

# INVESTIGATING REGISTER VARIATION ON CORONAVIRUS DISEASE (COVID-19) POSTS IN SOCIAL MEDIA

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## ABSTRACT

*This research deals with the study of register variation on social media posts about corona virus disease (Covid-19). The aim of this research is to investigate the types of register on social media posts specifically around covid-19 issues and to investigate the realization of register term in social media posts such as Instagram and twitter about covid-19 outbreak. The research is applied descriptive qualitative method. The data of this research is the text posts on social media that were taken through screenshot the posts identified register and note-taking. There 50 register terms found that were analyzed based on Miles and Huberman, including data reduction data display, and conclusion. Based on analysis, the research finding showed that register is realized based on Field, Tenor and Mode as the types of register. There are six function of register but the finding showed that realization of register on social media posts provided two functions such as information function and interaction function. The register terms are realized through monolingual (Bahasa) and Bilingual (Bahasa and English).*

**Keywords:** Register Variation, Corona Virus Disease (Covid-19), Social Media

## INTRODUCTION

Register term is the realization of language variation which is created based on purpose and setting functionally as a representing something happens. It is used already widely practiced in various social context for particular purpose in which context of situation is a very determinant for register term. The used of register that appear of corona virus outbreaks (covid-19) which posted by user in social media have a reason to interest in social groups to use language variation.

Social media platforms have been important for submit information during covid-19 outbreak and become the media delivers news such as rumors and sometimes misinformation such as a facebook, twitter, youtube, instagram and whatsapp to create a sense of panic and confusion. The involvement of register that appear in social media, especially Instagram in posting about covid-19 outbreak, makes users to understand the meaning of register.

In the fact, the use of term register realization in a language style and a variety of language such as english and indonesian as well as medical terms. Therefore, the substance of the register which aims to provide information about covid-19 is not well understood to society. This is very correlated lack of understanding which makes covid-19 case the victims increase. In other side, the use of the term register provides new insights to the social media user because there is a new language in epidemiology term that was previously incomprehension by the society.

In this era, many people used internet to search information of register about covid-19 outbreaks in social media. They can get informs to know about register and found the

new word. Register is variety of language based on the speaker or written such as Instagram and Twitter. In terms of culture, there is no balance because the cultural influence more bigger and feel the virus does not exist. In terms of sociology, depending on personality. There are some people who believe in the virus the danger and it's just a conspiracy by china to make the country's economy crash and disobey healthy protocol. And in term psychology, the corona virus disease (covid-19) outbreaks can be a very stressful and overwhelming time for world but this is a time for helping one another and pulling together as communities to assist with coping strategies and helping each other come out stronger and this situation influence public communication on social media.

In this study, the researchers focus on investigating register variation on Corona Virus Disease (Covid-19) on Posts in Social Media studies register as a kind of a language variation. The researchers use the social media because there were so many register and easily get information. Social media has become a conduit for spreading rumors, misinformations and many source such as Facebook, Instagram, Youtube, Whatsapp, and Twitter to create a sense a panic and confused. The researchers found many register on Corona Virus Disease (Covid-19) outbreak in the instastory and the homepage of social media such as "Pandemi", "Imported Case", "Masa Transisi", etc.

## METHOD OF RESEARCH

The type of this study is qualitative research method. Qualitative research is a research that does not use producer of statistic analysis or other quantification (Moleong, 2007: p.6). This research was conducted by using descriptive qualitative re-

search. Creswell (1994) stated that qualitative descriptive research in that the researcher was interested in process, meaning and understanding gain through word. The researcher take a qualitative research for this study to investigate the meaning of the word register variation on Corona Virus Disease (Covid-19) on Posts in Social Media. Researcher retrieve data from the web page in twitter and instagram story and status, it is considered to be more effective in collecting data. The object of this research in the realization of register ( form ) and meaning of the register variation on Corona Virus Disease (Covid-19) on Posts in Social Media.

