

Sentiment Analysis of Twitter Netizens on Hashtag #Gitasav towards Childfree Opinion Using Social Network Analysis

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Abstract: The problems of people with disabilities are part of the global humanitarian problem. People with disabilities have limitations in social communication with the surrounding environment. The aim of this research is to explain inclusive communication for people with disabilities in creating harmony in social life. The research used a literature review type by reviewing 50 research articles on disability. The research results found that there are three categories of disabilities, namely physical, sensory, and intellectual disabilities. Physical disabilities include congenital paralysis, amputation, or similar. Sensory disabilities include blindness, deafness, and inability to speak. Intellectual disabilities include autism or syndrome, depression, anxiety disorders, and schizophrenia. These limitations that people with disabilities have give rise to social pressure, inequality and even social discrimination. Inclusive communication plays a role in bridging the gap between people with disabilities and their social environment. Inclusive communication brings equality in social communication and supports the point of view of people with disabilities. Inclusive communication maintains self-openness for people with disabilities with empathy without prejudice, tolerance without intervention, and respect without degrading them.

Keywords: disability; limitations; diversity; harmony; inclusive.

Abstrak: *Childfree telah menjadi sebuah perbincangan yang hangat khususnya di media sosial masyarakat Indonesia. Pernyataan Gita Savitri yang kontroversial mengenai keputusannya untuk childfree yang diunggah di video reels Instagram pribadinya mengundang perhatian netizen Indonesia yang akhirnya menjadi trending di twitter. Menurut Gita Savitri childfree merupakan rahasia awet muda dirinya dan yang memiliki anak banyak dapat membuat wanita terlihat lebih tua. Tujuan dari penelitian ini adalah mengetahui sentiment netizen terhadap pernyataan Gita Savitri pada media sosial Twitter. Penelitian ini menggunakan metode SNA atau Social Network Analysis dengan menggunakan aplikasi berbasis web yaitu Netlytics.org. Hasil penelitian ini menunjukkan bahwa menunjukkan adanya sentiment positif dalam pernyataan childfree membuat wanita terlihat lebih awet muda. Beberapa netizen ada yang mendukung statement tersebut namun tak banyak juga yang menyatakan tidak setuju. Terdapat 10 akun yang banyak direspon tweetnya seperti @hoshii071, @strategi_bisnis, @bemynotomymn, @fakhta, @thisisreparo, @footycinephile, @fikfinicky990, @yogisuprastrian, dan @mufalbania. Oleh karena itu, pada artikel ini akan dibahas mengenai sentiment netizen terhadap pernyataan Gita Savitri mengenai childfree membuat wajah terlihat awet muda.*

Kata kunci: *Gitasav, Childfree, Awet Muda*

A. Introduction

The world is experiencing rapid development day by day. One of the developments that can be said to be very useful for the life of society is the development of technology. In ancient times,

humans had great difficulty communicating with other humans, but with the development of technology, various innovations in communication technology have emerged. Social media is currently used as one of the places for people to communicate with each other or express their opinions. (Sabily et al., 2019). (Fitriyyah et al., 2019). The opinions on social media sometimes cause sentiment as well as pros and cons among netizens (Nursiyono & Chotimah, 2021).

As one part of biological beings, humans naturally have the desire to continue their lineage. Based on the beliefs in the teachings of religion that are generally believed by humans, it teaches that humans are basically created in pairs, namely men and women who will be bound by a marriage vow (Siswanto & Neneng Nurhasanah, 2022). Indonesia itself is a country that has a birth rate or total fertility rate of 2.26%, in addition there is also data that states that 93% of Indonesians have the belief that children are one of the things that are highly desired in marital status (Fadhilah, 2022) Along with the advancement of human culture, it triggers the emergence of various problems. Even these problems often cause debates between humans. One of the topics that has recently been hotly discussed by the Indonesian people is related to childfree. Childfree is a view held by an individual or a certain couple who have the belief not to want the presence of children in their lives. Thus, in this article, the context of childfree in question is childfree with an element of intentionality desired by an individual or a certain couple.

