Critical Discourse Analysis of Jokowi Tweets Based on the ideational meta-function Systemic Functional Linguistic meta-function

Dedi Rahman Nur[1], Pratomo Widodo[2]
Universitas Negeri Yogyakarta, Indonesia
Email Correspondence: dedirahman.2020@student.uny.ac.id

Abstract

***Background*:**
Throughout order to analyze texts and discourses, Critical Discourse Analysis makes use of Systemic Functional Linguistics (SFL) as a tool. Through use of Systemic Functional Linguistics is particularly interesting to Critical Discourse Analysis, even though the other linguistic models are also useful in the field. This is due to the model's emphasis on language use, as well as its informative and social functions.

Methodology:
The qualitative approach was utilized by the researcher since it is suitable with research by analyzing visual text or text that is visible and legible or it can be used to investigate the structure of words or visual text as language.

Findings:
The findings from the Principal Component Analysis (PCA) on the transitivity of Twitter texts related to Indonesia President Joko Widodo reveal interesting patterns. Focusing on the first fifteen Twitter posts in December, the analysis of the initial post highlighted four instances of Material Processes with the goal of improving farmers' productivity in Trenggalek. The subsequent posts showcased diverse transitivity patterns, covering themes such as economic development, government openness to criticism, responses to global events like the Omicron variant, and a commitment to environmental sustainability. Common elements across the posts included economic initiatives outside Java, infrastructure development, and social welfare efforts. Overall, these Twitter posts depicted President Joko Widodo's engagement with various issues, employing a mix of informative, persuasive, and directive communication styles. The analysis provides valuable insights into the President's priorities and governance approach during this period, offering a nuanced understanding of the multifaceted nature of his communication.

Conclusion:
The research provides valuable insights into the linguistic strategies employed by President Joko Widodo in his Twitter communication, shedding light on how the transitivity system is utilized to convey messages and shape perceptions.

Keywords: critical discourse; sfl; Ideational Meta-function

1. INTRODUCTION

In the long run, Critical Discourse Analysis may grow and establish itself as the standard reference for the investigation of social problems. Critical Discourse Analysis, as defined by Fairclough (2013), aims to systematically explore the causal association among; (a) discursive practice, events, and texts, and (b) social and cultural forms, connections, and mechanisms; for investigates how such practices, events, and texts appear and how philosophically formed by power relations and struggles for power; and for investigates how the connection between discourse and society itself is explored and understood. Some linguists use a critical linguistic approach that focuses on the Systemic Functional Linguistics (SFL) approach in the development of the language.

As the founder of Systemic Functional Linguistics (SFL), Halliday & Matthiessen (2013) argues that one of the most important characteristics of SFL is its perspective towards something other than linguistics. He considers language to be a form of social semiotics. Throughout order to analyze texts and discourses, Critical Discourse Analysis makes use of Systemic Functional Linguistics (SFL) as a tool. Through use of Systemic Functional Linguistics is particularly interesting to Critical Discourse Analysis, even though the other linguistic models are also useful in the field. This is due to the model's emphasis on language use, as well as its informative and social functions. Many linguistic approaches are also useful in Critical Discourse Analysis, and yet those that may not be as appealing to Critical Discourse Analysis analysts because they put greater importance on syntactic structure and less emphasis on functional aspects of language than Critical Discourse Analysis analysts (Le & Wang, 2009).

Systemic Functional Linguistics (SFL) have a few of meta-function, one of them is Ideational meta-function that the researcher was focused. It is the interpretations on how we portray experience in language that are referred to as ideational meanings. Everything that we put language to use for, we have always been referring towards something or those who are performing an action (Alaei & Ahangari, 2016). Through SFL, a ideational strand of meaning consists of the following components: that of experiential meaning within the clause and that of logical meaning between clauses in clause complexes; both components are interconnected (Eggins, 2005) This experiential meaning are concerned with representing the flow of events or events in clauses, and all these activities are expressed as a framework semantics in clauses across transitivity as a transitivity as a system semantics (Halliday & Matthiessen, 2013). Six mechanisms comprise the transitivity system: material, relational, mental, verbal, behavioral, and existential.

