



Reading interest strength and vocabulary acquisition of EFL learners: A meta-analysis

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Abstract

The purpose of this study was to examine the relationship between reading interest strength and vocabulary acquisition in English as a Foreign Language (EFL) learners through a systematic review and meta-analysis of eleven relevant studies conducted over the last decade, from 2010 to 2020. This study attended by the guidelines of PRISMA. Several stages conducted, such as; identifying the problem, collecting the data, screening, assessing the data, and extracting the data. The data was gathered from peer-reviewed journal articles indexed in databases such as Google Scholar, DOAJ, and Science Direct. Jamovi 1.6.7 was applied to analyze the data. This study aimed to report findings of a meta-analysis assessing correlation among reading interest and vocabulary acquisition. The result obtained was a relatively high relation in reading interest and vocabulary acquisition with pooled correlation = .485 (95% CI = .120 to .850). The workings between variables were positive, which meant the students read more and increased vocabulary acquisition. Reading lots of text could improve students' vocabulary acquisition. The reading interest strength could develop vocabulary acquisition for EFL learners.

Keywords: reading interest strength; vocabulary acquisition; systematic review; EFL learners; and meta-analysis

1. Introduction

Generally, English has been taught as a nonnative language in Indonesia (Kagan & Özdemir, 2013). It indicates that English has not been used as a means of daily communication in Indonesia. Therefore, as a foreign language learner, reading and mastering vocabulary is an essential element that teachers must teach in English (Oscarini & Bhakti, 2018; Wulandari, 2019). Students get new vocabulary when reading and comprehend some English words (Bi, 2020). By reading, they can find the meaning of the vocabulary (Tager-Flusberg, 2015). This statement is supported by the study conducted by Rahayuningsih (2020) that to understand the context of a reading, students not only read and pronounce a few words, but students must understand the meaning of each word. In short, reading can increase students' vocabulary (Yildirim, 2008). Reading also makes a person more innovative and more creative. A study conducted by Fitria (2019) stated that when students comprehend what they are reading, the more they read, the better they understand each word meaning in English (Fitria, 2019).

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Vocabulary is a fundamental ability that students should master to support them in comprehend reading texts. Vocabulary development is significant in improving students' language skills (Pezoa et al., 2019; Yousefi & Biria, 2018). Readers will comprehend the texts once they have a high vocabulary because vocabulary is important to foreign language mastering (Reynolds et al., 2018). Vocabulary also allows us to prepare our thoughts, feeling, and experiences.

Experts perform numerous previous studies on reading interest and vocabulary acquisition. The first study carried out by Novita & Juita (2020) showed positive results in testing the impact of reading and dominating vocabulary on description writing skills. This approach used in these studies is correlational quantitative descriptive. Yang et al. (2020) revealed their study using quantitative techniques with a quasi-experimental study and a positive correlation. Third, research conducted by Pecorari et al. (2019) proved a positive result about reading interest and vocabulary acquisition. Other studies were conducted by Kigel et al. (2015), Mousavi & Gholami (2014), Sparapani et al. (2018) reported a positive result about interest in reading and vocabulary acquisition. The research was done by Fitria (2019); Rahayuningsih (2020) also got positive results from their study on reading interest and vocabulary mastery using survey and quantitative methods. A study conducted by Farha & Rohani (2019), Neumann et al. (2020) also showed positive and significant reading interest and vocabulary mastery results. Şen & Kuleli (2015) have stated that reading and vocabulary mastery correlate positively.

There are numerous differences between the previous study with this current study. The previous study was conducted using survey techniques, correlational and descriptive quantitative. The sample used in that study was junior high school students. However, researchers want to explore the correlation between reading interest and vocabulary acquisition using systematic literature review and meta-analysis. The purpose of this paper is to present the findings of a meta-analysis examining the relationship between reading interest and vocabulary acquisition in English learners.

1.1. Research Questions

The research question of this study is:

To what extent is the reading interest necessary for developing vocabulary acquisition of EFL learners?

