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## UNDERSTANDING INTERNAL LOCUS OF CONTROL: A BIBLIOMETRIC STUDY

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**Abstract:** *Those who have an internal locus of control feel that their success depends on their efforts, with an internal locus of control being able to prevent conflicts between family and work demands and reduce a person's stress level. This study aims to dig deeper into the internal locus of control. To achieve this goal, the researcher uses a bibliometric study that takes journals from science direct and uses VOSviewer to perform data analysis. There are 25 articles analyzed from 2020-2022. The results of this study describe 3 aspects, co-authorship, co-accuracy, and citation. The results of this study are expected to be a reference for further research, especially those that raise the title related to an internal locus of control*

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## INTRODUCTION

Internal locus of control is a situation in which a person feels that the success of a job depends on the efforts that have been made (Karkoulian et al., 2016). (Toti et al., 2021) shows that those with an internal locus of control believe that everything that happens in their lives is based on their actions. Internal locus of control can show which factors influence the outcome more between personal and contextual factors (Galvin et al., 2018). Those who have an internal locus of control can manage emotions and succeed in their way (Qurrahtulain et al., 2022).

A high internal locus of control in a person can balance work and life in his life (Michel et al., 2011). The internal locus of control in a person will make a greater contribution to the perceived work stress compared to the external locus of control (Karkoulian et al., 2016). Further. Internal locus of control is positively related to motivation, psychological empowerment, self-efficacy, and self-esteem (Zhou et al., 2016). Therefore, the researcher aims to dig deeper into the internal locus of control. important questions in this research are influence and productivity, popular keywords, most researchers, and most publications

## LITERATUR REVIEW

Internal locus of control is a situation in which a person feels that the success of a job depends on the efforts that have been made (Karkoulian et al., 2016). Those who have internal control are more enthusiastic about the organization (Afsar et al., 2020). The location of internal control can weaken the relationship between work anxiety and workplace deviance (Xiao et al., 2018). Someone with an internal locus of control is free to pursue certain goals at work, engages in more Organizational citizenship behavior (OCB), and

tries harder because they have the belief that they are in control of their destiny (Turnipseed, 2018). A person's internal locus of control is influenced by factors such as abilities, interests, and efforts (Evan, 2019). Someone who has an internal locus of control performs better in a new environment. Internal locus of control has been believed to be a predictor in identifying one's career adaptability (Kim & Lee, 2018). Those who have an internal locus of control believe that behavior can affect their health (Musich et al., 2020). Therefore, the researcher aims to dig deeper into the internal locus of control. important questions in this research are influence and productivity, popular keywords, most researchers, and most publications.

#### **METODE PENELITIAN (Cambria, size 12)**

The research design applied in this study was bibliometric. In addition, in this study, the researcher used 5 steps to collect data and conduct a comprehensive evaluation aimed at identifying the most influential studies (Fahimnia et al (2015). These steps can be seen in the chart below



**Figure 1. Five Stages of Bibliometric Literature Study Method**

**Source:(Fahimnia et al., 2015)**

1. Defining the appropriate search term  
In this research, the keyword used is internal locus of control in the direct science journal. The search was carried out in April 2022.
2. Initial search results  
There are several provisions in the selection of journals, including journals for the year 2020-2022 and having the type of article as a research article. Where data is collected from science direct.
3. Refinement of the search results  
The total number of journals obtained by using the keywords and conditions set was 25 articles from 2020-2022.
4. Initial data statistics  
A collection of articles that have complied with the stipulated provisions will be saved using the RIS format. At this stage, the researcher collects data such as the name of the researcher, year, year of publication, publisher, and keywords.
5. Data analysis  
Data analysis in this study was assisted by VOSviewer software to see co-authorship, co-occurrence, and citations. (Van Eck & Waltman, 2010) wrote that the VOSviewer software can be used to analyze the similarities between different objects.

## RESULT

Those who have an internal locus of control tend a higher organizational commitment (Afsar et al., 2020). The internal locus can reduce work anxiety and irregularities in the workplace (Xiao et al., 2018). Internal locus of control within a person will give that person the freedom to pursue certain goals at work, engage in more Organizational citizenship behavior (OCB), and try harder because the person has the belief that they can control their destiny (Turnipseed, 2018). This study aims to examine more deeply related to the internal locus of control. Sources from science direct during the 2020-2022 period. In this study, the researcher used VOSviewer to analyze the data by presenting 3 aspects: co-authorship, co-accuracy, and citation. The results of the analysis carried out can be seen in the explanation below.

