Does Financial Performance Mediate the Effect of Good Corporate Governance on Indonesian Ṣukūk Rating?

Dwi Sulistiani
Lecturer, Faculty of Economics and Business, Universitas Airlangga, Indonesia

Bambang Tjahjadi
Professor, Faculty of Education, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia

Received: 22 June 2021; Revised: 7 November 2021; Accepted: 27 December 2021

ABSTRACT. Ṣukūk is one of the products of Islamic financial institutions (IFIS), so the rating of such instruments should be considered. This study aims to provide empirical evidence of the influence of Good Corporate Governance on Ṣukūk rating, with financial performance as a mediating variable. Multiple regression, ordinal logistic regression and Sobel test were used to test the Assumptions on 222 Ṣukūk, which were listed on the Indonesia Stock Exchange as of December 31st, 2020. The results show that the supervisory board's size, independence, experience, and the audit committee's size and experience directly affect the Ṣukūk rating. Financial performance has also been shown to have a direct influence on Ṣukūk rating, which in turn can mediate the effect of the three elements of the Good Corporate Governance supervisory function on Ṣukūk rating, namely: the size of supervisory boards, the independence and the number of Sharīʿah supervisory boards. It is therefore important for companies to pay due attention to the Good Corporate Governance, especially with regard to the supervisory function and financial performance to support Ṣukūk rating. This study confirms that the existence of a Sharīʿah supervisory board can support the achievement of financial performance and Ṣukūk rating in IFIs.

Keywords: Ṣukūk, Good Corporate Governance, financial performance, Ṣukūk rating, Indonesia Stock Exchange.

JEL CLASSIFICATION: C14, D25, G34, M41, N25
KAUJIE CLASSIFICATION: H33, H65, J32, K16, L34, T4
1. Introduction

Credit rating is an essential indicator of the credit quality of a company. Bond rating information is also essential in providing information and improving the efficiency of the capital market (Bradford et al., 2019). The publication of such bond rating information can increase the transparency of securities, which in turn can reduce the information asymmetry between management, shareholders and bondholders. The publication of bond ratings can also reduce the monitoring costs that need to be incurred by the company (Chiang et al., 2017). Companies that issue bonds must be monitored and evaluated by a government-appointed rating agency (Alam et al., 2018), such as PEFINDO in Indonesia. \textit{Ṣukūk} ratings differ from other securities and are separate from the issuer (corporate) rating. \textit{Ṣukūk} requires an underlying asset that guarantees the use of the asset per the Shari'ah contract, and companies issuing \textit{Ṣukūk} are supervised by a national religious supervisor. The implementation and effectiveness of religiosity through Shari'ah guidance helps companies to better maintain ethics, which further reduces the problem of incentives and moral hazard behavior (Grassa, 2013). It is, therefore, interesting to examine \textit{Ṣukūk} rating, which contains an aspect of religiosity in their issuance.

In Agency Theory, agency costs are the sum of the monitoring costs incurred by the owner, the bonding cost incurred by the agent, and the residual income (Jensen & Meckling, 1976). Empirical research proves that corporate governance attributes mitigate not only agency conflicts between owner and manager but also potential conflicts between bondholders and shareholders that may lead to wealth transfer effects between them (Jiraporn et al., 2014; Alkhawaldeh, 2012; Hong, 2019). Public debt cannot be separated from bond ratings, which are influenced by corporate governance (Alali et al., 2012; Aman & Nguyen, 2013). Corporate governance is reflected in several different dimensions and measures. Based on the guidelines of the Indonesian Stock Exchange, the structure of corporate governance is divided into an executive function performed by the CEO (Chief Executive Officer) and the board of directors, and an oversight function performed by the board of commissioners and its supporting committees (www.idx.co.id). At the same time, according to Law No. 21 of 2008, for companies that conduct business activities according to Shari'ah principles, the existence of a Shari'ah supervisory board is added to the supervisory function (Menkumham, 2008). Previous research has examined MCMs with a focus on the oversight function, including examining the role of the supervisory board (Ntim et al., 2017; Elhaj et al., 2018; Sahabbudin & Hadianto, 2020), the board of directors (Grassa, 2016), Shari'ah board and the existence of an audit committee (Uhde et al., 2017; Putri & Prasetyo, 2020). However, previous research results provide inconsistent evidence on the effect of board size on bond ratings.