The data of this research is the social media posts or status about Corona virus Disease (Covid-19) such as Hashtag, Slogan, News, and Regulations that would be taken from the social media such as Instagram and Twitter as the main of data source. The data was specifically limited taken on the text of various post in the social media. The research data was collecting through the following steps: 1) Open a social media and looking web page twitter and instagram story. Find someone's post on Corona Virus Disease (Covid-19) 2) Reading the status on Corona Virus Disease (Covid-19) posts in social media. 3) Collecting references related to investigate register. Technique of data analysis in this study was use interactive theory from Miles and Huberman (2007). They divide the steps in data analysis activities with several parts, namely: data collection (data collection), data reduction, data presentation (data display) and conclusion (Verification).

## RESULT AND FINDINGS

Based on the theory, there are 6 function of register used by researcher in analyzing this arena. After having analyzing, there are several register terms realized as Information functions such as shown on field:

- In data 1 that found shows for man or woman has same role in the habit of the new habits including work situation always uses a mask, handwashing and keep distance. This sentence has roles provide news to others people can know.
- In data 4 that found try to reduce the stepness of the increase in the number of infections. This sentence has roles provide news to others people can know what the meaning.

Register term realized as interaction function such as shown on mode:

- In the data 2 that found area of a city that is used for a particular purpose or activity marked by black, red, orange and green increases in case covid-19. This sentence used to expression ask about the situation about register term.
- In the data 3 that found the data ODP and PDP not show in the picture and not grafik significant. This sentences used to expression about situation in covid-19 case to knows victims.

## DISCUSSION

After collecting all the data, the researcher is finally investigated only 50 register terms. The whole data of the research are involved about covid-19 outbreaks that found in the social media posts such as Instagram and Twitter. The data were taken from register on covid-19 outbreak post in social media. The researcher investigated register of

covid-19 outbreaks in instagram and twitter.

### 1. Types Of Register

The research analysis is done through applying Halliday's theory which is specifically concerns on analyzing text based on context of situations such as field, mode, and tenor. After having analyzed the whole data, it found that the data are classified into three types such as field, tenor and mode. The analysis is briefly investigated below:

**Data 1: *Setiap Individu punya peran (mari bersama sama menghadapi masa AKB (adaptasi kebiasaan baru).*** From the data above sentence to register term is AKB (Adaptasi Kebiasaan Baru). AKB that found as abbreviation from adaptasi kebiasaan baru. The field in the sentences of the register term has meaning shows for man or woman has same role in the habit of the new habits including work situation always uses a mask, handwashing and keep distance. Mode is written sentences in register term, the reader was taken an active role in following all the regulation set by government to get used to a new lifestyle. Tenor is this register term was made by **RosamegautmALIDM**. A sentence used by monolingual because language displayed only one language in Bahasa. It's aim as information function text as a tool to provide news to others people can know.

**Data 2: *Kota Tangerang selama 14 hari kedepan akan memasuki perpanjangan masa PSBB dan PSBL di RW yang termasuk Zona merah.*** The sentence above has three register terms, there are PSBB, PSBL and Zone. PSBB, PSBL and Zone that found as abbreviation.

1. The register term of PSBB (Pembatasan Sosial Berskala Be-

sar) including field because this statused inform about limited specific activities that suspected of covid-19 infection in Tangerang. It's aim's as interaction function to expression of ask situation about covid-19 case.

2. PSBL (Pembatasan Sosial Berskala Lokal) including field because this statused inform about public safety broadband license in environmental scope. It's aim's as interaction function to expression of public safety in Tangerang and ask situation about covid-19 case.
3. The field created because this statused inform about Zone has meaning an area of a city that is used for a particular purpose or activity marked by black, red, orange and green increases in casualties. Tenor in register term of PSBL, PSBB and Zone was made by @kotatangerang to appeals to all social media users in Tangerang city know the information about area. It's aim as informational function that provide news so that others can know what happening in Tangerang City. A sentence used in posted by monolingual because language displayed only one language in Bahasa.

**Data:3 *Kenapa ODP dan PDP tidak ada tanda naik atau turun digambar?*** The sentence above has two register terms, there are ODP and PDP. ODP (orang dalam pengawasan) and PDP (pasien dalam pengawasan) that found as abbreviation.

1. The field was created because this register term of ODP has meaning people under observation experience symptoms not show in the picture and not grafik significant. It's aim as interaction functions used to expression

about situation in covid-19 case to know victims.