### a. Co-Authorship

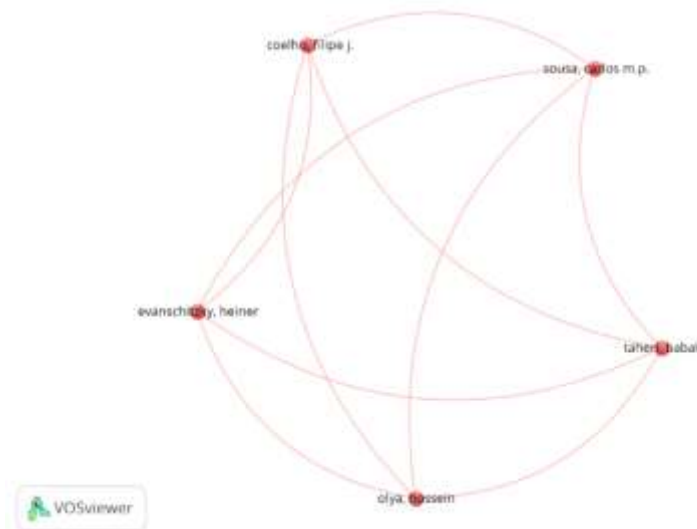


Figure 2. Co-Authorship (Related)

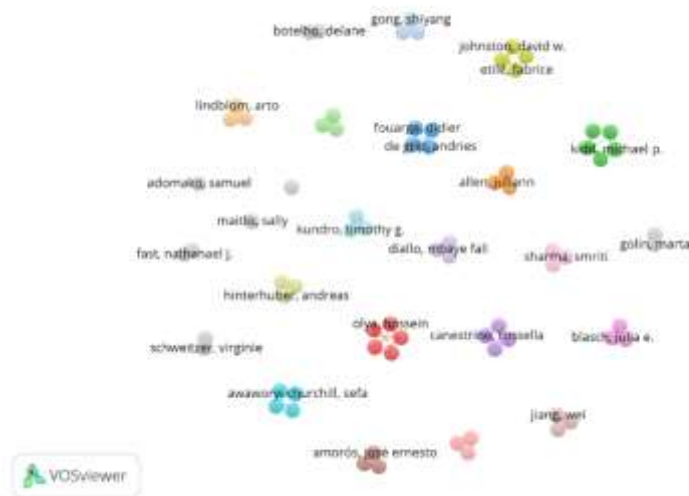


Figure 3. Co-Authorship (not related)

Figures 2 and 3 have been presented related to authors who have a connected network and those who do not have a connected network. Authors who have a connected network

mean they have a connection in conducting research. The author's network in Figure 1 only has 1 network color, namely red, which means that the network is the only network and is the strongest network. While in Figure 2, the author takes a theme related to an internal locus of control but does not have a relationship between one and another. In this article, there are a total of 25 authors who researched internal locus of control.

**b. Co-Accurrence**

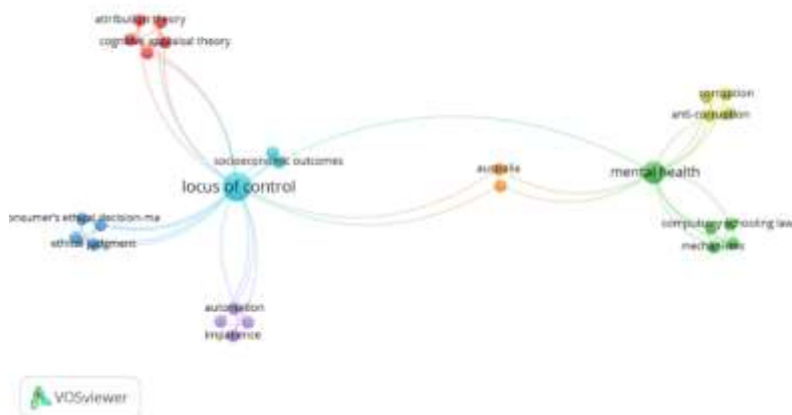


Figure 4. Co-Accurrence (Keywords)

The keywords obtained related to an internal locus of control are very diverse. Figure 3 seen that the internal locus of control has a direct relationship with mental health. Those with an internal locus of control can manage emotions and are always independent to achieve success (Qurrahtulain et al., 2022).