Netizens are known to be busy discussing this childfree context due to being triggered by a youtuber named Gita Savitri and her husband Paul Andre who announced to choose childfree. She even also explained the main reason for making the decision, namely because she felt comfortable with her husband and had no desire to become a mother. In Indonesia itself, communities have begun to emerge that are used to accommodate people who choose to be childfree. Of course, the emergence of this childfree movement is very contrary to the culture that has existed in Indonesia for a long time. With the contradiction of the childfree understanding with Indonesian culture, it is certainly the main reason for the emergence of Twitter netizen sentiment. This sentiment can be seen by the emergence of the hashtag #Gitasav which once occupied the trending Twitter some time ago. Not a few netizens expressed their opinions of agreement or disagreement through the hashtag. This is very interesting to discuss further, therefore the researcher will write a study with the title "Sentiment Analysis of Twitter Netizens Using Social Network Analysis on Hashtag #Gitasav Against Childfree Opinion as Natural Anti-Aging".

B. Methods

This study uses a mixed method research method that combines two qualitative and quantitative methods in one study (Creswell, 2010). The quantitative method is used to measure the statistics of communication networks at the micro level by looking at the actors in the campaign of Twitter netizens' responses to Gita Savitri's statement that childfree is a way to stay young. While the macro level is used to measure the network structure that includes modularity, centralization, diameter, density and reciprocity (Eriyanto, 2014).

Meanwhile, the qualitative method is used to explain the social network and the network structure through text analysis obtained from the results of data collection from the Netlytics.org platform. The design of this study is descriptive, which will later provide an overview of a topical problem that is happening accurately, factually, with an emphasis on the population or object without linking it to the relationship between variables (Krisyantono, 2007).

So in this study, the researcher focuses on the responses of netizens on Twitter regarding Gita Savitri since 2023. In this analysis, the researcher uses the Netlytics application, which is a web-based software that collects publicly available data from social media sites such as Twitter that helps researchers to visualize and analyze communication networks using SNA.

C. Results and Discussion

The news of Gita Savitri Devi's decision to adopt childfree or not have children even though she is married has received a lot of attention from Twitter netizens. This started from answering a comment from one of the netizens who praised her youthful face on the Instagram account gitasav. The reason given by gitasav and her husband stated that they were childfree had been discussed and not something sudden, even their families supported the decision. In this study, the researcher focused on looking at the netizens' responses to the opinion given by gitasav. Data was taken using Netlytics.org with the data taken being the result of interactions on Twitter with a time span of 1-10 April 2023. In that time span, Netlytic.org tier 2 recapitulated as many as 1000 datasets and 2,765 unique posters with the following frequency.

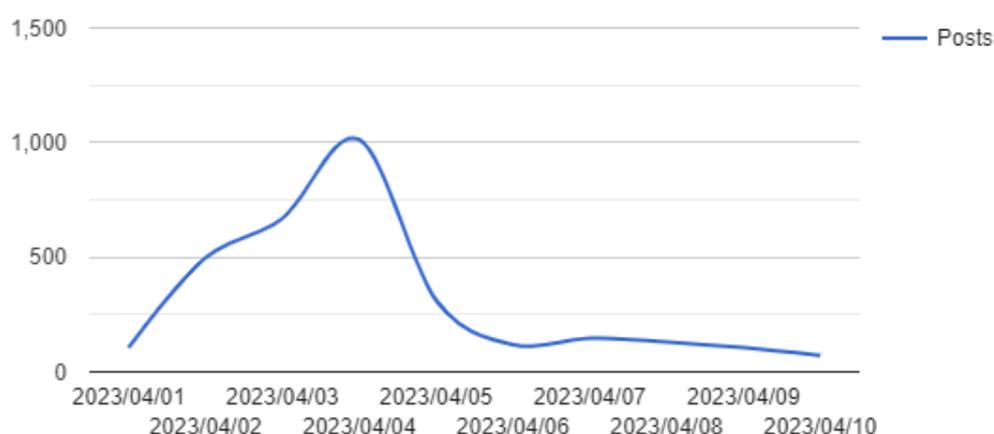


Figure 1. Frequency of Netizen Responses
Source: Data Processing with Netlytic, 2023

The graph in figure 1 shows the frequency of netizen responses on Twitter when gitasav gave an opinion on her Instagram account about childfree. Judging from the graph of the netlytic results, this discussion lasted only a few days from March 1-10, 2023 and when it reached the peak of tweets on the second day, March 2, until it declined on March 5, there were 497 posts, 669 posts, 1,013 posts, 313 posts respectively from the keyword "Gitasav" in Netlytic.org.