Several studies have found positive effects (Aman & Nguyen, 2013; Elhaj et al., 2018; Sahabbudin & Hadianto, 2020). Meanwhile, other researchers have found a negative impact (Altwijry, 2015; Zemzem & Zouari, 2016). There are even those who did not find any influence (Grassa, 2016; Mariana, 2016; Marfuah, 2016). Research on the impact of supervisory board independence on bonds rating also shows conflicting results. Some found a positive influence (Grassa, 2016; Sahabbudin & Hadianto, 2020), a negative influence (Marfuah, 2016; Mariana, 2016) and no effect (Altwijry, 2015; Zemzem & Zouari, 2016; Elhaj et al., 2018). Conflicting results also exist regarding the effect of audit committee's size on bond rating. Some studies show a positive influence (Marfuah, 2016; Sahabbudin & Hadianto, 2020) and others that show no effect (Mariana, 2016). The application of religious councils' authorizations is effective and efficient in monitoring management. The rating agency should also pay attention in the evaluation of \textit{Ṣukūk} rating (Grassa, 2016). Research on the association of Shari'ah board with bond rating also provides inconsistent results (Mseddi & Naifar, 2013; Grassa, 2016). For instance, OJK (Otoritas Jasa Keuangan) regulation number 34 of 2014 states that the remuneration committee is a committee formed to be able to provide suggestions regarding the remuneration of the
board of directors and their ranking for their performance (OJK, 2015). Their existence will be able to improve the performance of directors and employees, which will impact the company's performance (Elmagrhi et al., 2020).

Therefore, this study uses an intervening variable, namely financial performance, which is supposed to mediate the effect of GCG on Ṣukūk rating. Previous studies have successfully provided evidence of the influence of GCG on financial performance (Mahrani & Soewarno, 2018; Chou & Buchdadi, 2018; Ghalib, 2018; Kurniati, 2019; Darwanto & Chariri, 2019). Other studies can also provide evidence of an influence between financial performance and credit ratings (Elhaj et al., 2018; Skousen et al., 2018; Qizam & Fong, 2019; Dewi & Utami, 2020). Based on the above evidence, it can be concluded that financial performance is appropriate to be used as an intervening variable in the influence between GCG and Ṣukūk rating.

This study differs from previous research in several ways. First, this study uses the financial performance variable as a mediating variable in the effect of GCG on Ṣukūk rating, and previous studies have never used this mediating variable. Second, most previous literature examines governance through shareholders' perceptions (Quttainah et al., 2013). This research focuses more on the perspective of bondholders with specific reference to Islamic bonds (Ṣukūk). Only a few papers have studied the effect of corporate governance on bond ratings (Alkhawaldeh, 2012; Alali et al., 2012; Aman & Nguyen, 2013; Sahabbudin & Hadianto, 2020) and credit in Islamic banking (Grassa, 2016). Meanwhile, few have conducted specific research on Ṣukūk in this area. Third, the corporate governance of a Ṣukūk issuer differs from that of bond or equity issuers, which lies in the existence of a Sharī‘ah supervisory board that oversees the use of Ṣukūk funds to identify activities that do not violate the Sharī‘ah contract.

The emergence of a vigorous Sharī‘ah-compliant financial services sector concentrated in the Middle East and Asia represents an attempt to develop an independent financial system alongside the dominant one, and thus provides significant additional options for risk diversification (Sherif & Erkol, 2017). Much of the considerable asset growth in some countries has been fuelled by Ṣukūk, which are different from bonds or other debt instruments. Ṣukūk, like stocks, represent the ownership share of the assets of a project or a private investment activity; therefore, the rights of the Ṣukūk holder are determined in the assets of the project or company itself, while bonds are payable to the issuing company and are not linked to the specified assets (Aidi & Salama, 2019). As this difference is unique to Ṣukūk, it is worth exploring further.