2. Review of Related Literature

2.1. The Process of Reading and Reading Interest

Reading is an essential mode for successful learning in a school setting, and competent reading goes beyond decoding as it also includes text comprehension (Zaccoletti et al., 2020). While reading, a person engages in activities that involve moving the eye muscles to see the text, images, and reading being read. The process of eye movement and attention to the text makes the neural mechanism developmental (Eskenazi & Folk, 2015). A study conducted by Price (2012) revealed that orthographic processing and phonological processing are supported models in reading. Behavioral, modelling, and neuroimaging experiment involved the process of reading (Cattinelli et al., 2013).

Farha & Rohani (2019) state that reading is a language skill that is very important to support success in obtaining knowledge or information. When reading, the primary cognitive or reasoning process works (Zhou et al., 2021). Based on Hall et al. (2019), reading is an activity to catch, understand, know, or get the literal pattern information.

Bojovic (2010) states that the process of obtaining and carrying the meaning of a text is called reading comprehension. It is the fundamental way to get and learn new information. Babayiğit (2014) argued that reading comprehension's more significant contribution is vocabulary knowledge and linguistic comprehension. Reading comprehension contributes to nature understanding, linguistic development, and skill, i.e., vocabulary knowledge, grammatical skill, and morphological knowledge (Cervetti et al., 2019). The main important component in reading comprehension for English learners is vocabulary and comprehending oral language (Spencer & Wagner, 2018). An activity that is helpful to get more knowledge or information is reading comprehension.

According to Soriano-Ferrer & Morte-Soriano (2017), an activity that makes the students motivated in reading is reading the text related to the theme they liked. Several aspects also influence reading motivation; engaging text, interpersonal, family or friends (social context), subject matter, or text genre. Almekhlafy & Alqahtani (2020) defined reading motivation as an essential factor, which plays a crucial role in reading development. Two factors influence the students' motivation based on a study conducted by Almekhlafy & Alqahtani (2020); motivated by themselves (intrinsic motivation) and motivated from outside (extrinsic motivation) (Almekhlafy & Alqahtani, 2020). These factors (intrinsic and extrinsic) can build the students' interest in reading (Rachmawati, 2018).

According to Rachmawati (2018), reading interest is someone's interest in reading. A person's interest in reading can be influenced by several factors such as encouragement from people around them, habits, to the reading material they use to read. Reading interest is necessary for learners to triumph. Therefore, it takes a high level of interest in reading (Khairuddin, 2013). Someone wants to read because they need to get information and knowledge (Önalın, 2005). In other words, interest in reading is a powerful desire followed by a feeling of pleasure to read (Walgermo et al., 2018). Based on Wigfield (2015), reading interest plays an essential position to achieve reading goals (getting knowledge and information).

In short, reading belongs to a cognitive activity that can make the students or readers get new information or knowledge by understanding the text. It also can motivate the students or readers to read the text. Intrinsic and extrinsic motivation are factors that influenced the students in reading. Interest in reading is a desire of someone who has been supported by high self-motivation. Through reading, students will get new information and knowledge by understanding the text. Reading interest can be proven by a person's willingness to look for reading material to read following the reading of interest.

2.2. The Essential of Vocabulary Acquisition

An essential element in language learning is vocabulary. Through language, someone can deliver ideas and feelings (Karagöz et al., 2014). Vocabulary is not only words but also meaning to help someone express existing ideas appropriately (Hariati, 2020). Vocabulary always appears in language skills (reading, listening, speaking, and writing) because it is vital in learning a foreign language. Besides foreign language, vocabulary is also a crucial aspect in second language learning (Sanosi, 2018). This statement supported the study conducted by Bi (2020), which stated that vocabulary is necessary to learn English.

There are several essential elements in learning a language in affecting the learners, such as students' motivation, students' giftedness, and the learning strategies to get new vocabulary (Leona et al., 2021). According to Muñoz (2017), factors that influence the students' motivation for vocabulary acquisition are enjoyable and satisfying activities. Students' gifted in vocabulary acquisition refer to the students' talent in learning the language to understand and memorize the new vocabulary (Çakır, 2014). Strategy in learning is acquired the students' vocabulary acquisition (Alharthi et al., 2020; Vela

& Rushid, 2016). Students' talent the vocabulary) can help foreign language learners or second language learners achieve language skills. For example, the language learners can speak when they know the words or vocabulary that they want to deliver to the listeners. Likewise, the listeners will understand what the speaker has spoken. The EFL learners will write and express their idea through written form when they know the vocabulary. Reading is a basic language skill that can help language learners get new vocabulary knowledge (Shahraki & Kassaian, 2011). According to Subon (2016), vocabulary knowledge is an essential element for foreign language learners or second language learners in achieving language acquisition. Based on the study conducted by Mahdavy (2011), extensive reading can help to achieve the students' vocabulary acquisition.