2. The field of the register term of PDP has meaning given above so check it out related information about grafik not significant. Tenor in register term of PDP and ODP was made by Budi Ilham retweet from BNPN INDO. It's aim as interaction functions used to expression about situation in covid-19 case. A sentence used by monolingual because language displayed used bahasa as first language.

**Data 4: 2-3 weeks #flatten The Curve semula, sebab banyak carriers yang bawak balik dari aktiviti kempen minggu lepas.** The sentence above has register terms, there are **Flatten the curve and stayathome**.

1. The field of Flatten the curve has meaning we need to try to reduce the steepness of the increase in the number of infections. It's aim as information functions text as a tool to provide news to others people can know.
2. The field of stay at home has meaning staying at home to take care of a child instead of working somewhere else. It's aim as information functions text as provide news to other people to stay at home. Tenor in register term flatten the curve and stay at home was made by @wal from malaysia. A sentence used by bilingual because language displayed used Malaysia as first language and English as a second language.

**Data 5 :Difference between self-isolation and quarantine.** The sentence above has two register terms, there are **self-isolation and quarantine**.

1. The field was created because this statused informs to the read-

er about difference both Self-isolation has meaning appears to be more frequent in people with histories of avoiding attachment. It's aim as information functions text as a tool to provide news to others people can know.

2. The field of Quarantine has meaning a strict isolation imposed to prevent the spread of disease and difference handle a strict isolation to prevent the spread of disease with quarantine has same meaning. In tenor was made register term of self-isolation and quarantine by @NICD. It's aim as information functions text as a tool to provide news to others people can know. A sentence used by monolingual because language displayed used english as first language. it's aim as information functions text as a tool to provide news to others people can know.

**Data 6: Sterilisasi penyemprotan disinfektan Pasar Muara Rapak Selama 3 Hari.** From the data above to have two register term, there are sterilisasi and disinfektan. Register term that found sterilisasi as a synonym and disinfektan used code mixing.

1. The field because this statused inform about Sterilisasi has meaning the destruction of all living microorganisms as pathogenic or saproptic bacteria, vegetative form and spore. . It's aim as information functions text as a tool to provide news to others people can know.
2. The field because this statused inform about Disinfektan has meaning cleasing and d disinfectant product. Mode has been written about register term hoped the reader are designed to influence reader the public is be careful to keep healthy and keep us-

ing masks. Tenor in the register term was made by @covid19kemenkesRI. A sentence used by monolingual because language displayed used bahasa as first language. It's aim as information functions text as a tool to provide news to others people can know.

**Data 7: *Klaster guru kembali bertambah pemerintah terima bantuan APD(alat pelindung diri)***. The sentence above has two register terms, there are Cluster and APD (Alat Pelindung Diri). Register term that found Cluster as a synonym and APD as a acronym Alat pelindung diri.

1. The field because this statused inform about Cluster has meaning a group of similar things or people positioned closely together. It's aim as information functions text as a tool to provide news to others people can know. Mode in register term cluster hoped the reader are designed to influence and informed the public many teachers are affect by covid-19 outbreaks.
2. The field because this statused informs about APD ( Alat pelindung diri ) has meaning a label has become increasingly popular in recent years. Tenor in the register term Cluster and APD was made by @covid19kemenkesRI. It's aim as information functions text as a tool to provide news to others people can know. A sentence used by bilingual because language displayed used bahasa as first language and English as second language.

**Data 8: *Munculnya kebijakan WFH (work from Home) ditengah pandemi covid- 19 telah mengubah cara kerja sebagian besar perusahaan dan karyawan di Indonesia***. The sentence above has reg-

ister terms, there are **wfh and pandemic**. Register term that found wfh as abbreviation and pandemi as synonym.

1. The field because this statused inform about WFH that employee is working from their house and pandemic has meaning outbreak of disease that spreads quickly and affect many individuals at the same time. Mode in register term, it was hoped the reader register are designed to influence reader to informed the public to work at home in the midst pandemic that has swept in the world.
2. The field because this statused inform about Pandemic that an outbreak of a disease that occurs over a wide geographic area and typically affects a significant proportion of the population. Tenor in the register term WFH and Pandemic was made by @kata ai. A sentence used by bilingual because language displayed used bahasa as first language and english as second language. It's aim as information functions text as a tool to provide news to others people can know.

