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Bibliometric Analysis of Islamic Education Learning Loss in the COVID-19 Pandemic

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Abstract---This study seeks to objectively examine Islamic education and learning loss on COVID-19 in South Sulawesi and West Sulawesi. Apart from historical developments, the study attempts to survey the detailed, overt and covert planned manipulations of this practice for paranoid purposes. Furthermore, it investigates the inhumane treatment meted out to them as a result of the dreaded coronavirus pandemic, colloquially known as the research community for describing learning loss. The descriptive qualitative approach was used in this study, with data collection techniques such as documentation and data analysis techniques such as data collection, data display, data reduction, data analysis, and data conclusion. In the globalization era, Islamic education faces three challenges: cultural globalization challenges, low levels of social capital challenges, and structural, cultural, and human resource challenges. Meanwhile, the contribution of Islamic education in South Sulawesi can be divided into two major categories: character building contribution in the form of forming good man character, and scholastic contribution. Stakeholders have actually taken advantage of these opportunities. As a result, Islamic education not only exists, but it also contributes significantly to the advancement of education in South Sulawesi. The purpose of this article is to investigate the challenges, opportunities, and contributions of Islamic education about bibliometrics analysis of the term "Learning Loss and Islamic Education on COVID-19 Pandemic".

Keywords---bibliometric analysis, Islamic education, learning loss.

Introduction

These are challenges for teachers, educators, and all educational practitioners, not only in curriculum development but also in providing institution services. If

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Islamic education is prepared to face it, we believe that the globalization era will be a stepping stone in the development of Islamic education, increasing its existence and broadening its roles in Indonesian education development (Nuryana & Fauzi, 2020).

One of the most pressing societal consequences of the global response to COVID-19 has been the global increase in school closures, which has denied millions of children equitable learning opportunities and reduced their overall well-being. UNESCO estimated that by late March 2020, more than 190 countries had closed schools to slow the spread of COVID-19, disrupting the education of approximately 1.6 million students (Dorn et al., 2020).

Although there is widespread agreement that school closures can have irreversible effects on children's educational outcomes, there is little specific evidence on the extent of this harm. Also concerning is the possibility that school closures will exacerbate existing inequalities that were already concerning prior to the pandemic. According to the World Bank's pre-COVID-19 learning poverty measures, only 10% of children in low-income countries could read and understand a simple story by the age of 10, compared to 90% of children in high-income countries (World Bank, 2019). Unequal access to continuing education during COVID-19 school closures and after schools reopen may exacerbate this gap. While the true consequences of COVID-19 school closures on learning may not be known for several years, forecasting strength training and statistical simulations indicate a dire situation (Ritonga et al., 2021).

The high demands of life increase in globalization, affecting human tendencies to live materialism, consumerism, and hedonism lifestyles, commit violence, and use drugs. Because of these reasons, we cannot refuse or be a priori to all consequences that come with the flow of globalization, for example, under the guise of Western cultures and values.

Method

The online survey had 23 questions, including 22 multiple-choice and multi-select items and two open-ended questions. Depending on their role within the school, respondents answered between 13 and 17 multiple choice questions. All respondents provided an answer to one open-ended question. The survey first asked for respondents' demographic information, such as their school position, educational background, teaching experience, and home availability of technology, particularly learning loss due to the COVID-19 pandemic (Kuhfield & Tarasawa, 2020). The survey also gathered information about both the respondents' schools, such as their location, industry, and current participation in online learning.

The remainder of the survey covered three broad domain names: instructional technology implementation, shifting to online learning, and necessary support and feedback (Clark et al., 2021). Students agree their own readiness as well as the preparation of their schools to transition to online teaching, learning, and support.