Vocabulary acquisition is an aspect that is necessary for teaching and learning language (Zhonggen, 2018). Thompson & von Gillern (2020) stated that vocabulary acquisition could develop language skills. Therefore, vocabulary is essential for writing, listening, reading, and speaking supported by general language proficiency. A large amount of new vocabulary is necessary to succeed with language learning. Vocabulary acquisition is the primary and crucial aspect of learning a foreign and second language. It means the language learners needed that vocabulary.

2.3. The relationship between Reading Interest and Vocabulary Acquisition

Research has established that vocabulary development is highly affected by extensive reading (Chun et al., 2012). Based on the study conducted by Alsaif & Masrai (2019), extensive reading can enrich the learners' vocabulary. Reading the text allows the learners to read and understand the text and receive the vocabulary (Moghadam et al., 2012). According to Iftanti & Shofiya (2018), extensive reading effectively contributes to English learners' increasing English competence and good reading habits. It also develops reading comprehension, vocabulary, grammar, writing, speaking, and listening for both second and foreign language learners. The other study showed that extensive reading could increase vocabulary acquisition (Chavangklang et al., 2019).

Study about reading and vocabulary did quantitatively by several experts. One of them is the study conducted by Farha & Rohani (2019). They reported that reading cognition could improve the students' sense of a text, motivating, and word stock (Farha & Rohani, 2019). If the students understand the vocabulary, they can easily comprehend the text and build their reading interest (Fitria, 2019). Targets several things, including motivation and repetition, help students understand their reading comprehension (Rumainah, 2018). According to Rahayuningsih (2020), students' understanding was mainly attributable to their reading habits and vocabulary acquisition. Students who have higher reading habit, they also have higher reading comprehension. To achieve reading comprehension, the students need to master vocabulary to guess the reading text (Rahayuningsih, 2020). Kigel et al. (2015) stated that to avoid the students' poor reading skills, it needed to give training that focuses on comprehending the text and mastering the vocabulary. Achieve Neumann's study (2020) by understanding to master text and the vocabulary, making the learners increase writing skill (Neumann et al., 2020). This statement is also supported by the study conducted by Novita & Juita (2020), which claims that reading interest and vocabulary mastery gave a higher contribution to students' writing skills (Novita & Juita, 2020). Writing skills, reading comprehension, and vocabulary acquisition also contribute to the learners' social skills (Sparapani et al., 2018). (Mousavi & Gholami, 2014) stated that using media in learning English has a positive effect. Their study showed that by watching flash and reading the subtitle was improved the vocabulary acquisition of students. Vocabulary acquisition contributed to the learners social can offer contributed to' vocabulary knowledge (skill sari et al., 2019). Another media in vocabulary learning is learning based on the game. The learners can read the message on the game or make the game's conversation (Yang et al., 2020). In light of these findings, it can be said that reading and understanding language appears to be

dependent on one's vocabulary. It also supports Ibrahim et al. (2016) 's statement the students need an essential component, namely vocabulary knowledge, in improving reading comprehension.

3. Method

3.1. Research Design

The researchers used a systematic literature review (SLR) method. It was used to systematically identify, analyze, interpret, and evaluate journals that follow predefined steps. The systematic literature review indicates the objective approach (clear set of rules) used to recognize the proper studies (Impellizzeri & Bizzini, 2012). It discussed the relevant inclusion, exclusion criteria, and a well-defined methodological analysis of chosen studies. The possibility of research bias was reduced if an SLR was carried out appropriately.

The researchers used a meta-analysis in analyzing the data. It is based on PRISMA (Fraihat et al., 2019; Hoque et al., 2017; Sibbritt et al., 2018). According to Shelby & Vaske (2008), meta-analysis systematically collects, synthesizes, and analyzes various reviews. A statistical device that is stable research and an authentic research method is called meta-analysis (Impellizzeri & Bizzini, 2012).