**Data 9: *Saat new normal diterapkan, kasus covid-19 justru meningkat di korsel***. The sentence above has two register terms, there are new normal and covid-19. Register term that found new normal as idiomatic and covid-19 as abbreviation.

1. The field because this statused about new normal informs to the reader about covid-19 cases are increasing when a new normal condition is imposed which allows people to do activities and always follow healthy protokol . New normal has meaning a new way of living and going about our lives,works, and interactions with other people and covid-19 has

meaning illness caused by SARS-CO-V 2. It's aim information functions text as a a tool to provide news to others people can know.

2. The field because this stasured about covid-19 to inform the readers a mild to severe respiratory illnes that is caused by a coronavirus transmitted chiefly by contact with infectious material. Tenor in the register term new normal and covid-19 was made by @pinterpolitik retweet from kemenkeRI . It's aim information functions text as a a tool to provide news to others people can know. A sentence used by bilingual because language displayed used bahasa as first language and english as second language.

**Data 10: *Jaga jarak buat saling jaga #Socialdistancing dan #Phsycal Distancing Menjaga Jarak Fisik tanpa membatasi hubungan sosial.*** From the data above to register term are social distancing and physical distancing. Register term that found sentence used code mixing as the use of language units from one language to another to expand the style or variety language.

1. The field was created because this stasured about Social Distancing to informs the reader about important keep distance in the context situations and keeping a safe space between yourself and other people from household. Mode in register term, it was hoped the readerfollow restraining orders and to protect person whom have low condition social interaction with anyone and keep a distance but still meet the health protocol. It's aim as information function text as a tool to provide news to others people can know.
2. Physical Distancing has meaning limitting the number of people and

limit the contact. The aim status posted in instagram as information function text to give public important social distancing and physical distancing stay away from bad healthy especially severe cold, high temperature and respiratory disorders. Tenor in this register Social distancing and physical distancing was made by @kemenkesRI. A sentence used by bilingual because language displayed not only one language but used English and in Bahasa.

**Data 11: *Sedikit nasehat StayatHome,Stay healthy dan StaySafe kepada rakyat Malaysia.***From the data above have three register term,there are StayatHome,Stay healthy and StaySafe. Register term that found sentence used code mixing as the use of language units from one language to another to expand the style or variety language.

1. The field was created because this stasured informs to the reader about advice the malaysia people to inportant stay at home. Stay at home has meaning people from leaving their homes for anything activities. It's aim as information function text as a tool to provide news to others people can know.
2. The field was created because this stasured informs to the reader about Stay Healthy, it was hoped the reader eating the righ food and keeping fit. It's aim as information function text as a tool to provide news to others people can know.
3. The field was created because this stasured informs to the reader about Stay Safe, it was hoped the reader protect from danger covid-19. The sentence has meaning the advice given is in the interest of the common public

without exception. Tenor in register term was made by @kemenkesRI. It's aim as information function text as a tool to provide news to others people can know. A sentence used by bilingual because language displayed not only one language but used English as a second language and in Bahasa as first language.

**Data 12: Kegunaan masker N-95 harus digunakan dengan baik dan benar.**

The sentence above has register terms, there is **Mask N-95**. Register term that found sentence used code mixing. The field was created because this register term informs to using mask n-95 usually in hospital if not using with good have no effect, it was hoped the reader register are designed to influence reader to informed the public is more concerned with he conditions about this outbreak and always using mask with good rules. Mode in register term ,it was hoped the reader to informed the public is more concerned with the condition about covid-19 case. Tenor in register term mask n-95 was made by @kemenkesRI. It's aim as information functions text as a tool to provide news to others people can know. The sentence has means show of data that confuses reader on social media the spread of covid-19 through masks that do not comply with standard national health. A sentence used by monolingual because language displayed used bahasa as first language.

**Data 13: Handwashing is one of the best ways to protect yourself and your family from getting sick.** The sentence above has register terms, there is handwashing.

1. The field was created because this stasured informs to the reader about handwashing to cleaning

one's hands with soap and clean water can make virus gone and protect the family how to effectively wash hands and do not touch the fact.