Because multiple forms of processes are being employed in the study, the emphasis is being placed on describing the various procedures and any associated settings of specific roles (Le & Wang, 2009) It is mean that from six mechanisms of the transitivity had different process that divide more or as branch of one of the points of each six mechanisms that show on figure 1;
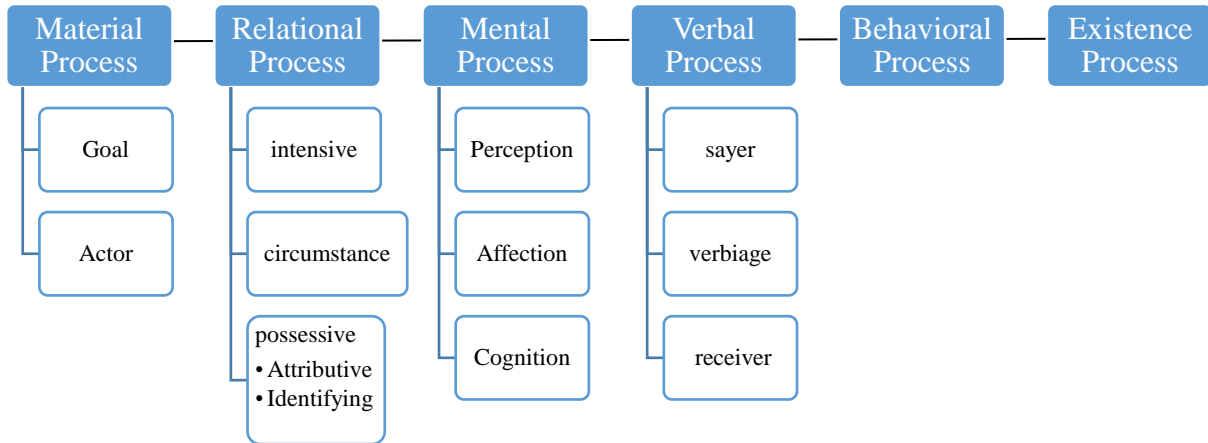
```
┌──────────┐   ┌──────────┐   ┌──────────┐   ┌──────────┐   ┌──────────┐   ┌──────────┐
│ Material │   │Relational│   │  Mental  │   │  Verbal  │   │Behavioral│   │Existence │
│ Process  │   │ Process  │   │ Process  │   │ Process  │   │ Process  │   │ Process  │
└──────────┘   └──────────┘   └──────────┘   └──────────┘   └──────────┘   └──────────┘

   Goal         intensive       Perception       sayer

   Actor        circumstance    Affection        verbiage

                possessive      Cognition        receiver
                • Attributive
                • Identifying
```

Figure 1 The process of transitivity system

.

2. METHODOLOGY

The qualitative approach was utilized by the researcher since it is suitable with research by analyzing visual text or text that is visible and legible or it can be used to investigate the structure of words or visual text as language. As Lincoln, (2005) define qualitative research that Case studies, personal experience, introspection, life narrative, interview, observational, historical, interactional and visual texts are all examples of qualitative research materials that can be used in conjunction with one another. Other definition state qualitative can be used for analyze text and words as language is Creswell & Poth, (2017) that An inquiry process of knowing that is built on diverse methodological traditions of inquiry and that investigates a social or human problem is known as qualitative research. It is the researcher's responsibility to construct a complex, comprehensive image, analyze language, give thorough perspectives of informants, and perform the study in a natural context. In this research the researcher analyzed randomly fifteen twitter text of Indonesia President Joko Widodo, which is the twitter text researcher analyzed is in December.

3. FINDINGS

Principal component analysis, which was carried out on data gathered from analyzed transitivity on twitter text of Indonesia President Joko Widodo revealed that on first twitter text in December with url source https://twitter.com/jokowi/status/1465897314397011970 there are four material process, three goal, one relational process, one verbal process, and two actor;

First twitter post

"Mesin tanam seperti ini sudah *(Material Process)* digunakan *(Goal)* para petani Desa Buluagung di Trenggalek, Jawa Timur. Kemarin, saat menanam *(Material Process)* padi bersama *(Relational process)* petani, saya *(Actor)* mencoba *(Verbal process)* mengemudikannya *(Material Process)* langsung di sawah *(Goal)*. Dengan mesin tanam dan irigasi yang lancar, saya *(Actor)* berharap *(Material process)* produktivitas petani meningkat *(Goal)*."

furthermore, can be seen in the following for the second through fifteenth Twitter posts;