By the PRISMA guidelines, SLR searches were carried out using SLR studies' journals Scopus published from 2010 to 2020. Combining individual studies conducted by previous investigators enables in providing the estimate of the effect of the treatment. The quantitative synthesis of various studies is valid if the studies have been analyzed and gathered reasonably and systematically. Both SLR and meta-analysis are generally applied together. To obtain an accurate estimate, utilize the same population, methodology, and design. Literature search uses keywords relevant to the variables studied.

3.2. Different Stages of a Systematic Review

Numerous systematic literature reviews are needed to make the findings credible. Detailed procedures for the systematic review is provided in the picture above. To identify the issues, we utilize three main sources: Google Scholar, DOAJ, and Science Direct. From these three sources, we identify (n=135,000) articles from Google Scholar, (n=2,220) DOAJ, and (n=1,689) Science Direct. The researchers collected the data from those websites in articles that identified problems related to reading interest and vocabulary acquisition (n=138,909) articles. The researcher selects or filters data according to the topic to be studied, then filtered based on criteria; 1) the published Journals are not more than ten years (2010-2020), 2) Journal type (review articles, research articles), and 3) Full-text access to our papers from those criteria, the researchers found (n=18,000) articles in Google Scholar (n= 2,220) DOAJ, (n=820) Science Direct. Next, the researchers measure the quality of the journals by determining inclusion criteria such as 1) Journals are full text, 2) Journals that related to Reading Interest and vocabulary Acquisition 3) Journals discussed reading interest and vocabulary acquisition 4) Journals used a quantitative approach. Therefore, it was collected (n=13) Google Scholar (n=14) DOAJ, (n=13) Science Direct, (n=11) for the journals used quantitative approach. Lastly, the researcher extracts the data by searching and calculating all the journals that use the quantitative approach. It was found (n=11) journals used a quantitative approach.

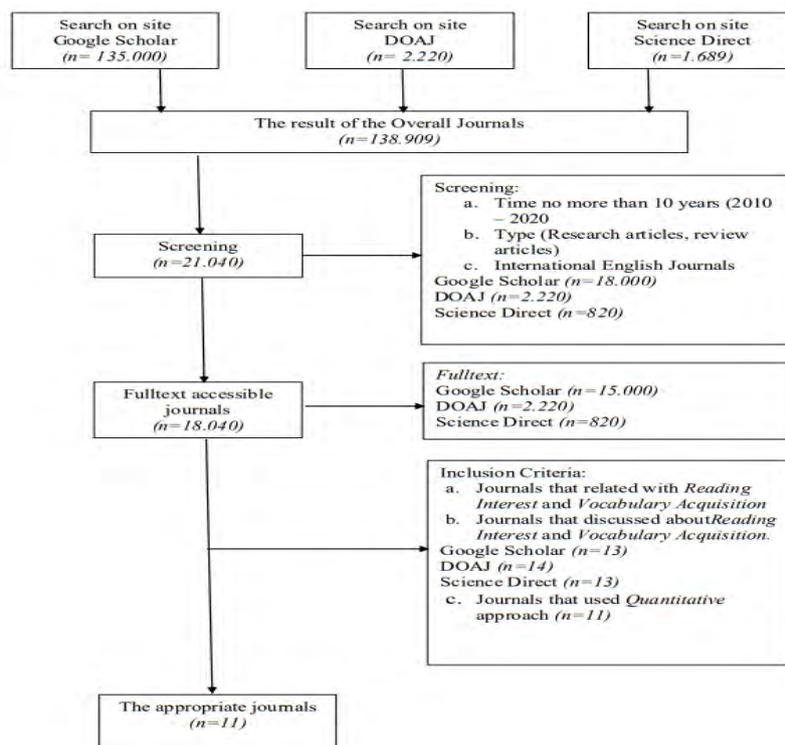


Figure 1. Systematic Literature Review

3.2.1. Identifying the Problems

Problem identification is an inventory of problems. The most important and fundamental of the other components is the research problem. To determine the quality of the research, researchers must include several issues. In this study, researchers examined various problems through international research journals derived from research reports. The issues in this research were Reading Interest and Vocabulary Acquisition.