The network structure involves actors and relationships among all actors in the network. A cluster is a group of densely connected nodes (actors) that are more likely to communicate with each other than nodes outside the cluster. The smaller the diameter number in the network, the shorter the distance, so the actors will be easier to communicate (Utami et al., 2021) There are clusters of actors that emerge from all the tweets that are caught in the Netlytics analysis. The following figure shows the network pattern and distribution of netizen comments on the news of gitasav's opinion in adopting childfree as a natural anti-aging.

In figure 2, five large clusters consist of many nodes and are centered on several dominant actors. The same color on each node indicates that the actors are in the same cluster. This shows that there is an interaction in the form of replies from community members to tweets from public profiles and influencers. Some of the centralized clusters can be seen located at the center of the network. In addition, there are also small clusters that spread around the large clusters. The pattern of spreading small clusters indicates the existence of free interaction where community members post tweets and give replies on their own initiative and are not initiated by dominant actors on the network.

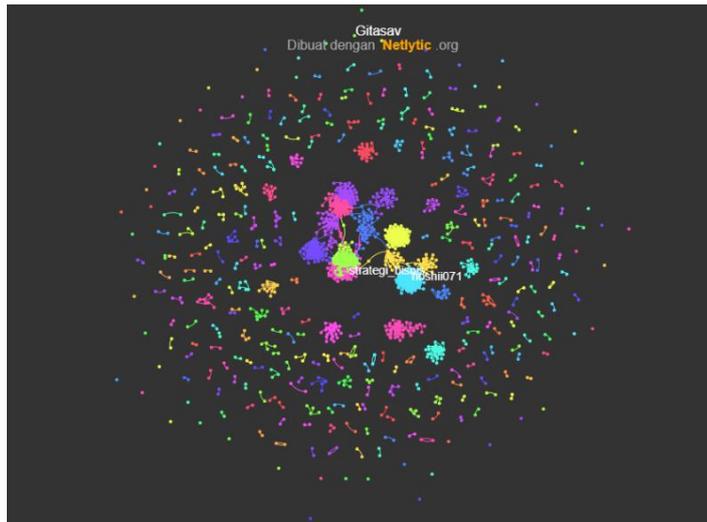


Figure 2. Distribution of Netizen Response Clusters to News of Gitasav's Opinion
Source: Data Processing with Netlytic, 2023

The news of gitasav apparently received attention from Twitter users who expressed their opinions on netizen comments. The extent of dissemination and the level of effectiveness of a message presented digitally can be seen through the network structure in Netlytic.com.

Analysis	Data
Diameter	6
Density	0.000509
Reciprocity	0.035360
Centralization	0.060260
Modularity	0.920800

Table 1. Network Structure

Source: Data Processing with Netlytic, 2023

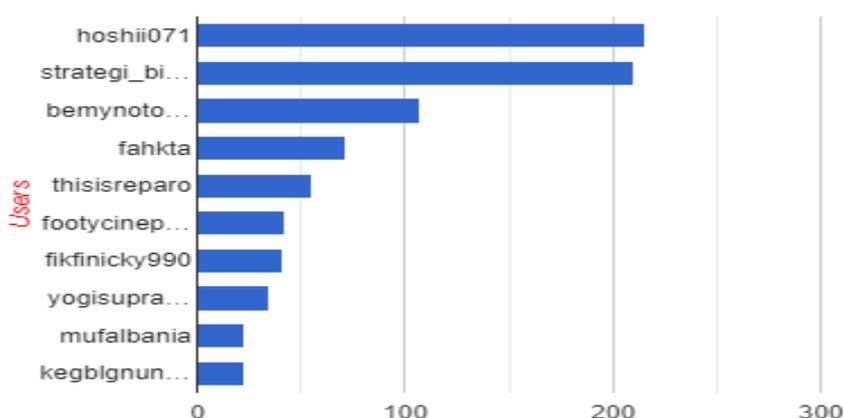
In table 1, the network structure shows that the network diameter has a fairly high value of 6. Diameter is the range of actors in a network. The smaller the diameter number in the network, the shorter the distance, so the actors will be easier to communicate with each other. This shows that the discussion about the news of gitasav's opinion in adopting childfree is a network with a wide spread of discussion and sparks Twitter netizens to interact with each other.

