et al. (2022) and Islam et al. (2018), though effective for gathering a broad range of responses, rely heavily on self-reporting and lack the linguistic depth necessary for media text analysis. Interviews, offering in-depth individual perceptions and utilized by researchers like Martel & Glas (2022), focus more on subjective experiences rather than the objective textual analysis essential for studying media language on a broader scale.

Document analysis, another common method, explores written materials to discern themes and patterns but often lacks the quantitative rigor and scalability afforded by corpus methods, which can systematically analyse larger volumes of text. Corpus linguistics not only provides this scalability but also introduces a quantitative rigor through statistical language analysis, enhancing the detection of patterns and trends that smaller-scale or manual studies might miss.

Additionally, corpus methods stand out for their replicability, reducing subjective interpretation and enhancing the reliability of findings, crucial for verifying research across studies. The integration with linguistic software tools like SketchEngine and Atlas.ti further facilitates detailed analyses such as keyword comparisons and sentiment analysis, providing deeper insights into how language frames issues. In conclusion, the corpus method was selected for its systematic, scalable, and replicable approach to language analysis across substantial text volumes, offering broad yet precise linguistic insights. This approach is particularly valuable in analyzing media representations, where the subtleties and patterns of language use are critical for interpreting media influence on public opinion and policy formulation.

#### 2.3 Corpus Linguistics, Sentiment Analysis and Rohingya Refugee

Corpus linguistics, as a research methodology, encompasses the meticulous examination of expansive compilations of written or spoken texts, commonly referred to as corpora (Brandenburg-Weeks & Abalkheel, 2021; Wong et al., 2023b, Wong et al., 2024). The primary focus of this field of study pertains to the examination and analysis of language patterns, frequencies, and usage. The overarching objective is to acquire a deeper understanding of linguistic phenomena and discourse through meticulous investigation.

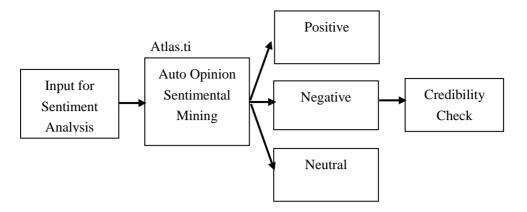


Figure 1. Theoretical framework (sentiment analysis)

Sentiment analysis, also known as sentiment classification, is a methodological approach employed within the domains of natural language processing, computational linguistics, and text mining. Its primary objective is to ascertain and discern the underlying sentiment or emotional tone that is implicitly conveyed within a given textual corpus. In recent years, a multitude of sentiment analysis models have been put forth by scholars in the field of human-computer interaction (Xu et al., 2023; D'Aniello et al., 2022; Tsai et al., 2022), information retrieval, and the analysis of multimodal signals (Cambria et al., 2017) across various domains, including but not limited to tourism, finance, and shopping. The study conducted by Hu et al. (2022) elucidates the viability and logicality of concurrently modelling emotion and cognition from a psychological perspective.

In accordance with the theoretical framework presented in Figure 1, the input data was subjected to sentiment analysis. In the context of this particular study, the salient vocabulary and phrases were duly identified and examined. Utilising the software tool Atlas.ti, automated sentiment analysis was performed on lexical expressions, classifying them into distinct categories of positivity, negativity, or neutrality. Prior to conducting a credibility assessment, the researchers engaged in a preliminary phase of manual opinion sentiment analysis. This involved scrutinizing the semantic connotations of the vocabulary and phrases that had been automatically categorised, thereby aiming to enhance the precision and accuracy of the subsequent findings. Finally, it is worth noting that these findings underwent a rigorous process of verification, as they were thoroughly examined and evaluated by a panel of three distinguished linguistics scholars, renowned for their expertise in the field.

In the context of the Rohingya issue, the application of corpus linguistics has been employed in two scholarly investigations (these studies however were not conducted in China as discussed in 2.2) to analyse the language and discourse pertaining to the aforementioned humanitarian crisis. The studies have made significant contributions to our comprehension of the manner in which the Rohingya crisis is portrayed, structured, and deliberated upon within diverse sources.

Houston (2020) undertakes a corpus analysis of the official discourse propagated by the government of Myanmar pertaining to the conflict in the region of Rakhine. The scholarly analysis posits that Myanmar can be characterised as a transitional state grappling with a tenuous grasp on political legitimacy. Furthermore, it asserts that the government's official narrative concerning the conflict in Rakhine ultimately falls short in effectively establishing a sincere departure from the preceding military regime. The present discourse posits that the governmental endeavours to reconcile national and international pressures, while concurrently assuming a neutral stance as an arbiter, manifest a betrayal of its accountability for the predicament faced by the Rohingya population. Furthermore, it contends that the efficacy of external pressure in influencing Myanmar's conduct shall be constrained.

In their scholarly endeavour, Palakodety et al. (2020a) posit an innovative methodology for the identification and discernment of comments that espouse support for the Rohingyas within the context of YouTube videos pertaining to the ongoing refugee crisis using corpus linguistic. The authors espouse the utilisation of artificial intelligence in discerning benevolent discourse with the aim of fortifying the internet's security for communities that have been historically marginalised. The paper introduces a considerable collection of YouTube video comments and employs a fusion of various Active Learning methodologies alongside an innovative active sampling strategy grounded in nearest-neighbours within the comment-embedding space. This approach is utilised to develop a classifier capable of identifying comments that advocate for the Rohingyas amidst a larger volume of derogatory and impartial comments. The aforementioned study culminates in the assertion that the suggested methodology possesses the potential to identify instances of assistance-oriented discourse in alternative scenarios.