This study aims to provide empirical evidence regarding the impact of supervisory function in GCG on Ṣukūk rating with financial performance as a mediating variable. This study makes a practical contribution to the prediction of Ṣukūk rating through governance, especially with the supervisory function performed by the Ṣukūk issuing company. This research is important in providing empirical evidence for corporate governance research related to Ṣukūk rating and financial performance, and it highlights the new developments in Ṣukūk including the role of the Sharī‘ah board and the remuneration committee.

2. Literature Review and Assumptions

2.1. Agency Theory

The Agency Theory assumes that the CEO (agent) has more crucial information, as the principal cannot monitor the activities of the company on a continuous and periodic basis. Since the principal does not have sufficient information about the agent's performance, he can never be sure how the effort contributes to the company's actual results. This conflict is then referred to as agency costs. Jensen & Meckling (1976) divide agency costs into three types: 1) monitoring costs, costs designed for the activities carried out by the agent; 2) bonding costs, to ensure that the agent will not act in a way that may harm the principal, or to ensure that the principal will provide remuneration if the agent does indeed take the right action; 3) the residual cost, which is equivalent to a decrease in principal-based welfare due to differences in interests. According to Islamic
principles, the agent is a fiduciary, so he does not need to be guaranteed unless he commits a breach through negligence or violation of instructions (Al-Masri, 2021: 204). The existence of the supervisory function in the MCM structure is one of the bonding costs that can ensure that the agent does not take actions detrimental to the principal. The board of commissioners (especially the independent ones), the Shari‘ah supervisory board, the audit committee and the remuneration committee under the board of commissioners are formed to supervise the managers (agents) to make the right decisions.

2.2. Sukūk (Islamic bonds)

Sukūk are securities of equivalent denominations representing ordinary shares in the ownership of property (a‘yan), returns, services or private investment activities. On the one hand, bonds depend on interest-based loans. On the other hand, Sukūk rely on the existence of legitimate assets that form the basis of the securitization process and generate income; investors own these assets based on their shares. It is not like a bond which is based on interest-based loans (Aidi & Salama, 2019). Also, unlike bonds, Sukūk issuers are not obliged to provide returns to investors if the investment performance is below expectations, so the risk of default is lower. In Sukūk, there should be no fixed payments to investors and the profit sharing is based on investment performance in the real economic sector (Aidi & Salama, 2019). Whether the Sukūk is equity-based (with similar characteristics to equities) or debt-based (with similar characteristics to convertible bonds in the conventional sense), the expected market reaction should not be the same as for bonds.

2.3. Sukūk rating

The credit rating agency (CRA) ranking indirectly affects income inequality, but also provides a better and broader understanding of income distribution, especially in developing countries (Biglaiser & McGauvran, 2021). Good Corporate Governance can affect the corporate bond rating. However, relative scale and audit fees have a negative effect on bond ratings. Bond specific attributes (collateral and credit size) are positively related to bond rating. Agency costs should be reduced with a reduction in shareholding, which in turn can benefit bondholders (Bradford et al., 2019). Shareholders who disagree with auditors have an impact on lowering yield spreads and bond ratings. Other test results also provide evidence that audit attributes (auditor seniority, auditor size, audit fees) and the auditor's characteristics affect the cost of debt based on perceived auditor's quality (Bao & Tanyi, 2020). Aman & Nguyen (2013) report that the better the company's governance, the higher its credit rating will be. Previous research has shown that credit rating has a negative effect on the size of the board of directors with 5% ownership, a positive effect on the rights of minority shareholders, and a positive effect on the quality of working capital accrual; and the speed of its acquisition is positively related to the independence of the board of directors and the ownership of the board of directors, while it is negatively related to the power of the CEO on the board of directors. Strong corporate governance will lead to a better credit rating, and the relationship is stronger for small companies than large ones (Alali et al., 2012). The credit rating estimation model is based on the financial information published by the company (Plakandaras et al., 2020). The structural MCM is divided into the executive functions, namely: CEO and oversight functions performed by the board of commissioners, remuneration committee and audit committee (Uribe-Teran & Mosquera, 2019). The above research results prove that there is an effect of corporate governance (CGM) on credit ratings. The better the corporate governance, the more reward the company will get by increasing its credit rating, including, in this case, its Sukūk rating.