They also assessed the current efficacy of online communication among educators, families, and students. The remainder of the survey covered three major domains: instructional technology application, shifting to online courses, and necessary support and feedback. Respondents rated themselves as well as their schools (Blaskó et al., 2021). The questionnaire's next section inquired about how teachers and schools were utilizing educational technologies to facilitate online learning. Respondents expressed some of their considerations about online learning and remotely helping teachers in the final section, including changes to planning and teaching time. Finally, the educators polled indicated which supports and feedback they thought would be most important in the future.

Respondents were presented with one of two open-ended reaction questions at the end of the interview. "Please let us know if there is any other feedback on the implications of distance teaching on this survey," stated its first open-ended question. The second issue posed was, "In 20 words or less, what else would you recommend as the best strategy for improving range learning by learning loss on the COVID-19 pandemic?"

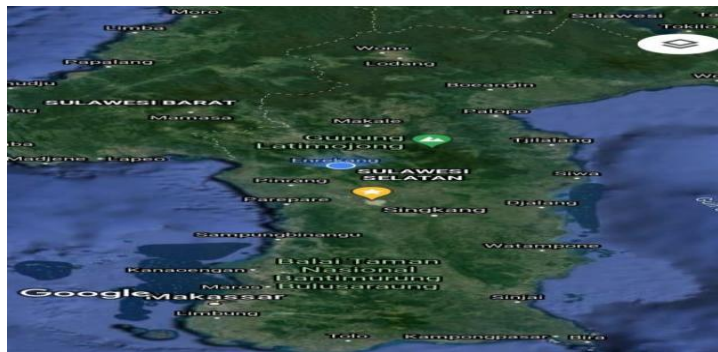


Figure 1. Research area mapping
(Source: Google Maps)

The study sample included all 1,332 survey responses, with roughly two-thirds coming from South Sulawesi and one-third coming from West Sulawesi. The research covered all of South Sulawesi's states as well as all of West Sulawesi's regions.

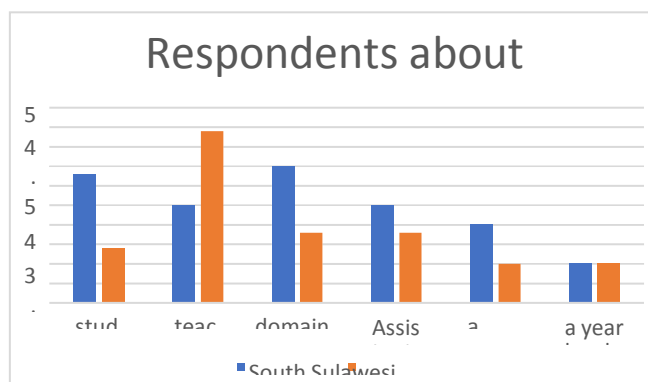


Figure 2. Roles of survey

Discussion

The spread of COVID-19 has turned into a public health crisis, which first erupted in Wuhan, China, in December 2019. It spreads quickly to over 213 countries, infecting 2.402.350 people. The total number of deaths recorded is 163.097, accounting for 6.78 percent of all infected cases. Given the severity of the virus's effects, WHO declared the current crisis a global pandemic, making it far more dangerous than previous pandemics such as SARS, MERS, and H1N1 or swine flu. The United States has accused China of developing COVID-19 as a biological weapon (Danchikov et al., 2021). However, Hao has denied this accusation, claiming that no traces of the virus were found in the Wuhan laboratory.

The South Sulawesi education system was not designed to withstand prolonged closures such as those caused by the COVID-19 pandemic (Hasan & Bao, 2020; Kaffenberger, 2021). Teachers, administrators, and parents have worked hard to keep learning alive; however, these efforts are unlikely to provide the quality of education that is currently delivered in the classroom. The context is even more disconcerting: persistent achievement disparities across income levels. School closures may not only result in disproportionate learning losses for these students, compounding existing gaps, but may also lead to an increase in dropouts (Sabates et al., 2021).