2.4 Connecting Government Stance and Sentiment Played in the Public

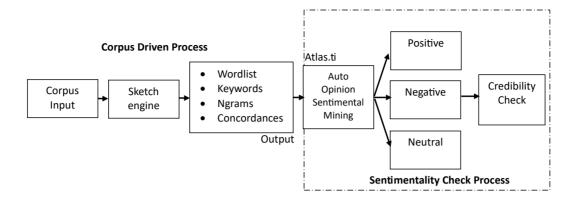


Figure 2. Conceptual framework

In order to establish a correlation between words and policy via sentiment analysis, a series of pivotal procedures must be executed. To commence, it is imperative for researchers to identify the source of the corpus under investigation. This input could derive from newspaper articles, letters, magazines, just to name few. Once the corpus data have been identified, they will be utilised as the fundamental basis for a meticulous analysis driven by the utilisation of SketchEngine. This analytical approach facilitates the generation of wordlists encompassing the ten (the number differs according to the objectives of the study) most prominent words according to the categories under investigation. The identification of keywords was also cross checked through a comparative analysis between the corpus and the reference corpus, namely the British National Corpus (BNC). The process involved in this study encompassed the identification and subsequent selection of comparable keywords from a pool of comparisons. These trigrams and qualgrams, which were derived from the keywords, were then utilised to generate concordances that are pertinent to the research at hand.

To evaluate sentiment, an examination was conducted on the noteworthy vocabulary and the top 5 ngrams that were identified. This analysis was carried out using Atlas.ti, a software tool that integrates automatic opinion-mining functionalities. This process will sort the words into their sentimentality categories. In order to uphold the utmost precision, a manual phase was undertaken, wherein three esteemed linguistic experts were engaged to authenticate the sentiment analysis. The ultimate outcomes were scrutinised in order to ascertain their congruity or disparity for the purpose of achieving the objectives of the study. The present comprehensive approach endeavours to establish a connection between the linguistic expressions found in media coverage and the official policy of China, thereby elucidating the sentiment conveyed in relation to the Rohingya crisis.

# 3. Method

# 3.1 Research Design

The present study utilised a mixed-method research method, as outlined by Creswell & Creswell (2018). The quantitative phase was initiated through the utilisation of a corpus-driven research design and SketchEngine as the corpus tool. The forthcoming presentation shall encompass a comprehensive analysis of the ten most prominent nouns, verbs, and adjectives, accompanied by their respective frequency (f), frequency per million, Document Frequency (DOCF), and Relative Document Frequency (Relative DOCF). The subsequent step entails the utilisation of keywords to facilitate a comprehensive comparison with a reference corpus, specifically the British National Corpus (BNC), in order to conduct further analysis on ngrams. The qualitative analysis was performed by means of scrutinising concordances for each salient vocabulary and phrase that was chosen during the concluding stage. Ultimately, the entirety of the noteworthy lexicon and expressions have been subjected to sentiment analysis, specifically evaluating positive, negative, and neutral orientations, employing the software tool Atlas.ti. However, a subsequent iteration of manual analysis is undertaken in order to further validate the sentimentality of the data.

# 3.2 News Sampling

The corpus pertaining to the Rohingya community was compiled by means of amassing a total of 78 newspaper articles, as reported by China Daily, spanning the period from 2012 to 2022. The search parameters utilised by the user pertained to the terms "Rohingya" and "China". The Rohingya corpus comprised a total of 28,162 tokens, 24,769 words and 1,013 sentences, which were deemed suitable for subsequent analysis, as mentioned by Chen et al. (2023), the minimum words for a corpus was 8,000.

# 3.3 Data Analysis Procedures

Firstly, the Sketchengine tool was executed. The aforementioned wordlist has yielded a selection of salient vocabulary. However, it is pertinent to note that solely the foremost decile of salient nouns, verbs, and adjectives have been taken into consideration. Frequency (f), frequency per million (henceforth, RF), document frequency (henceforth, DOCF) and relative DOCF were computed. The aforementioned vocabularies were subjected to a comparative analysis vis-àvis the British National Corpus, with the aim of identifying salient keywords. The selection process would entail the identification of the keywords that exhibit similarity and have surfaced within the top 10 salient vocabulary.

Subsequent to the collection of salient vocabulary, an analysis of n-grams was conducted. The investigation focused on analysing the top five salient trigrams and qualgrams with regard to their expansion and resemblances related to the salient vocabulary identified. According to Leech et al. (2014), it was deemed advantageous to utilise a total of five words on both the left and right sides of a given sentence in order to enhance the overall presentation of language. The aforementioned vocabulary and phrases were subjected to a semantic analysis using Atlas.ti. The stance exhibited can be categorised as either positive, negative, or neutral. A visual representation is presented herewith to facilitate comprehension.

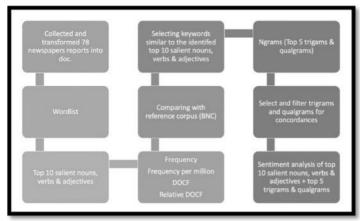


Figure 3. Data analysis procedures

# 3.4 Scopes of the Study

The scope of this study is confined solely to the examination of China Daily, thereby excluding any consideration of alternative newspapers or media sources. The objective at hand is to ascertain the extent to which linguistic alignment plays a role in shaping the newspaper's portrayal of China's position on the matter of Rohingya refugees. Table 3 below summarize the scope and parameter of this study.