2.4. Assumptions

Companies with good governance can guarantee their suppliers a return on the money invested in the form of dividends to shareholders, interest and principal to the bank, and coupons and principal to bondholders (Shleifer & Vishny, 1997). In implementing good governance, bond issuing companies must control the top management by appointing a supervisory board.
Indonesia adopts a two-tier system; as a result, there is a board of commissioners and directors in a company (Hartanto & Sulaksono, 2019). The resource-based view theory states that a large number of supervisory boards consisting of many experts are needed to provide advice to the board of directors to improve the performance of the company. Their existence will enable the company to achieve a high bond rating status (Aman & Nguyen, 2013; Elhaj et al., 2018). Directors are prohibited from investing the money from the issued bonds in dangerous projects favored by the controlling shareholders or distributing the money from the issued bonds as dividends to the company's shareholders. It is expected that the risk of outstanding bonds will decrease so that the rating status of the company's bonds will increase (Grassa, 2016).

Meanwhile, R. Khalil et al. (2020) found that independent directors with multiple directorships allocate their monitoring efforts unevenly depending on the relative prestige of the director. A bank loan from a company with a higher proportion of independent directors has a relatively higher bond rating. The attention of independent directors is associated with lower borrowing costs (Huang et al., 2018). The above research results prove the importance of having a board of independent commissioners to represent minority shareholders in a Ṣukūk issuing company.

Several studies have examined the different effects of the size of the Shari‘ah board. An Islamic board with a higher number of scholars will be an indirect incentive for the management's opportunistic behavior, which ensures better management decision-making and leads to better credit rating (Grassa, 2016). Previous research proves the importance of having a board of independent commissioners who are more numerous as a body to supervise Shari‘ah practices in Islamic banks (Grassa, 2013). The supervisory role of the Shari‘ah board will indirectly monitor and control the management activities to make better decisions to reduce the risk of default which in turn may affect its credit rating.

Accurate information must meet two principles, namely transparency and disclosure. Therefore, it is necessary to establish an audit committee that oversees the directors and ensures that these principles have been appropriately implemented (Grassa, 2016). If this committee can function properly, there will be a reduction in opportunistic board behavior. In addition, bond issuers will have a low risk of default and an increase in their rating status. The audit committee's effectiveness in performing this function depends on the number of individuals in the position: the more individuals in the audit committee, the better the rating status of the bonds (Marfuah, 2016). Based on previous research, it has been proven that the number of audit committees and their competence can affect a company's credit rating.

The effect of a remuneration committee has not been studied much, especially in Ṣukūk issuing companies. The remuneration of an independent committee strengthens the link between top managers' salaries and company performance. The independent remuneration committee pays top managers more (Usman et al., 2020). High salaries affect the performance of CEOs, which is consistent with the managerial premise because top managers who work for companies with better governance receive less income than companies with poor governance. The quality of the internal governance structure affects the sensitivity of performance payments. These results are consistent with the optimal contract theory and the managerial power assumption (Elmagrhi et al., 2020). More independent boards and larger companies strengthen the association between pay and performance (Blanes et al., 2020). The results of this study indicate that the existence of a remuneration committee can improve GCG, which in turn, affects increasing the rating of Ṣukūk.
Does Financial Performance Mediate the Effect of Good Corporate Governance on Indonesian Šukūk Rating?

101

Based on the above explanation, the first assumption of this research is as follows:

**H1: Each supervisory function in the GCG structure affects Šukūk rating.**

The empirical results confirm that the Sharī`ah board has a significant and positive effect on the financial performance of Islamic banks in terms of return on assets (as an indicator of return rate) and capital adequacy ratio (as an indicator of capital level), and has a negative effect on non-financial performance (as an indicator of funding risk). At the same time, the board of directors significantly affects the financial performance of Islamic banks, following the three components of the Sharī`ah supervisory board (Darwanto & Chariri, 2019). GCG and CSR (corporate social responsibility) mechanisms have a positive effect on financial performance and earnings management (Mahrami & Soewarno, 2018). Good Corporate Governance has a significant effect on stock returns in a negative direction but has no significant effect on financial performance (Kurniati, 2019). Bank governance scores can directly affect the performance of banks as measured by ROA and ROE. The bank governance score is positive and significant for ROA (Return On Asset) and ROE (Return On Equity) models. Bank stability is also favourable for bank performance, which shows an indirect contribution of GCG rating to bank performance.