Second twitter post

"Pemerintah *(Actor)* berkomitmen *(Material Process)* untuk melanjutkan kebijakan hilirisasi industri sektor pertambangan *(Goal)* dengan menghentikan *(Material Process)* ekspor bahan mentah secara bertahap *(Goal)*. Setelah nikel, kita *(Actor)* akan segera menghentikan *(Material Process)* ekspor bahan mentah bauksit, lalu tembaga, selanjutnya emas, dan kemudian timah *(Goal)*" (https://twitter.com/jokowi/status/1475502648065286145?s=20)

Third twitter post

"Senang (Mental Affection) dan puas (Mental Affection) melihat *(Mental Perception)* produk-produk dari sekitar 35 Industri Kecil Menengah Bali yang dipamerkan *(Material Process)* di Taman Werdhi Budaya Art Centre, Denpasar, siang tadi. Ada *(Existence Process)* kain-kain dan perhiasan tradisional, furnitur, dan produk seni unggulan lainnya *(Existent)*. Kualitas dan desainnya sangat bagus." (https://twitter.com/jokowi/status/1475381457690316805?s=20)

Fourth twitter

"Saya *(Actor)* mendarat *(Material Process)* di Bandar Udara Ngloram, Blora *(Goal)*, pagi tadi, sekaligus meresmikan *(Material Process)* bandara tersebut *(Goal)*. Bandara ini memiliki *(Relational Attributive Possessive)* terminal 3.200m2 *(Attributive)* yang dikembangkan *(Material Process)* sejak 2018. Saya *(Senser)*

berharap *(Mental Cognition)* Bandara Ngloram dapat mempercepat (Material Process) aktivitas ekonomi di Blora dan sekitarnya (Goal)"

(https://twitter.com/jokowi/status/1471743752091828224?s=20)

Fifth twitter

"Saya (Actor) menerima (Material Process) kunjungan Menteri Luar Negeri Amerika Serikat Anthony J. Blinken (Goal), kemarin di Istana Merdeka. Kepada Menteri Blinken (Receiver) saya menyampaikan (Verbal Process) agenda prioritas presidensi G20 Indonesia, dan saya berharap (Mental Cognition) AS dapat menjadi (Relational Attributive Intensive) mitra di bidang ekonomi, investasi, hingga kesehatan (Attributive)"

(https://twitter.com/jokowi/status/1470563474203832326?s=20)

Sixth twitter

"Indonesia telah memiliki (Relational Attributive Possessive) sejumlah kerja sama internasional dalam hal pengembalian aset tindak pidana, misalnya dengan Konfederasi Swiss dan Rusia (Attributive). Kedua negara tersebut (Actor) siap untuk membantu (Material Process) penelusuran, pembekuan, penyitaan, dan perampasan aset hasil tindak pidana di luar negeri (Goal)."

(https://twitter.com/jokowi/status/1468853224408956930?s=20)

Seventh twitter

"Di halaman Detasemen Kesehatan Wilayah Sintang, Kalimantan Barat siang tadi, saya menyaksikan (Mental Perception) penyerahan bantuan mobil dapur umum dan perahu karet, juga bantuan sosial bagi masyarakat."

(https://twitter.com/jokowi/status/1468500321638912000?s=20)

Eighth twitter

"Kita patut bersyukur (Mental Cognition) bahwa angka investasi tahun ini di luar Jawa makin meningkat, bahkan lebih tinggi dibandingkan di Pulau Jawa Peningkatan investasi di luar Jawa ini tidak lepas dari upaya kita (Actor) dalam menyiapkan (Material Process) infrastruktur secara merata di seluruh penjuru Tanah Air (Goal)."

(https://twitter.com/jokowi/status/1468466451258347523?s=20)

Ninth twitter

"Indonesia adalah (Relational Attributive Intensive) negara demokrasi (Attributive) sehingga terbuka (Material Process) terhadap kritikan kepada pemerintah (Goal). Karena itulah, saya (Actor) meminta (Material Process) setiap unsur kepolisian menghormati (Mental Cognition) kebebasan berpendapat (Goal). Kritikan tersebut hendaknya ditanggapi (Material Process) dengan pendekatan persuasif dan dialogis (Goal)."
(https://twitter.com/jokowi/status/1466652524761391109?s=20)

Tenth twitter

"Kita sudah mendengar (Mental Perception) tentang Covid-19 varian Omicron yang mulai menyebar (Material Process) ke banyak negara (Goal). Varian ini, penyebarannya dinilai (Mental Cognition) lebih cepat dari varian Delta. Karena itulah, saya (Actor) mengingatkan (Material Process) masyarakat, TNI dan Polri (Goal), terutama yang bertugas (Material Process) di perbatasan untuk lebih waspada (Goal)."
(https://twitter.com/jokowi/status/1466651662781612044?s=20)