This study used qualitative research to explore learning loss on COVID-19 area in learning specialized as system (Azorín, 2020). Learning loss on COVID-19 was created in response to the education system's inability to address the majority's learning demands (Engzell et al., 2021). Learning loss on COVID-19 area is frequently seen as a system that is compared and contrasted to the well-known system of "formal education." These estimates were made before schools closed and the sometimes-chaotic transition to remote learning began. In this article, we investigate the potential long-term impact of COVID-19-related school closures on low-income students (Angrist et al., 2021).

Considering the severity that the virus causes, WHO declared the current crisis as global pandemic which is way more dangerous than other previous crisis such as SARS, MERS and H1N1 or swine flu. The USA has accused China as the one who develops COVID-19 as a biological weapon. However, Hao has denied this accusationsaying that there are no traces of the virus in Wuhan laboratory.

Indonesia is among the countries in South East Asia which is severely affected by this pandemic with a total case of 10.834. It also records 831 deaths as of May, 2nd 2020. It makes Indonesia the country with the highest fatality rate in the world. Othercountries such as the USA, Italia and Australia only record relatively lower death rate at around 6.78% . As a country with Muslim majority, Indonesia is prone to become a new epicenter because of Muslim praying culture which always involves close contact. Therefore, this article argues that it is important to reconstruct fiqh (Islamic jurisprudence) in the case of COVID-19 public health crisis. It is also because the social distancing policy doesn't seem to be effective in stopping infection rate. Furthermore, an emergency provision issued by

Indonesian council of Ulema has not given serious impact in preventing the spread.

The main cause of Indonesia's high fatality rate is the lack of health facilities, starting from the scarcity of masks, expensive hand sanitizers to the lack of COVID-19 Alert Hospitals. Besides, there are also social factors such as the anti-science attitude of religious leaders, especially micro-celebrities.

VOS viewer software was used to analyze the metadata articles obtained from the <https://www.scopus.com> database and website Google Scholar. The analysis sought to identify the most frequently occurring keywords. The frequency of the keywords could be arranged based on the researchers' preferences, and less relevant words could be removed. We limited the minimum correlation of the terms to ten when creating the visualization with VOSviewer. It obtained two excellent clusters after performing the analysis with VOSviewer. The authors chose the second cluster, which was related to Non-Formal Education. On three different visualizations for researchers, the software indicated bibliometric mapping: network visualization (Figure 3); overlay visualization (Figure 4); (Figure 5); density visualization (Figure 6); learning (Figure 7); network visualization.