Table 3. Scope and parameter of this study

| Scope     | Parameter               |  |
|-----------|-------------------------|--|
| Years     | 2012-2022 (78 articles) |  |
| Materials | Newspapers only         |  |
| Company   | China Daily             |  |
| Method    | Corpus analysis only    |  |

# 4. Results

4.1 Research Question 1: What are the Top Ten Salient Nouns, Verbs and Adjectives Obtained from the Collected Corpus?

The top 10 salient nouns, verbs, and adjectives have been delineated as follows. The frequency of their occurrences within the Rohingya corpus was computed, as follows;

Table 4. Top ten salient nouns

| Noun       | Frequency (f) | Frequency (f) per million | DOCF | Relative DOCF (%)) |
|------------|---------------|---------------------------|------|--------------------|
| Myanmar    | 235.00        | 8,344.58                  | 56   | 71.79              |
| people     | 139.00        | 4,935.73                  | 56   | 71.79              |
| Rohingya   | 135.00        | 4,793.69                  | 58   | 74.36              |
| country    | 121.00        | 4,296.57                  | 52   | 66.67              |
| migrants   | 99.00         | 3,515.38                  | 29   | 37.18              |
| Bangladesh | 96.00         | 3,408.85                  | 38   | 48.72              |
| government | 85.00         | 3,018.25                  | 40   | 51.28              |
| state      | 84.00         | 2,982.74                  | 38   | 48.72              |
| woman      | 81.00         | 2,876.22                  | 20   | 25.64              |
| year       | 80.00         | 2,840.71                  | 43   | 55.13              |

<sup>\*</sup>DOCF = Document frequency

In accordance with the analysis conducted, the salient nouns that emerged are as follows: *Myanmar, people, Rohingya, country, migrants, Bangladesh, government, state, woman,* and *year*. Among the observed frequencies, *Myanmar* exhibits the greatest magnitude, with a value of 235.00. It is worth noting that the terms *people, Rohingya,* and *country* exhibit a slightly elevated frequency range of 121.00 to 139.00 in comparison to other nouns. The aforementioned nouns are arranged in accordance with their RF occurrences, with *Myanmar* exhibiting the highest frequency, trailed by *people, Rohingya,* and *country*. Whilst *Myanmar* is a salient noun, its DOCF and relative DOCF are comparatively lower than that of *Rohingya*. This is evidenced by the fact that *Rohingya* is extensively featured in 58 newspaper articles, whereas *Myanmar* is only identified in 56 articles, akin to individuals. The noun *migrants* has been observed to feature prominently in 29 newspapers, ranking among the top 5 salient nouns with a frequency of 99.00. The gender noun *woman* stands as the sole identifier,

however, a mere 20 news reports have been discovered utilising said noun. Despite the fact that the term *year* is utilised extensively in 43 newspapers, its frequency of 80.00 is surpassed by that of another term, *woman*, which boasts a frequency of 81.00.

Table 5. Top ten salient verbs

| Verb     | Frequency (f) | Frequency (f) per million | DOCF | Relative DOCF (%)) |
|----------|---------------|---------------------------|------|--------------------|
| be       | 713.00        | 25,317.80                 | 77   | 98.72              |
| have     | 338.00        | 12,001.99                 | 69   | 88.46              |
| say      | 279.00        | 9,906.97                  | 66   | 84.62              |
| include  | 56.00         | 1,988.50                  | 32   | 41.03              |
| take     | 49.00         | 1,739.93                  | 30   | 38.46              |
| flee     | 36.00         | 1,278.32                  | 24   | 30.77              |
| make     | 35.00         | 1,242.81                  | 19   | 24.36              |
| come     | 35.00         | 1,242.81                  | 29   | 37.18              |
| do       | 32.00         | 1,136.28                  | 23   | 29.49              |
| displace | 30.00         | 1,065.27                  | 15   | 19.23              |

In response to this analysis, the most prominent verbs that have been identified are as follows: be, have, say, include, take, flee, make, come, do, and displace. The verb be exhibits the most frequent occurrence, with a frequency value of 713.00, and is observed in nearly all newspapers (77; 98.72%). The reason for its frequent usage lies in its ubiquitous nature as a verb within a wide range of sentences and contextual settings. The verbs have and say exhibit a notable frequency, with respective values of 338.00 and 279.00. Likewise, it is observed that they manifest in 69 (88.46%) and 66 (84.62%) newspapers. Upon scrutinising the remaining verbs, it is evident that the majority exhibit comparable frequency and DOCF. Within the context of the Rohingya, the verbs flee and displace hold significant relevance and are notably distinct as indicated by the table. The verbs flee and displace exhibit a frequency of 36.00 and 30.00, respectively. These frequencies were ascertained through an examination of 24 and 15 newspapers, respectively. The newspapers appear to centre their attention on the pertinent matters surrounding the fleeing and displacement of the Rohingya population on a global scale. Nevertheless, it is worth noting that certain verbs, namely be, have, and do, may not wield significant influence in the realm of sentiment analysis. Therefore, the aforementioned verbs are eliminated and substituted with the subsequent prominent verbs. The subsequent top ten salient verbs, following the application of a filtering process to the aforementioned three verbs, are presented herewith.