3.2.2. Collecting the Data

The researchers applied several websites to access the journals, such as Google Scholar, DOAJ, and Science Direct, to collect the data. Based on the title examined, "The Investigation of Reading Interest and Vocabulary Acquisition: Systematic Literature Review and Meta-Analysis," the researchers utilized some keywords such as "Reading Interest" and "Vocabulary Acquisition" to find out the appropriate journals. The researchers also used a service to remove all the barriers to finding out the relevant journals.

3.2.3. Screening

Screening is one of the SLR method stages, where the researcher selects or filters data according to the topic to be studied. The issues examined in this study are "The Investigation of Reading Interest and Vocabulary Acquisition: Meta-Analysis." Journals are collected, then filtered based on criteria; 1) the published Journals are not more than ten years (2010-2020), 2) Journal type (review articles, research articles), and 3) Journals that can be accessed full text.

3.2.4. Assessing the Quality

The SLR method's quality assessment is the assessment of journal data sources suitable for use as a reference in preparing SLR research, which is the purpose of these journals to be further analyzed. The

quality of journals' characteristics, as 1) Journals are full text, 2) They fit the study needs of vocabulary and reading interests magazines considered reading and vocabulary acquisition were designed to use a quantitative approach.

3.2.5 *Extracting the Data*

Researchers could do the data extraction if all data that met the requirements (in the screening stage) are filtered. It could be known for sure from the amount of data that still meets the further analysis requirements. The researcher extracts the data by searching and calculating all the journals that use the quantitative approach.

3.3 *Population, Sampling Techniques, Sample, and variables*

3.3.1. *Population*

The population is a subject that fulfils the criteria set by the researcher. The population's criteria in this study were international journals related to students' interest in reading and vocabulary acquisition. The population used is 138,909.

3.3.2. *Sampling Technique*

The sampling method is a process of choosing numerous criteria from the population to represent the population. This procedure was used to collect representative samples from all research participants. The study applied the purposive sampling technique. The purposive sampling approach is a pattern determination technique by deciding on a sample most of the population according to the study's objectives and issues. The sample can constitute previously acknowledged population characteristics. The previous population's characteristics mentioned two criteria in this research: inclusion and exclusion.

Inclusion Criteria. The inclusion criteria used in the sampling technique of this study such as; 1) International journals related to "Reading Interest" and "Vocabulary Acquisition," 2) International journals discussed "Reading Interest" and "Vocabulary Acquisition."

Exclusion Criteria. The exclusion criteria used in the sampling technique of this study such as; 1) the correlation between "Reading Interest" and "Vocabulary Acquisition," and 2) the effect of "Reading Interest" and "Vocabulary Acquisition."

3.3.3. *Sample*

The sample was used as research subjects through sampling. Two conditions must be fulfilled in determining the sample; namely, the first is representative. The sample can represent the existing population, and the second, the sample must be sufficiently large. The samples in this study were 11 journals related to reading interest and vocabulary acquisition.

3.3.4. *Variables*

This study's variable can be defined as an attribute, nature, or value of people, objects, or activities with the researcher's particular variations. This study's independent variable was reading interest, while the dependent variable in this study was vocabulary acquisition.

3.4. *Data Analysis*

In collecting the data, the researchers collected secondary data from published research results from experts. The researchers' quality of each journal is of a high standard or indexed by Scopus, which uses three websites to find the journals, Google Scholar, DOAJ, and Science Direct. The researchers took journals in English, which used a quantitative research design or related to numbers

and contained correlation results. The researcher has determined the following table as a sample, which was listed in table 1:

Table 1. List of eleven studies

Author/Year	Country	Sample	Age	Gender	Correlation	SD	Mean	r
Farha & Rohani, 2019	Indonesia	71	16	Male & Female	.000	-	90.97	-
Fitria, 2019	Indonesia	47	14	Male & Female	.001	11.866	76.26	.986
Kigel, et al., 2015	Germany	712	9.1	Female	.500	1.30	3.54	.41
Mousavi And Gholami, 2014	Iran	28	10.5	Male & Female	.001	19.47	19.47	-
Neumann et al., 2020	Canada	60	20.7	Male & Female	.032	2.802	5.34	-.367
Novita, 2020	Indonesia	108	16	Male & Female	.944	-	72.55	-
Pecorari et al., 2019	Hong Kong	114	21.5	Male & Female	.870	9.83	41.61	.54
Rahayuningsih, 2020	Indonesia	30	17	Male & Female	.722	-	36.908	.722
Rumainah, 2018	Indonesia	86	20.5	Male & Female	.016	11.949	137.36	-.016
Sparapani et al., 2018	California	486	8.5	Male	.420	0.44	6.6	.45
Yang et al., 2020	Hong Kong	51	17	Male & Female	.210	12.72	72.24	-

Based on the table above, the researchers listed five categories. 2 categories were calculated and conclude the results in this study through the Jamovi application, samples, and correlation results of each journal. Thus, the results of these calculations can be presented in Table 2 and the forest plot.

4. Result

Table 2. The pooled correlation coefficient

Random-Effect Model (k=11)

	Estimate	Se	Z	p	CI Lower Bound	CI Upper Bound
Intercept	.485	.186	2.60	.009	.120	.850

As presented in table 2, the eleven studies that have been analyzed showed the pooled correlation coefficient represents 0.485, $p=0.009$. As an addition, the p-value did calculate the hypothesis accepted or rejected. Based on the meta-analysis, the p-value points out 0.009 with a significant level of 95%. A summary could be: reading interest and vocabulary acquisition greatly influenced how well the students learned to read.

Table 3. Heterogeneity Statistic

Tau	Tau ²	I ²	H ²	R ²	Df	Q	p
0.604	0.3651 (SE=0.1707)	97.96%	49.089	.	10.000	319.574	< .001

In table 3, The I² equation specified the variables as moderate or low. It was considered with the heterogeneity. Thus, the heterogeneity statistic presented the I²= 97.96%. It means that eleven studies that have been analyzed were very heterogenic. The data is heterogeneous if the value of I² shows a result of more than 50%.

Table 4. Publication Bias Assessment

Test Name	Value	P
Fail-Safe N	1470.000	< .001
Kendalls Tau	-0.055	0.879
Egger's Regression	-0.812	0.417

Note. Fail-safe N Calculation Using the Rosenthal Approach

To obtain the information and evaluation of research results, which show the correlation between reading interest and vocabulary acquisition from missing or unpublished journal articles, it needs to assess the bias publication. Table 4 showed publication bias from eleven studies, which calculate by using JAMOVI 1.6.7 software. From the publication bias assessment table, Fail-Safe N's value was 1470, which calculate by using the Rosenthal approach. The p-value of the Rosenthal approach was <.001, which meant the eleven studies involved were significant. As a result, it was determined that 1470 journals were not considered significant. Kendall was involved in a study that sought to find the relationship among students' attracted in reading and vocabulary acquisition. It showed -0.055 with a p-value of 0.485, which is more than 0.05. It can be concluded a publication bias was not found.

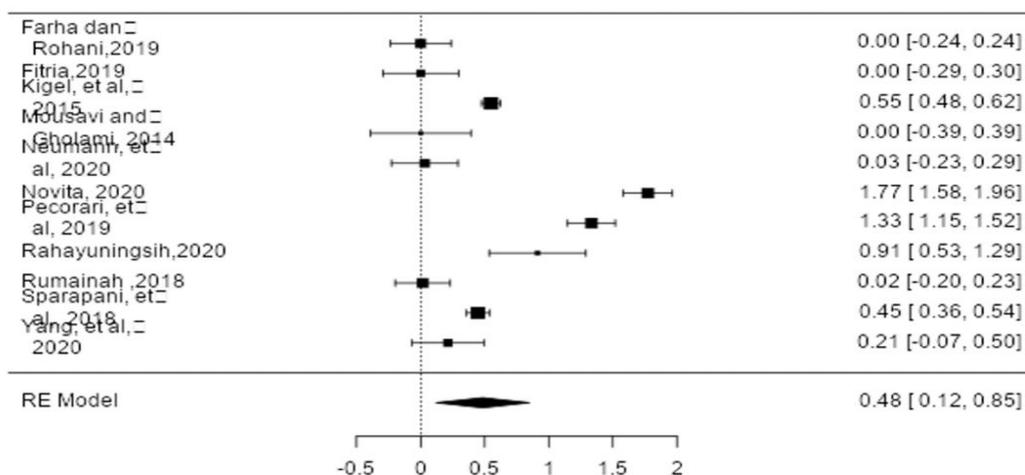
**Figure 2.** Forest Plot

Figure 2, The left column showed the studies used as the data collection in this study. The strip-line can be called a no-effect line. The black square represented the point estimate of the effect size of each study. The line on the sides of Black Square represented the confidence interval of 95%. The right