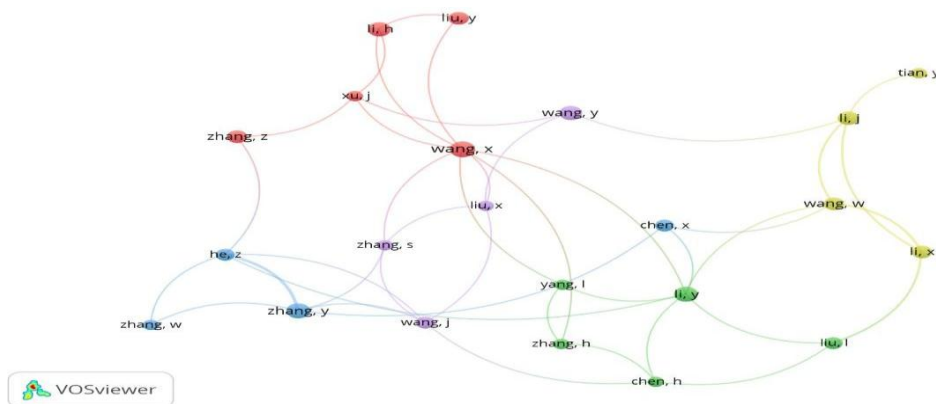


Figure 3. Authors of network visualization

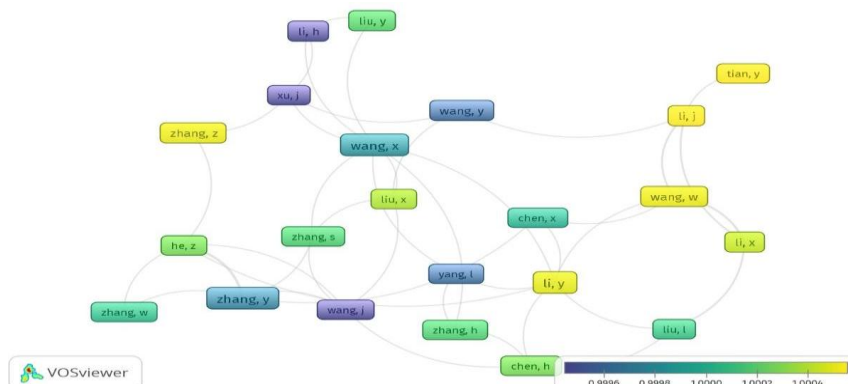


Figure 4. Authors of overlay visualization

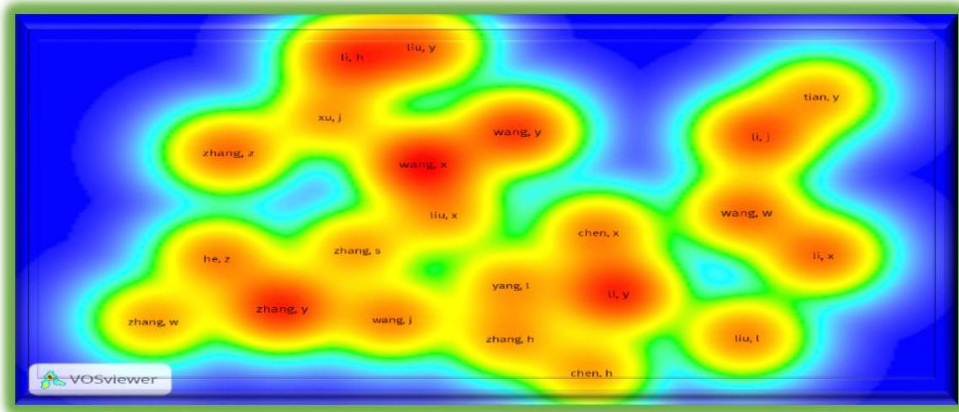


Figure 5. Density visualization

The difficulty of engaging students who require one-on-one attention, particularly the young, was a recurring theme. “I believe that online learning is a good tool for self-motivated students and students who want to work at their own pace, but it is far more difficult for those that need more encouragement and someone who is present in reality,” wrote one teacher.



Figure 6. Learning

Islamic education and loss of learning

Technological advancements in the industrial era 4.0 also influenced universities to improve learning quality (Hamidi et al., 2010). Of course, supporters include not only institute institutions, but also human resources with technological skills and adequate facilities as evidence of the quality of a higher education. Ahmed (2018), With the rise of higher education institutions that have implemented online learning or e-learning, some have already implemented mixed learning or blended learning as a solution to the current learning strategies. So, despite the fact that the blended learning model is still relatively new at Muhammadiyah University of Enrekang in South Sulawesi, the researcher took the initiative to conduct learning using it.

In order to do so, we developed statistical models to estimate the potential impact of school closures on learning. The models were developed based on academic research into the effectiveness of remote learning versus traditional classroom instruction for three different types of students (Rey-Martí et al., 2016; Hajduk, 2017; Zhang et al., 2019). This data was then analyzed in the context of three different epidemiological scenarios.

The amount of learning lost by students during school closures varies significantly depending on their access to remote learning, the quality of remote instruction, home support, and level of engagement. For the sake of simplicity, we have divided high school students into three archetypes. First, there are students who receive average-quality remote learning; this group progresses, but at a slower rate.