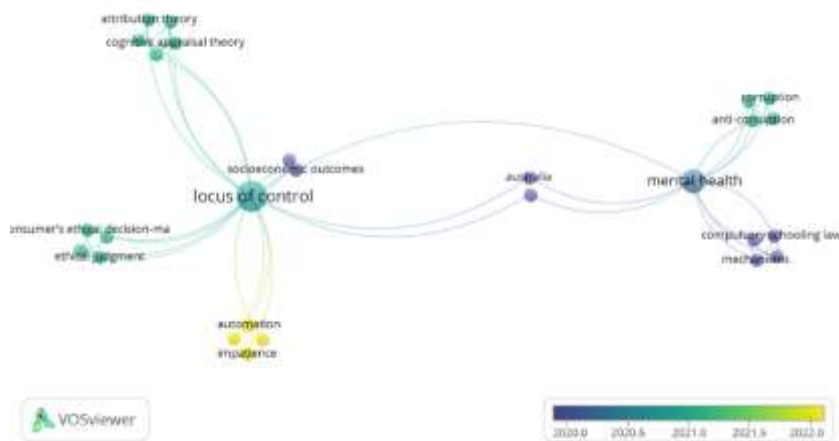


Figure 5. Overlay Visualization Co-Accurrence (Keywords)

The visualization overlay in Figure 4 can illustrate the extent to which keywords have developed from year to year, where the yellower the cluster means the more recent the research has been carried out. From Figure 4, it is known that the development of keywords in 2022 is relatively small with 2 keywords namely "automation" and "impatience".

Meanwhile, most keyword developments occurred in 2021. These findings can be used as input for further research to further explore the internal locus of control.

### c. Citation

Citation analysis is used to determine which articles have the greatest influence on the internal locus of control. Table 1 provides more detail regarding the top 10 cited on the topic of internal locus of control.

**Table 1. List of most citations**

No.	Publication Year	Author	Journal	Cites
1	2020	Canestrino <i>et al</i>	Journal of Business Research	34
2	2020	Awaworyi Churchill <i>et al</i>	Journal of Economic Behavior & Organization	13
3	2021	Amoros <i>et al</i>	Journal of Business Research	12
4	2020	Lindblom <i>et al</i>	Journal of Business Research	11
5	2020	Mol <i>et al</i>	Journal of Economic Behavior & Organization	9
6	2020	Salamanca <i>et al</i>	Journal of Economic Behavior & Organization	9
7	2021	Coelho <i>et al</i>	Journal of Business Research	6
8	2021	Hampson <i>et al</i>	Journal of Business Research	6
9	2021	Adomako	Journal of Business Research	6
10	2021	Schweitzer & Simon	Journal of Business Research	4

Based on table 1, the most citations are from research conducted by Canestrino *et al.*,(2020) with 34 citations until April 2022. The purpose of Canestrino *et al.*,(2020) research is to know that culture can affect social entrepreneurship (SE). by focusing on Global Leadership and Organizational Behavior Effectiveness. Research (Canestrino *et al.*, 2020) was published in the Journal of Business Research Volume 110.

the second citation is research from Awaworyi Churchill *et al.*,(2020) published in the Journal of Economic Behavior & Organization volume 178 with a total of 13 citations. The study aims to examine how the locus of control is indifferent to genders. From this research, it can be seen that gender is an important factor in the locus of control. the third-largest citation is research from Amoros *et al.*, (2021) which has been cited 12 times until April 2022. The purpose of the research is to compare welfare between entrepreneurs and non-entrepreneurs or to try to identify the factors that determine welfare. subjective to them.

From the results of the analysis that has been carried out, it is found that research related to an internal locus of control can be seen that the relationship between authors is still small. It can be seen that there is only 1 cluster in this study, so it is hoped that in the future more researchers will collaborate for higher-quality research results to be obtained.

The development of keywords from 2022 is still relatively small where there are only 2 new keywords. From the keywords, it is also known that locus of control can directly affect mental health. People with an internal locus of control can manage emotions and succeed in their way (Qurrahtulain *et al.*, 2022). Locus of control can be a major predictor of job

outcomes, from attitudes and work influences to motivation and behavior (Galvin et al., 2018). Internal locus of control is positively related to motivation, psychological empowerment, self-efficacy, and self-esteem (Zhou et al., 2016). The article that has the highest number of citations is the article that has the greatest influence on other studies. Internal locus of control citations is mostly research conducted by Canestrino et al. (2020).

## CONCLUSIONS

This study uses bibliometric analysis techniques to determine 3 main aspects: co-authorship, co-occurrence, and citation. The articles in this study were obtained from science directly for a period of 3 years, namely from 2020-2022. From the provisions that have been set through keywords and other limitations, there are 25 articles obtained.

## SUGGESTIONS

From this study, it can be seen that the development of research related to an internal locus of control is relatively small, so it can be concluded that further researchers can take the topic of internal locus of control to further deepen the impact and factors related to the topic.

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