2. Mode in register term, it was hoped the rader register are designed to influence reader to informed the public after reading the directions.
3. Tenor inregister term was made by @CDC (Keseshatan). It's aim as information functions text as a a tool to provide news to others people can know. A sentence used by monolingual because language displayed used english as first language.

**Data 14:besok,swab test mas-sal dan rapid test kembali digelar di pasar muara rapak.**

The sentence above has register terms, there are swab test and rapid test. Register term that found sentence used code mixing. The sentence has meaning there will be a swab test and rapid test.One of the markets will be conducted in the Muara Rapak.

1. Mode in register term swab test , it was hoped the reader register are designed to influence reader to informed the public who are in the area immediately come to do the swab test and rapid test. It's aim as interaction functions text as to show expression about situation happened.
2. Mode in register term examination of **rapid test** in Indonesia, carried out using blood sample.While the swab test used mucus samples taken from the nose and throat. It's aim as interaction functions text as to show expression about situation happened. Tenor in register term was made by @ covid-19bpn. A sentence used by bililingual because language displayed used bahasa as

first language and english as second language.

**Data 15: *Mini Lock-down, strategi Jokowi untuk daerah atasi Covid-19.*** The sentence above has two register terms, there are lockdown and covid-19. Register term that found sentence used code mixing as the use of language.

1. The field was created because this statused informs to the reader about Lockdown to condition imposed as during outbreaks of an epidemic in which people to stay in their homes and limit activities outside the home. It's aim as interaction function to show feelings about the situations for lose covid-19.
2. The field was created because this statused informs to the reader about Covid-19 to illness caused by SARS-Co-V-2 and overcome covid-19 outbreak, the president republic of Indonesia Mr.Joko Widodo take small action in several city. Tenor in register term was made by @brahmastayudha. It's aim as interaction function to show feelings about the situations for lose covid-19. A sentence used by bilingual because language displayed used bahasa as first language and english as a second language.

**Data 16: *Herd Immunity ini adalah kebijakan pemerintah menangani covid-19 outbreak.*** The sentence above has register terms, there is Herd immunity and Outbreaks. Register term that found sentence used code mixing.

1. The field was created because this statused informs to the reader about Herd immunity to improve the immune through vaccination. Mode in register term, it was hoped the public is important to herd immunity because

the way maintain immunity. It's aim as information functions text as a a tool to provide news to others people can know.

2. The field was created because this statused informs to the reader about Outbreak to give the reader in this situation always improve the immune through vaccination. Tenor in register term was made by @Kemenkes Ri. It's aim as information functions text as a a tool to provide news to others people can know. A sentence used by bilingual because language displayed used bahasa as first language and english as second language.

**Data 17: *Thermal Gun tidak merusak otak.*** The sentence above has register terms is Termal Gun. Register term that found sentence used code mixing as the use of language units from one language to another to expand the style or variety language. The field of Termal Gun was created because this statused posted about temperature screening check to society for detection covid-19 case. Mode in register term, it was hoped to the reader not misunderstanding about used termal gun and termal gun can not damage the brain because it does not laser,radioactive like X-Ray but only used Infra Red. Tenor in register term was made by @kemenkesRI. A sentence used by bilingual because language displayed used bahasa as first language and english as a second language. It's aim as information function as to show provides news or information about situation happened.

## **2. The Realization of Register Variation in Posting covid-19 on Social Media**

The reader get information with reading the caption or hastag in social media used Indonesia and Eng-

lish Language. For people who understand only one language and language displayed including Monolingual while people who understand both language displayed including Bilingual. The realization of register variation in posting covid-19 on social media is functionally aimed to share various informations to society.

### **CONCLUSION**

Based on the results and investigated the data analysis of the corona virus disease (covid-19) outbreaks found in chapter four, the research draw some conclusions as follows:

1. There are 50 register terms are found in social media based on 3 types of register such as 22 register term of field, 14 register term of mode and 14 register term of tenor showed in corona virus disease (covid-19) outbreaks posted in social media especially Instagram and Twitter.
2. There are 6 function of register in covid-19 and only found 2 function of register such as 35 data as information function and 15 data as interaction function in realization of register term by caption and hastag on covid-19 posted in social media.

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