The analysis of density and reciprocity on the network of gitasav's opinion in adopting childfree are 0.000509 and 0.035360 respectively. Density is the comparison of a network that shows the intensity of actors in communicating, while reciprocity is the proportion of ties that indicate two-way communication or reciprocal ties by actors (Fitriyah & Kamilah, 2022). The density and reciprocity values are close to 0, indicating that the interactions among the actors in the issue are very minimal. In addition, the actors only interact in one direction with mention and retweet activities. Whereas two-way interactions with responding to tweets do not occur between dominant actors (Rizali Rakhman et al., 2021). The analysis of the centralization aspect on the analysis of the problem above has a relatively low value of 0.060260.

Centralization is the depiction of concentration in a communication network on several actors. This shows that the news of gita savitri's opinion in adopting childfree does not occur centralization or is not centered on certain actors only, this also affects their personal opinions. This also has an impact on the high modularity of 0.920800. Modularity determines whether the clusters found can represent communities in different networks (Akbar et al., 2022). A modularity value below 0.5 means that the clusters found on Netlytic are a core group of nodes. A modularity

value of 0.920800 indicates that there are many dominant actors on the topic of news of gitasav's opinion in adopting childfree.

Based on the data, it shows that the tweets driven by the actors about the news response were able to drive the digital opinion of Twitter users. So many Twitter users gave replies to the tweets of the actors who were of concern. But the actors who emerged gave responses need to be looked at further by looking at influential accounts. Influential accounts can be seen from the output of Figure 3. Top 10 Users (based on In-degree centrality). Nodes or actors who have high indegree centrality values illustrate that the actor is often mentioned, retweeted, or replied to his tweet. In succession, 10 accounts whose tweets were widely responded to were @hoshii071, @strategi_bisnis, @bemyonotomymin, @fakhta, @thisisreparo, @footycinephile, @fikfinicky990, @yogisuprastrian, @mufalbania, and @kegblgnunfaedh. These accounts have Twitter usernames that mostly do not represent real names. So it needs to be further investigated about the tendencies of these accounts.



Picture 3. Top 10 Users (based on In-degree centrality)
Source: Data Processing with Netlytic, 2023

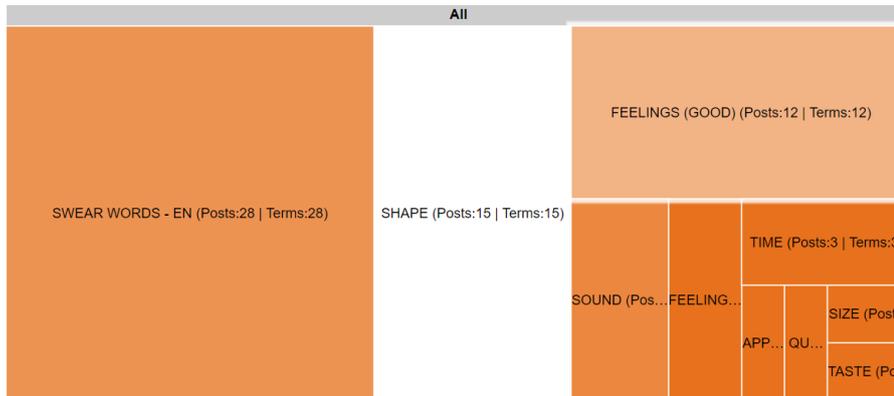
The analysis of positive and negative text comments can be seen in figure 4 from the keyword extractor that produces words cloud. The words that appear in the words cloud are words that often appear in the conversation. The larger the size of the word, the higher the intensity of the word used. In the words cloud analysis, the words "Childfree", "korea", and "women" are the three words with the dominant size. The dominance of these three words is natural because these three words are the three key words of the actors discussed in the news of gitasav's opinion in adopting childfree.