Table 6. Top ten salient verbs after filtration

| Verb     | Frequency (f) | Frequency (f) per million | DOCF | Relative DOCF (%) |
|----------|---------------|---------------------------|------|-------------------|
| say      | 279.00        | 9,906.97                  | 66   | 84.62             |
| include  | 56.00         | 1,988.50                  | 32   | 41.03             |
| take     | 49.00         | 1,739.93                  | 30   | 38.46             |
| flee     | 36.00         | 1,278.32                  | 24   | 30.77             |
| make     | 35.00         | 1,242.81                  | 19   | 24.36             |
| come     | 35.00         | 1,242.81                  | 29   | 37.18             |
| displace | 30.00         | 1,065.27                  | 15   | 19.23             |
| see      | 29.00         | 1037.23                   | 21   | 26.92             |
| find     | 29.00         | 1037.23                   | 19   | 24.36             |
| help     | 29.00         | 1037.23                   | 18   | 23.08             |

The three recently incorporated salient verbs (*see*, *find*, *help*) encompass the actions of perceiving, discovering, and aiding. The frequencies of 29.00 and 1037.23 are shared by these entities, with a frequency per million equivalent. The disparity in the distribution of their respective DOCF implies that *see* is employed more extensively in comparison to *find* and *help*.

Table 7. Top ten salient adjectives

| Adjective     | Frequency (f) | Frequency (f) per million | ency (f) per million DOCF |       |
|---------------|---------------|---------------------------|---------------------------|-------|
| more          | 76            | 2,698.67                  | 38                        | 48.72 |
| human         | 59            | 2,095.02                  | 31                        | 39.74 |
| international | 40            | 1,420.35                  | 18                        | 23.08 |
| other         | 39            | 1,384.84                  | 25                        | 32.05 |
| many          | 37            | 1,313.83                  | 26                        | 33.33 |
| last          | 32            | 1,136.28                  | 24                        | 30.77 |
| political     | 32            | 1,136.28                  | 14                        | 17.95 |
| first         | 28            | 994.25                    | 20                        | 25.64 |
| humanitarian  | 28            | 994.25                    | 13                        | 16.67 |
| ethnic        | 26            | 923.23                    | 15                        | 19.23 |

In line with the analysis conducted, the ten salient adjectives are as follows: *more, human, international, other, many, last, political, first, humanitarian,* and *ethnic. More* appears most frequently (f=76.00). The present study reveals that *more* has been identified in a total of 38 newspapers. The findings indicate a notable prevalence of comparative sentences within the corpus of 38 newspapers analysed, which were utilised to explicate matters pertaining to the Rohingya community. Subsequent to this, it has been observed that the adjectives *human* and *international* hold the second and third positions in terms of salience, with a frequency of 59.00 and 40.00, respectively. These adjectives have been identified in 31 and 18 newspapers, respectively. Upon analysing the data pertaining to the DOCF, it has been observed that a

greater number of newspapers, precisely 31, exhibit a heightened level of interest in human-centric issues. This is in contrast to the 18 newspapers that demonstrate a relatively more globalised perspective, with a greater emphasis on international matters. The frequencies of *last* and *first* are comparable, with values of 32.00 and 28.00, respectively. Additionally, the DOCF for *last* and *first* are 24 and 20, respectively. It is postulated that the newspapers employed numerical adjectives to denote the Rohingya predicament. It is of note that the adjectives *humanitarian* and *ethnic* have been identified in a mere 13 to 15 newspapers. These adjectives hold the 9th and 10th positions, respectively, in terms of salience, with a frequency of 28.00 and 26.00. It has been deduced that the newspapers do not place significant emphasis on the utilisation of these two adjectives within the Rohingya corpus.

BNC was chosen as the reference corpus for the purpose of identifying keywords. Upon analysis of the 100 keywords presented, it has been determined that the salient vocabulary identified includes *Myanmar*, *Rohingya*, *migrant*, *Bangladesh*, and *humanitarian* are significant. The aforementioned quintet of nouns has been subjected to n-gram analysis, specifically targeting top five trigrams and qualgrams.

Table 8. Top five trigams and qualgrams

| *************************************** | T.:                              | T         | 01                                    | T         |
|---|----------------------------------|-----------|---------------------------------------|-----------|
| Word                                    | Trigram                          | Frequency | Qualgram                              | Frequency |
|   | Myanmar and Bangladesh           | 9.00      | southeastern border with Myanmar      | 5.00      |
|   | in western Myanmar               | 7.00      | from Myanmar and Bangladesh           | 3.00      |
| Myanmar                                 | in Myanmar and                   | 6.00      | Rohingya Muslims from Myanmar         | 3.00      |
|   | from Myanmar and                 | 6.00      | persecution in Myanmar and            | 3.00      |
|   | Bangladesh and Myanmar           | 5.00      | Myanmar's domestic peace process      | 2.00      |
|   | Rohingya and Bangladeshi         | 6.00      | Arakan Rohingya Salvation Army        | 5.00      |
|   | Rohingya Salvation Army          | 5.00      | Rohingya and Bangladeshi migrants     | 5.00      |
| Rohingya                                | of the Rohingya                  | 5.00      | of Rohingya and Bangladeshi           | 3.00      |
|   | Arakan Rohingya Salvation        | 5.00      | Rohingya Muslims from Myanmar         | 3.00      |
|   | the Rohingya refugee             | 4.00      | A Rohingya Muslim illegal             | 3.00      |
|   | thousands of migrants            | 5.00      | Rohingya and Bangladeshi migrants     | 5.00      |
|   | migrants from Bangladesh         | 5.00      | migrants stranded at sea              | 3.00      |
| migrants                                | migrants from Myanmar            | 5.00      | illegal migrants from Bangladesh      | 3.00      |
|   | and Bangladeshi migrants         | 5.00      | migrants on board capsized            | 3.00      |
|   | hundreds of migrants             | 4.00      | of migrants from Myanmar              | 2.00      |
|   | Myanmar and Bangladesh           | 9.00      | close to Bangladesh's southeastern    | 5.00      |
|   | migrants from Bangladesh         | 5.00      | Bangladesh's southeastern border with | 5.00      |
| Bangladesh                              | Bangladesh and Myanmar           | 5.00      | to Bangladesh's southeastern border   | 5.00      |
|   | Bangladesh's southeastern border | 5.00      | Bengal close to Bangladesh's          | 3.00      |
|   | close to Bangladesh's            | 5.00      | from Myanmar and Bangladesh           | 3.00      |
|   | top UN humanitarian              | 2.00      |                                       |           |
| humanitarian                            | the humanitarian situation       | 2.00      | n/a                                   |           |
|   | international humanitarian law   | 2.00      |                                       |           |