Eleventh twitter

"Saya (Actor) kembali meresmikan (Material Process) sebuah bendungan baru (Goal). Kali ini, yang saya (Actor) resmikan (Material Process) adalah (Relational Process) Bendungan Pidekso di Kab. Wonogiri, Jawa Tengah (Goal). Bendungan ini (Relational Attributive Intensive) dibangun (Material Process) sejak tahun 2017, luas genangan 232 hektare, dan bisa mengairi (Material Process) kurang lebih 1.500 hektare sawah (Goal)."
(https://twitter.com/jokowi/status/1475780137958330370?s=20)

Twelfth twitter

"Mengapa bendungan? Jika Indonesia ingin mencapai kemandirian, kedaulatan, dan ketahanan pangan, maka ketersediaan air adalah (Relational Identifying Intensive) kunci. Karena itulah pemerintah (Actor) terus membangun (Material Process) bendungan di seluruh provinsi di Tanah Air (Goal)."
(https://twitter.com/jokowi/status/1475780143121518594?s=20)

Thirteenth twitter

"Bandul ekonomi dunia (Actor) kini bergerak (Material Process) mengayun ke arah ekonomi hijau (Goal). Dan Indonesia memiliki (Relational Attributive Possessive) semua sumber energi hijau, dari sungai, sinar matahari, geotermal, sampai angin (Attributive). Dengan kekuatan sumber daya alam itu, kita punya (Relational Attributive Possessive) modal besar untuk bersaing dengan negara-negara lain (Attributive)."
(https://twitter.com/jokowi/status/1472073405075636225?s=20)

Fourteenth twitter

"Saya (Actor) menyambut (Material Process) dengan bangga atas penetapan ini (Goal). Gamelan sudah jadi (Relational Attributive Intensive) bagian kehidupan sehari-hari rakyat berbagai daerah di Indonesia (Attributive) yang terus dipelajari (Material Process), dikembangkan (Material Process) dan diwariskan (Material Process) dari generasi ke generasi (Goal). Gamelan (Actor) juga memberi (Material Process) inspirasi dan pengaruh terhadap musik dunia (Goal)."
(https://twitter.com/jokowi/status/1471064115900665856?s=20)

Fifteenth twitter

"Saya (Actor) berkunjung (Material Process) ke Jawa Tengah (Goal) hari ini, meninjau (Material Process) lokasi lumbung pangan di Temanggung dan Wonosobo (Goal). Saya (Actor) juga akan menanam (Material Process) cabai dan bawang merah bersama petani dan masyarakat (Goal), meresmikan (Material Process) sejumlah embung (Goal), dan menyerahkan (Material Process) bantuan sosial kepada para pedagang kaki lima dan warung (Goal)."
(https://twitter.com/jokowi/status/1470563892178800640?s=20)

Table 1 Transitivity recapitulation

Transitivity	Word	Total
Material Process:		
Goal	Para petani Desa Buluagung di Trenggalek, Jawa Timur, langsung di sawah, produktivitas petani meningkat, kritikan kepada pemerintah, kebebasan berpendapat, pendekatan persuasif dan dialogis, banyak negara, masyarakat, TNI dan Polri, lebih waspada, kunjungan Menteri Luar Negeri Amerika Serikat Anthony J. Blinken, penetapan ini, generasi ke generasi, inspirasi dan pengaruh terhadap musik dunia, Bandar Udara Ngloram, Blora, bandara tersebut, aktivitas ekonomi di Blora dan sekitarnya, arah ekonomi hijau, kebijakan hilirisasi industri sektor pertambangan, ekspor bahan mentah secara bertahap, ekspor bahan mentah bauksit, lalu tembaga, selanjutnya emas, dan kemudian timah, kemandirian, kedaulatan, dan ketahanan pangan, bendungan di seluruh provinsi di Tanah Air	22 Goal
Actor	Saya, saya, saya, saya, saya, saya, gamelan, saya, bandul ekonomi dunia, pemerintah, kita, Indonesia, pemerintah	13 Actor
Relational Process:		
intensive	Adalah (Attributive), menjadi (Attributive), jadi (Attributive), adalah (Identifying)	3 Relational Attributive Intensive and 1 Relational Identifying Intensive
circumstance		
Possessive:		
• Attributive	Memiliki, memiliki, punya	3 Relational Attributive Possessive
• Identifying		
Mental Process		
Perception	Mendengar, melihat	2 Mental Perception
Affection	Senang, puas	2 Mental Affection
Cognition	Menghormati, dinilai, berharap, berharap	4 Mental Cognition
Verbal Process		
Sayer	Saya	1 Sayer
Verbiage	Menyampaikan	1 Verbiage
Receiver	Menteri Blinken	1 Receiver
Behavioral Process		
Existence Process	Ada	1 Existence Process