column represents the estimated value, CI lower bound, and CI upper bound. The black diamond below represents the estimated value of overall studies. Based on figure 2, the random effect model's diamond showed on the right side of the no-effect line with the estimated value of 0.48. Overall, studies appeared a significant correlation between vocabulary acquisition and reading interest.

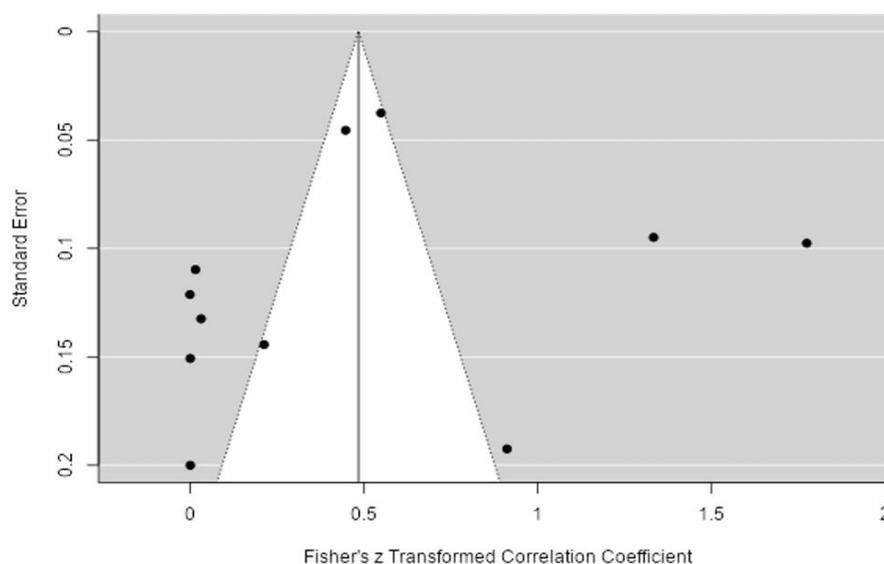


Figure 3. Funnel Plots of publication bias

The researchers applied a "funnel plot" to present the reasons for publishing bias in the meta-analysis. The defined outcomes the reading interest variable's impact on vocabulary acquisition. As seen in figure 3, the funnel plot reveals no bias, which means the study has a positive result. In short, more information is needed about the causes or factors that can affect students' attraction to reading and students' vocabulary acquisition.

As a result of the data analysis shown above, it was clear that there was a relationship between students' interest in reading and their vocabulary acquisition..

5. Discussion

This paper aimed to determine the correlation between students' reading interest and vocabulary acquisition, which was done using a systematic literature review and meta-analysis. Several stages (i.e.e identifying problems, gathering the data, screening, and compiling the assessment were all done to obtain the sample. The eleven studies collected as a sample and counted it through Jamovi software. The result obtained was a relatively moderate relationship between reading interest and vocabulary acquisition with pooled correlation = .485 (95% CI = .120 to .850). These meta-analysis findings were consistent with past literature that has reported that vocabulary interest was positively associated with vocabulary acquisition.

The study conducted by Marzban & Raeisi (2013) showed that the readers would obtain the new vocabulary knowledge by comprehending the text. It is necessary to develop vocabulary. When the learners have more engaged reading text, they will learn more words or vocabulary (Khezrlou & Ellis, 2017). A recent study about vocabulary showed the essential competence in vocabulary acquisition is reading understanding. The success of reading, listening, speaking, and writing is very predictable when the learners have the extent of vocabulary knowledge (Alavi & Akbarian, 2012). the research conducted by (Kamal, 2019) showed a beneficial component to extend the word stock. Ismail et al. (2019) reported that encouraging children to read positively impacted their overall language

development, among other things they found (Ismail et al., 2019). A study conducted by Li and Deng (2018) found that having a more excellent vocabulary via texting is associated with a positive result. They showed that reading vocabulary messages was helpful to support vocabulary learning.