The table above has presented the top five trigrams and qualgrams. It is noteworthy that the noun humanitarian is comprised of three trigrams and does not contain any qualgrams. Upon conducting a thorough screening and filtering process, the resulting output showcases a collection of phrases that are suitable for concordance analysis: Myanmar (in western Myanmar, Bangladesh and Myanmar, southeastern border with Myanmar, from Myanmar and Bangladesh, Rohingya Muslims from Myanmar, persecution in Myanmar and, Myanmar's domestic peace process), Rohingya (of the Rohingya, the Rohingya refugee, Arakan Rohingya Salvation Army, Rohingya and Bangladeshi migrants, Rohingya Muslims from Myanmar, A Rohingya Muslim illegal), migrants (thousands of migrants, hundreds of migrants, migrants stranded at sea, illegal migrants from Bangladesh, migrants on board capsized, of migrants from Myanmar, migrants from Bangladesh), Bangladesh (close to Bangladesh's southeastern border, Bengal close to Bangladesh's), and humanitarian (top UN humanitarian, the humanitarian situation, international humanitarian law).



Figure 4. Concordances related to Myanmar

Upon examination of the aforementioned concordances, it becomes patently evident that the noun *Myanmar* is utilised as a noun to denote both a sovereign state and a geographic locale. One could posit that the utilisation of language in reference to the Rohingya population primarily serves to relay unfavourable occurrences, employing words such as *killed, death, shadow, violence, uncertain, flee, poverty,* and *poor.* It is noteworthy that a total of four phrases exhibit a frequency below 4.00, while three phrases demonstrate a frequency of 5.00 and above. The Rohingya Muslims hailing from Myanmar and Bangladesh have been a subject of extensive media coverage owing to the persecution they have faced in Myanmar. Various newspapers have reported on this issue. It is of academic interest to note that the domestic peace process of Myanmar has been identified twice in a certain newspaper. The recurrence of the issue in question may be attributed to the domestic tranquilly that was reported on the aforementioned day, thereby prompting the author to reiterate it.



Figure 5. Concordances related to Rohingya

Upon analysing the concordances presented, it is evident that the noun *Rohingya* is frequently collocated with various nouns, including but not limited to *refugee*, *army*, *migrants*, and *Muslims*. Primarily, it is utilised to document the unfavourable occurrences encountered by individuals, as evidenced by the utilisation of vocabulary such as *abuse*, *oppression*, *repatriation*, *badly*, *attackers*, *terrorist* and *illegal* in various newspapers.

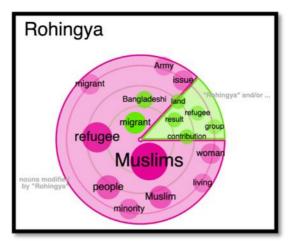


Figure 6. Visualisation of Word Sketch: Rohingya

With reference to the aforementioned figure, it is evident that the nouns that are modified by the vocabulary *Rohingya* bear resemblance to the concordances. The evidence suggests that the nouns *Muslims* and *refugee* are frequently employed in conjunction with *Rohingya*. Thus, it can be observed that China Daily predominantly enlisted individuals belonging to the Rohingya Muslim community, as well as those who have sought refuge as Rohingya refugees, to serve as nouns for their newspapers. The aforementioned analysis reveals that the words associated with the Rohingya issue encompasses a set of nouns, namely *migrant*, *Bangladeshi*, *land*, *result*, *refugee*, *group*, and *contribution*. The collocation of *migrant* and *Bangladeshi* is frequently observed in conjunction with *Rohingya*, as evidenced by the concordances.



Figure 7. Concordances related to Migrants

Based on the concordances, one may infer that the migrants originate solely from Bangladesh and Myanmar. They are commonly known as the Rohingya. The word *illegal* connotes a lack of lawful entry into any given nation-state. The plight of those who find themselves famished and marooned in the vast expanse of the ocean has captured the attention of the global community. Each of the aforementioned phrases was discerned from distinct newspapers. The veracity of the reported figure of 110 undocumented migrants appears to be substantiated by the fact that two distinct newspapers have independently corroborated this numerical value. The newspapers primarily delineated the various challenges and hardships encountered by the Rohingya community.