Picture 4. Words Cloud
Source: Data Processing with Netlytic, 2023

Another thing that Netlytics provides is the analysis of Dictionaries (Manual Categories) which shows the dominance of positive comments over negative comments. In succession, the

words that appear are categorized into several types, namely swear words, shape, feeling (good), sound, feeling (bad), time, appearance, quantity, size, taste.



Gambar 5. Emotional Reaction Diagram of Twitter Users
Source: Data Processing with Netlytic, 2023

Based on Figure 5, it can be concluded that positive comments are more dominant than negative comments, as shown in figure 5. There are 12 positive comments feeling good which means they support or defend Gita Savitri for Childfree. Then there are 3 feeling bads comments, which means they disagree with Gita Savitri. Comments with Swear Words also dominate, namely 28 comments with details of 28 posts and 28 comments responding with swear words. Then there are Shape as many as 15 comments and 15 posts that are neutral in their comments. Others such as time, appear, size each have 1 comment and 1 post which means they are also neutral in their comments.

Table 2. Comments of Twitter Netizen Comments
Source: Data Processing with Netlytic, 2023

Date	User	Tweet
2023-04-02	@reza_paparazzi	"Gue lebih milih childfree Biar gk beban aja, mau kmn2 jg enak, awet muda selalu", sahut seleb yg emang gk bersyukur.
2023-04-07	@starcinedoy	Orang ga sadar kalau pemikirannya sama kaya gitasav dalam hal "kalau punya anak tuh tua" ya Airis aja yang 28 bisa dibbilang awet muda padahal emang muda (ingin ku nangis). Mau benci sama gitasav malah jadi pengikutnya secara tidak langsung
2023-04-07	@sharingthot	Krn org nangeknya anak 3 (+ bumbu2 pembahasan childfree gitasav) kali ya jadi dianggep awet muda, padahal ya emang muda (terlepas di luar sana mgkn ada yg seumurannya iris tp kelihatan lebih tua). Dia cantik dan auranya *chef's kiss* tp iya bener, dia emg masih muda
2023-04-07	@sschuloo	Setelah gitasav bilang childfree biar awet muda, skrg buanyaaaaak bgt yg selebtiktok (yg emg cantik) & punya anak komenannya udah punya anak, teteppp awet muda. LAAAAH, EMG MASIH MUDA COI :(

2023-04-07	@heymusafir	Ngeliat di Iris gw selalu inget rich wife di Parasite, kalau gw sih lebih suka Gitasav, pinter berkarakter, punya sikap dan pinter nyanyi. Udah pinter secara cendekiawan pinter nyanyi pula. Tapi netizen +62 gak suka yg kayak gini, sukanya yg socialita punya anak awet muda.
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It can be concluded from the analysis of the comments in table 2 above that there is a tendency for them to support Gita Savitri's opinion, because deciding to be childfree or not in a marital relationship is their right to determine. This is supported by Gita Savitri's response where after her name was trending on Twitter, Gita gave clarification about her decision to be childfree. Although Gita Savitri's view that childfree can be used as a natural anti-aging for women received enough support from Twitter netizens, there are still some netizens who are neutral and disagree with the view as shown in the table above. This study shows the variation of opinions among Twitter netizens regarding the decision to have children or not.

D. Conclusion

In this study, it has been concluded that Twitter netizens as a whole tend to support Gita Savitri's view that being childfree can provide benefits in slowing down the early aging process for women. Gita Savitri's opinion that supports this view is that without having responsibility and stress due to being a mother, women prefer to be childfree so that they can have more time and energy to take care of themselves, maintain physical and mental health, and engage in a healthy lifestyle. Many netizens agree that avoiding stress and burden in living the role of a mother can help reduce the impact of aging. However, it should be noted that not all netizens agree with Gita Savitri's view, especially the opinion of a mother who already has children. Because their opinions are based on religious, social or personal experiences that associate happiness and meaning of life with being a mother.

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