Two studies conducted by Chen & Yen (2013); Varol & Erçetin (2016) reported that reading performs a dominant role in vocabulary acquisition. Another study conducted by Ong & Zhang (2018) stated that reading could improve the students' vocabulary. Code switched approach could be an approach to develop the students' vocabulary acquisition. Neumann et al. (2020) showed a positive result in their study. Prawiyogi et al. (2020) stated that improving their reading interest uses big book media, including texts and pictures. It can build the students' enthusiasm to read and get the vocabulary. Nurdiani et al. (2018), in their study, revealed the significant effect between reading comprehension and vocabulary acquisition. Their result showed that vocabulary mastery helped the contribution to students' writing ability. Swanson et al. (2015) discovered that reading significantly enhanced knowledge acquisition, the quality of content recall, and vocabulary. Vocabulary is a crucial part of text comprehension, and reading comprehension has been recognized by the study conducted by Welie et al. (2017). Their study presented a higher connection between vocabulary and metacognitive knowledge.

According to Numan Khazaal (2019), reading strategy has a significant role in mastering vocabulary. Reading can improve vocabulary (Vidal, 2011). Suk (2017) stated the extensive reading could develop reading skills L2 and increased L2 vocabulary mastery. Wasik et al. (2016); Cervetti et al. (2019); Wasik et al. (2016) displayed by reading and rereading the text can improve vocabulary. The research declares vocabulary mastery is derived from reading. (Pigada & Schmitt, 2006). The acquisition of English vocabulary can be influenced by reading. (Liu & Zhang, 2018). Kweon & Kim (2008), presented a significant vocabulary acquisition for pre-test and post-test 1. Then, the vocabulary is also obtained in Post-test 2.

On the other hand, several studies showed many EFL learners have a low interest in reading. One of them is the study conducted by Rachmawati (2018). Her study reported the EFL learners did the reading activity when they are in learning processes and when they are in examination (for answering the question) (Rachmawati, 2018). Reading activities has a low significance effect on vocabulary acquisition (Malin et al., 2014). Korat (2010) reported his research results, which showed that both children's groups showed significant development in vocabulary knowledge. Compared to first graders, kindergarten children showed better development of reading words. The outcome obtained were not able to sustain the hypothesis of the research. There is no difference of groups on one measure of vocabulary reading fidelity (Colenbrander et al., 2016).

According to Rachman (2018), the learners who have a low ability to understand the text cause them to be unmotivated in learning English, especially in reading English text. Soriano-Ferrer & Morte-Soriano (2017) stated students would have motivated to read when they read the engaging text. The interpersonal, family or friends (social context), subject matter, or genre of the text also influences them. In short, reading interest was beneficial for the students' vocabulary acquisition. It supported this study's result, which showed a positive relationship and was supported by the expert's past study. However, this study was constrained by factors that influence students' reading interest on vocabulary acquisition, such as lack of self-motivation and exciting media to read. Therefore, to make the students' interest in reading, they must be motivated and supported by exciting media. The higher self-motivation, the environment, and the attractive media, the better the students will increase their reading interest.

6. Conclusion

This study discusses reading interest strength in acquiring EFL learners' vocabulary acquisition. Reading interest is one of the alternatives for improving EFL learners' vocabulary acquisition. Vocabulary is the basis of learning English to support abilities in other fields, such as; reading, writing, speaking, and listening. The meta-analyzed findings showed an improvement of reading interest on students' vocabulary acquisition. Therefore, reading interest strength is one of the strategies to improve learner' vocabulary acquisition.

In conclusion, this can be deduced from previous studies that the more reading they do, the more words they learn. The research conclusion is a brief statement about the systematic analysis results derived from facts or logical relationships and contains answers to the problem formulation section's questions.

The overall response to the questions concerning the topic's scope includes many issues, but the form of the asked problems dictates the numbers. An increased interest in reading can help learners gain in their English vocabulary acquisition.

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