psized in the Bay of Bengal near Shah Porir Island in Teknaf <mark>close to Bangladesh's southeastern</mark> border with Myanmar, leaving an unknown number of people 110 illegal migrants on board capsized in the Bay of Bengal close to Bangladesh's southeastern border with Myanmar on Wednesday, leaving some 99 people nsized in the Bay of Bengal near Shah Porir Island in Teknaf close to Bangladesh's southeastern border with Myanmar leaving an unknown number of people icked with Rohingya refugees capsized in the Bay of Bengal <mark>close to Bangladesh's southeastern</mark> border with Myanmar, said an official here on Tuesday. d capsized early Wednesday in the Bay of Bengal close to Bangladesh's southeastern border with Myanmar, leaving some 87 people missing, an official said. ne Bay of Bengal near Shah Porir Island in Teknaf close to Bangladesh's southeastern border with Myanmar, leaving an unknown number of people missing. migrants on board capsized in the Bay of Bengal close to Bangladesh's southeastern border with Myanmar on Wednesday, leaving some 99 people missing ne Bay of Bengal near Shah Porir Island in Teknaf close to Bangladesh's southeastern border with Myanmar, leaving an unknown number of people still missir Robingva refugees capsized in the Bay of Bengal close to Bangladesh's southeastern border with Myanmar said an official here on Tuesday //s>s>Hayat Ib oard capsized early Wednesday in the Bay of Bengal close <mark>to Bangladesh's southeastern borde</mark>r with Myanmar, leaving some 87 people missing, an official 🛭 in the Bay of Bengal near Shah Porir Island in Teknaf close to Bangladesh's southeastern border with Myanmar, leaving an unknown number of people missin egal migrants on board capsized in the Bay of Bengal close to Bangladesh's southeastern border with Myanmar on Wednesday, leaving some 99 people missi in the Bay of Bengal near Shah Porir Island in Teknaf close to Bangladesh's southeastern border with Myanmar, leaving an unknown number of people still mi vith Rohingya refugees capsized in the Bay of Bengal close to Bangladesh's southeastern border with Myanmar, said an official here on Tuesday,√/s≫s>Haya eal migrants on board capsized early Wednesday in the Bay of Bengal close to Bangladesh's southeastern border with Myanmar, leaving some 87 people misorboat with 110 illegal migrants on board capsized in the Bay of Bengal close to Bangladesh's southeastern border with Myanmar on Wednesday, leaving some er a boat packed with Rohingya refugees capsized in the Bay of Bengal close to Bangladesh's southeastern border with Myanmar, said an official here on Tues

Figure 8. Concordances related to Bangladesh

Based on the aforementioned concordances, it is plausible to construct a lengthier phrase: Bay of Bengal close to Bangladesh's southeastern border with Myanmar. It has been observed that a limited number of newspapers, specifically newspapers numbered #2, #3, and #68, have reported the usage of the aforementioned phrase in their news coverage. The data presented indicates that during the specified timeframe, the aforementioned trio of newspapers covered incidents pertaining to the Rohingya community transpiring in the Bay of Bengal. The utilisation of the aforementioned phrase is indeed intriguing, particularly in light of the fact that no other newspapers had employed it. The data suggest that the occurrences that transpired within the Bay of Bengal hold considerable significance.

s>Suffering at Myanmar's Muslim camps is 'appalling' A top UN humanitarian official said on Tuesday she witnessed "appalling conditions" a displaced ethnic groups in Myanmar UNITED NATIONS - The top UN humanitarian office has called for attention to the plight of internally displace an said </s> 13, also stressed the importance of taking more steps to address the humanitarian situation in Rakhine state, as well as measures to support the civil and politi was used by the armed forces in some cases in disregard with international humanitarian law ."</s>s>Suu Kyi said the Myanmar army only intervened umanitarian workers and facilities, are clearly prohibited under international humanitarian law and must be stopped immediately, Griffiths said.</s>

Figure 9. Concordances related to Humanitarian

It is noteworthy that the noun humanitarian lacks any qualgrams, as per the available information. The presentation encompassed concordances of three trigrams. The aforementioned incidents exhibited a parallelism in their manifestation, specifically a frequency of 2.00 in distinct newspapers. The acronym UN is commonly understood to refer to the esteemed international organisation known as the United Nations. The present concordances serve to indicate the interferences of the humanitarian office with regard to the Rohingya situation. Furthermore, it is noteworthy that the principles of humanitarian law were implemented in the context of the Rohingya situation. In a broader sense, it may be posited that the United Nations in Myanmar maintains a semblance of humanitarianism rather than exhibiting authoritarian tendencies.

4.2 Research Question 2: What is the Sentimentality of the Aforementioned Salient Vocabulary and Phrases?

The table below presents the proposed sentimentality of salient nouns, verbs, adjectives, trigrams and qualgrams presented above by Atlas.ti.

Table 9. Words, phrases and their sentimentality

| Words/Phrases   | Sentimentality |
|---|----------------|
| help, find, humanitarian, Myanmar's domestic peace process, Arakan Rohingya Salvation Army, top UN        | Positive (8)   |
| humanitarian, the humanitarian situation, international humanitarian law                                  |                |
| Myanmar, people, Rohingya, country, migrants, Bangladesh, government, state, woman, year, be, have,       |                |
| say, see, include, take, make, come, do, more, human, international, other, many, last, political, first, |                |
| ethnic, in western Myanmar, Bangladesh and Myanmar, southeastern border with Myanmar, from                | Neutral (45)   |
| Myanmar and Bangladesh, Rohingya Muslims from Myanmar, of the Rohingya, Rohingya and                      |                |
| Bangladeshi migrants, Rohingya Muslims from Myanmar, thousands of migrants, hundreds of migrants,         |                |
| illegal migrants from Bangladesh, of migrants from Myanmar, migrants from Bangladesh, close to            |                |
| Bangladesh's southeastern , Bangladesh's southeastern border with, to Bangladesh's southeastern border,   |                |
| Bengal close to Bangladesh's  |                |
| flee, displace, persecution in Myanmar and, the Rohingya refugee, A Rohingya Muslim illegal, migrants     | Negative (7)   |
| stranded at sea, migrants on board capsized   |                |