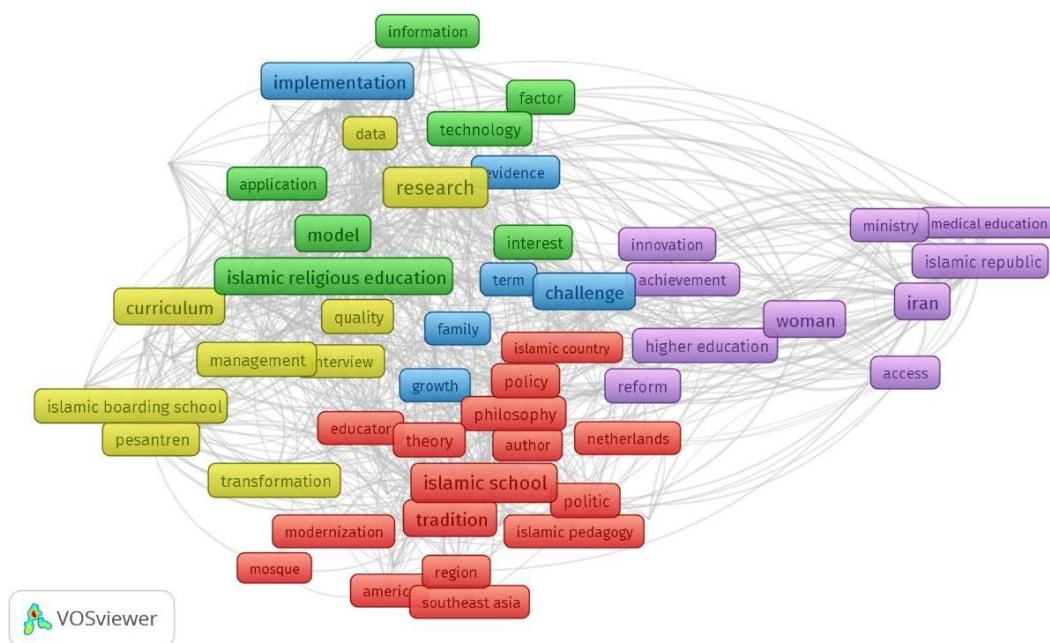


Figure 7. Network visualization

The implementation of a PIE study that is based Blended learning on the Islamic Education Study teaching materials course, which included face-to-face and online/online components, went well and increased student motivation and involvement. A traditional face-to-face lecture is one in which lecturers and students meet to develop learning objectives and hold discussions, whereas an online lecture is one in which lecturers and students meet to formulate learning objectives and hold discussions.

Conclusion

Teachers were split on the efficacy of online learning, with nearly equal numbers saying they were 'confident' and 'not confident.' However, approximately 80% of students believed they would require additional instructional support when they returned to school. When asked to name their top three concerns about location

learning on students, the most important considerations were: social isolation, a decrease in student well-being, and potential learning loss. Educators, in particular, prioritized students' social needs over learning loss. Respondents expressed concern about losing social connections with their students as well as the effectiveness of their teaching practice. "Distance teaching is a useful tool for supplementing and differentiating in-class teaching, but it cannot compensate for the loss of subtleties of social human interaction in the classroom," one writer wrote.

Blended Learning is a cutting-edge approach to modern education that allows students to be more active, engaging, communicative, self-reliant, and capable of solving their own problems by allowing them the flexibility of time and place. This blended learning model has received favorable feedback from students. Students' intensity, quality, and motivation are all growing. The excitement of students reflects their delight.

Acknowledgments

This study acknowledges that Islamic education and learning loss on COVID-19 can deliver personalized education to all, optimizing the ability of each student, but can also feel some sense of independence during the COVID19 isolation phase and one of the main aspects of online learning. The study proposes that Islamic education and learning loss on COVID-19 should implement a comprehensive and advanced pedagogical design to provide lessons in virtual classrooms during.

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