4. DISCUSSION

The application of principle component analysis (PCA) to the transitivity data taken from President Joko Widodo's Twitter postings revealed significant patterns and trends. Upon analyzing the initial Twitter post in December, it was noted that there were four instances of material processes, three instances of aims, one instance of relational process, one instance of verbal process, and two actors. The initial research laid the foundation for examining following tweets, each offering a distinct viewpoint on the President's communication techniques.

The tweets from the second to the fifteenth displayed a wide range of linguistic characteristics. Significantly, the inclusion of material processes regularly highlighted activities and initiatives, in line with the President's endeavors to communicate a proactive and involved leadership approach. The objectives linked to these procedures encompassed a broad spectrum, including economic strategies, diplomatic ties, infrastructure advancement, and public health consciousness. The discourse was shaped by both attributive and identifying relational processes, which emphasized the interdependence of different entities and concepts. The President's strong emphasis on ownership and identification with national achievements and resources was highlighted by the extensive use of possessive relational processes.

The President's mental processes, which include perception, attachment, and cognition, provide valuable understanding of his emotional and intellectual involvement with many subjects. The mental processes of expressing satisfaction, delight, or transmitting expectations played a role in shaping the subtle tone of the tweets. Verbal processes, which encompass the act of speaking, were intentionally utilized to effectively communicate with certain audiences or transmit messages to the general public. Behavioral processes, such as processes of existence, brought a level of specificity to the conversation by articulating events that were witnessed and effects that were tangible.

To summarize, the results of the main component analysis provide insight into the complex structure of President Joko Widodo's Twitter communication. The abundance of material processes, combined with the strategic utilization of diverse linguistic elements, demonstrates a purposeful and subtle method of communicating messages in many situations and subjects.

5. CONCLUSION

The purpose of the study was to explore Jokowi Widodo's transitivity system by analyzing the terminology he uses in his tweets. The CDA theory was applied in this investigation. To examine the data, the researchers employed the CDA theory, which was based on the Fairclough model. If we look at the linguistic aspects, the analysis revealed that Jokowi Widodo employed a variety of transitivity systems in his tweets, including the usage of material processes, relational processes, mental processes, verbal processes, behavioral processes, and existence processes. According to the findings of the study, Jokowi Widodo used the pronouns "I and we" numerous times during the material process to demonstrate his sense of belonging to his people. Furthermore, Jokowi's employment of the material process is a wise decision since the acts carried out are in support of the government's purpose. In almost all his tweets, Jokowi Widodo has an optimistic outlook, indicating that the administration is committed to assisting citizens in a variety of ways.

6. REFERENCES

Alaei, M., & Ahangari, S. (2016). A Study of Ideational Metafunction in Joseph Conrad's "Heart of Darkness": A Critical Discourse Analysis. *English Language Teaching*, *9*(4), 203. https://doi.org/10.5539/elt.v9n4p203

Creswell, J. W., & Poth, C. N. (2017). *Qualitative Inquiry and Research Design: Choosing Among Five Approaches* (4th edition). SAGE Publications, Inc.

Eggins, S. (2005). *Introduction to Systemic Functional Linguistics: 2nd Edition* (2nd edition). Continuum.

Fairclough, N. (2013). *Critical Discourse Analysis: The Critical Study of Language* (2nd ed.). Routledge. https://doi.org/10.4324/9781315834368

Halliday, M. A. K., & Matthiessen, C. M. I. M. (2013). *Halliday's Introduction to Functional Grammar* (4th edition). Routledge.

Le, T., & Wang, X. (2009). *Systematic functional linguistics and critical discourse analysis* (T. Le, Q. Le, & M. Short, Eds.; pp. 27–36). Nova Science Publishers, Inc. https://www.novapublishers.com/catalog/product_info.php?products_id=9711

Lincoln, D. &. (2005). *The SAGE Handbook of Qualitative Research*. SAGE.