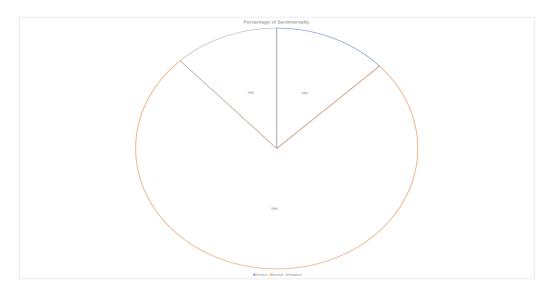


Figure 10. Percentage of sentimentality

Upon completion of the analysis, the researchers determined that most of the vocabulary (75%) and phrases scrutinised exhibited a neutral affective valence. Merely 13% of the vocabulary and phrases were identified as possessing affirmative connotations, while 12% of the vocabulary and phrases were classified as negative. The analysis of the gathered texts indicates that China's stance on the Rohingya matter does not manifest any overtly favourable or unfavourable disposition. The statement connotes a dearth of robust affective or appraising stance on the part of China.

It is imperative to acknowledge that the present findings are circumscribed to the linguistic scrutiny undertaken in the research manuscript. The insights pertaining to the underlying political or diplomatic motives of China with respect to the Rohingya refugee crisis are not provided. The linguistic neutrality exhibited in the discourse emanating from Chinese sources may indicate a desire to uphold an equitable or tactful position. However, additional inquiry and scrutiny are imperative to gain a more profound comprehension of China's authentic policy or conduct concerning the Rohingya predicament.

# 5. Discussion

The Rohingya refugee crisis has resulted in the displacement of over one million individuals and drawn significant global media attention. While sentiment analysis of media coverage provides valuable insights into global perceptions of the crisis, understanding these perceptions necessitates a critical contextualisation within broader political, cultural and geopolitical frameworks. This discussion integrates these dimensions and critically assesses methodological variations across sentiment analyses.

Political and cultural contexts significantly influence sentiment patterns regarding the Rohingya crisis. Myanmar's domestic political landscape, particularly the deeply entrenched ethno-nationalism and anti-Muslim sentiments, has profoundly shaped public discourse. Scholars such as Lee (2019) underscore the role of Myanmar's state media in systematically dehumanising the Rohingya. It uses derogatory labels and framing them as threats to national sovereignty and security. This strategic framing normalised violence against the Rohingya. It effectively mobilises public support for oppressive state policies. Moreover, Kironska and Peng (2021) highlight how influential Buddhist religious leaders reinforced these narratives. Thereby, they culturally legitimise exclusionary policies. These internal factors underscore the critical need to interpret sentiment analysis results within the broader context of state-driven ethno-political agendas.

Furthermore, geopolitical interests significantly shape international narratives around the crisis. China's substantial economic investments in Myanmar, notably the Kyaukphyu deep-sea port and various energy projects integral to the Belt and Road Initiative, necessitate a diplomatic approach prioritising regional stability over humanitarian accountability (Swadhin, 2024). Consequently, Chinese media narratives strategically avoid criticising Myanmar. It emphasises stability, sovereignty and anti-terrorism measures rather than human rights violations. Kironska and Peng (2021) notes that China's official communications have actively reframed the Rohingya issue from a human rights crisis into a security matter. They downplay humanitarian abuses to protect bilateral economic and diplomatic interests. This calculated neutrality, consistently reflected in Chinese state media like China Daily, illustrates how geopolitical strategies can strongly influence media sentiment, shaping public perceptions to align with national interests.

The methodological frameworks applied in sentiment analysis studies further explain variations observed across different past studies. Studies employing automated sentiment analysis methods, such as Al-Zaman and Rashid (2024), provide extensive quantitative insights. They highlight how media in countries like the United States and the United Kingdom predominantly employ negative sentiment. They frame the Rohingya situation as a humanitarian and moral crisis. In contrast, the media in Asian host countries such as Bangladesh and Malaysia portray complex narratives that oscillate between compassion and burden-framing. They are driven largely by socio-economic strains and security fears in host communities (Das et al., 2022; Ehmer & Kothari, 2021). Such methodological divergences ranging from

corpus selection (news versus social media), sentiment categorisation approaches (manual coding vs. automated machine learning models) and analytical techniques (lexical versus algorithmic analyses) produce varied results that can complicate direct comparative interpretations.

In examining specific comparisons with other scholarly studies, notable convergences and divergences emerge, Roe (2021), Nahar (2020), Samsi (2019) and Palakodety et al. (2020b) consistently identified certain salient terms such as Myanmar, Rohingya, and Bangladesh. They highlighted these as key lexicons essential for accurately framing the crisis. Such convergent findings underscore the linguistic necessity of including specific nouns that accurately describe the refugee crisis. Conversely, unique vocabulary such as "fleeing" and "government," highlighted explicitly by Samsi (2019), indicates how different corpora selection can yield distinct focal points within sentiment analyses. It emphasises varied narrative emphases reflective of particular events or temporal frames. Samsi's corpus, derived from BBC News and Jakarta Post articles, specifically foregrounded themes of escape and government response. It demonstrates how methodological differences in corpus selection influence narrative emphasis and sentiment outcomes.

Expanding on these methodological issues, comparative analysis with Hassan (2022) reveals further contrasts in sentiment findings across platforms. His analysis of Facebook comments yielded notably more polarised results. They are characterised by highly negative anti-Rohingya sentiments. It reflects how social media's anonymity fosters more extreme rhetoric compared to official news outlets like China Daily or BBC News, which must maintain diplomatic decorum and official neutrality. Similarly, Fournier-Tombs and Hendricks (2021) observed predominantly neutral Twitter sentiment towards Rohingya refugees. They suggested that different social media platforms host diverse user demographics whose expressions of sentiment vary in accordance with platform norms, accountability structures and user demographics. This divergence across platforms indicates the importance of clearly delineating corpus characteristics and considering the implications of platform selection on sentiment analysis outcomes.

Moreover, a critical observation from comparative studies is that ostensibly negative sentiments carry distinct meanings depending on the narrative context. Western media outlets, for example, often use negative sentiment to criticise Myanmar's government actions. They highlight humanitarian abuses against the Rohingya. Conversely, negative sentiment in Myanmar's domestic media targets the Rohingya community itself. It frames them as provocateurs or illegitimate outsiders. These nuanced differences underscore the limitations of purely computational sentiment analysis techniques, which may fail to capture underlying framing and contextual implications. As such, hybrid methodologies integrating qualitative content analysis with automated natural language processing techniques, such as those employed by Arifin et al. (2024) and Ehmer & Kothari (2021), may provide more accurate representations of the complex interplay of sentiment, framing, and political context.

Furthermore, international media narratives illustrate significant geopolitical biases shaped by diplomatic alliances and interests. Western media outlets, for instance, extensively report Rohingya victimhood and humanitarian abuses. They frequently invoke terms such as genocide to galvanize international condemnation and policy responses. This framing contrasts sharply with the narratives in regional media influenced by geopolitical realities. India and China, driven by strategic interests in Myanmar, typically adopt restrained media language that refrains from overt condemnation. They prioritise diplomatic engagement and economic cooperation over vocal humanitarian advocacy. This variation in international media responses emphasizes how geopolitical calculations shape narrative frames, subsequently influencing global public sentiment.

Finally, the broader literature indicates that media sentiment not only reflects prevailing political and cultural narratives but actively constructs public attitudes toward the Rohingya crisis. Studies such as those by Al-Zaman and Rashid (2024) and Irom et al. (2022) confirm the dominance of negative sentiment globally but also highlight critical divergences driven by national contexts, political agendas and methodological approaches. Sentiment analysis thus serves as both an analytical tool and a barometer reflecting broader cultural biases, political strategies and diplomatic imperatives.

In conclusion, the sentiment analysis of the Rohingya refugee crisis transcends simplistic polarity assessments. It demands critical engagement with political, cultural and diplomatic contexts that drive global perceptions. The convergence and divergence across studies underscore the complex interplay between geopolitical interests, national media practices, cultural narratives, and methodological choices. Future research would benefit from integrated methodologies combining quantitative and qualitative techniques and contextualised within robust theoretical frameworks, to better capture the nuanced dynamics shaping global sentiments toward humanitarian crises.

#### 6. Conclusion

The present study investigated the alignment of newspaper language concerning China's stance on the Rohingya refugees, utilizing a corpus linguistics analysis of data from Chinadaily. It found that China's media portrayal is governed by principles of non-interference and sovereign equality, promoting a neutral stance that underscores the need for peaceful dialogue and consultation in resolving regional conflicts. These insights are expected to augment the existing literature by providing fresh perspectives on how China's approach to international humanitarian assistance might contribute to global peace and stability. Academically, the research enhances the field of media discourse analysis by deploying sophisticated tools like Sketchengine and Atlas.ti to scrutinize linguistic patterns in Chinese media's representation of the Rohingya issue. This methodological advancement offers a reliable and replicable framework for future investigations, which could be applied across various geopolitical contexts to explore the impact of media representation on national policy perceptions and international relations. For policymakers and international relations experts, the study provides nuanced insights into China's diplomatic posture as reflected in state-controlled media, which not only mirrors China's foreign policy strategies but also serves as a tool of soft power, influencing both domestic and international perceptions. Moreover, the study advocates for an empirical,

data-driven approach to the analysis of national stances on international issues, moving away from more subjective methodologies such as interviews. This shift is pivotal for achieving less biased and more substantiated interpretations, which are essential for informed policymaking and effective international dialogue. The societal implications of this research are profound, underscoring the media's role in shaping public perceptions, particularly in contexts involving humanitarian crises. It highlights the necessity of media literacy, enabling the public to critically assess news content and recognize biases, particularly in environments dominated by state-controlled media. However, the study recognizes its limitations, primarily the narrow scope of the corpus used, which may not completely encapsulate the complexity of China's public communications. Future research should expand to include a more diverse range of media sources and possibly multilingual materials. Longitudinal studies could further reveal shifts in China's diplomatic language over time, deepening the understanding of its evolving foreign policy and its ramifications for international humanitarian efforts. In conclusion, this study not only illuminates the strategic narratives China employs regarding the Rohingya crisis but also lays the groundwork for more extensive future research that could guide more effective international responses and interventions in global humanitarian issues.

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#### Authors' contributions

Dr. Chen Minjie and Dr. Wong Wei Lun were responsible for study design and revising. Dr. Warid Mihat was responsible for data collection. Liu Jing drafted the manuscript and Dr. Henri E. Lemana II revised it. All authors read and approved the final manuscript.

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# **Competing interests**

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

#### Informed consent

Obtained

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The Publication Ethics Committee of the Sciedu Press.

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The data that support the findings of this study are available on request from the corresponding author. The data are not publicly available due to privacy or ethical restrictions.

# Data sharing statement

No additional data are available.

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