Institutional ownership, a number of meetings and commissions have a significant positive effect on net working capital turnover (NWCT); only the number of commissioners variable is not proven. NWCT has a significant positive effect on ROE, while the variables of number of meetings and number of commissioners are not proven. NWCT is proven to mediate the relationship between several meetings and ROE, while the other variables are not proven (Wijaya, Rohman & Zulaikah, 2018). GCG is the most significant determinant of bank profitability. GCG and the combination of better credit risk management and the right business strategy can increase banks' profitability (Ghalib, 2018). The remuneration and nomination committee (CNC) has a negative relationship with executive remuneration (EC). While the variable of beneficial ownership (BO), which is used as the dependent variable in this study, reveals the possibility of agency problems or inactive block holder conditions that make the role of corporate supervision ineffective, as the results show that the more BO, the more EC, and worse corporate performance (Chou & Buchdadi, 2018). Based on the previous research results, the following assumption can be derived:

**H2: Each of the supervisory functions in the MCM structure affects financial performance.**

The reliability of the financial disclosure quantity (FDQ) affects Šukūk rating, but not that of bonds. Leverage is considered the most influential factor in rating Šukūk and bonds. FDQ, to some extent, was found to influence the relationship between ABR and Šukūk or bond rating. The distinction between Šukūk and bond issuers is not empirically proven. Furthermore, there is additional evidence that relevance stands out more than reliability, and bond ratings are more affected by financial size variability than Šukūk; further research is needed to confirm this. This is sufficient evidence of the extensive relevance of the value of financial disclosures in Šukūk and bond markets (Qizam & Fong, 2019). Thus, it can be concluded that there are performance differences between Šukūk and bonds in terms of corporate performance and rating. Meanwhile, based on the research results and data on the effect of profitability and liquidity on bond ratings and their effect on bond yields, it can be concluded that profitability has a significant effect on bond ratings, liquidity has no significant effect on bond ratings, and bond ratings have a significant effect on bond yields (Dewi & Utami, 2020). The above research provides evidence of the importance of financial performance in increasing a company's credit rating.

The results of other studies indicate that after controlling company characteristics, Šukūk rating is positively related to CEO-Chairman duality, board size and independence, and negatively correlated with leverage, while positively associated more with profitability and size. The results of this study also prove that having two positions in an organization, CEO and chairman, can increase the responsibility in corporate
decision-making and provide better rating performance of Šukūk. Furthermore, the results show that the larger the board size, the better the Šukūk rating. In addition, greater board independence leads to better ratings (Elhaj et al., 2018). There is a significant positive relationship between CEO network centrality and bond rating, indicating that companies with better-connected CEOs receive better bond ratings. Companies with better-connected CEOs experience a lower cost of debt, which is measured by bond yield. The results are consistent with the notion in social science that well-connected CEOs can provide positive outcomes and benefit their companies (Skousen et al., 2018). Based on the above explanation, the third assumption is derived as follows:

**H3: Financial performance affects Šukūk rating.**

Previous studies have successfully provided evidence of the influence of GCG on financial performance (Mahrani & Soewarno, 2018; Chou & Buchdadi, 2018; Ghalib, 2018; Kurniati, 2019; Darwanto & Chariri, 2019). Other studies can also provide evidence of the influence of financial performance on credit ratings (Elhaj et al., 2018; Skousen et al., 2018; Qizam & Fong, 2019; Dewi & Utami, 2020). A better supervisory function will lead to better governance, so it can improve the company's performance, which in turn can increase the rating of Šukūk issued. Based on the above evidence, it can be concluded that financial performance is appropriate to be used as an intervening variable in influencing the GCG on Šukūk rating.

**H4: Financial performance can mediate the effect of the supervisory function in the GCG structure on Šukūk rating.**

### 2.5. Control variable

This study uses company characteristics namely: company size, age and leverage as control variables. Company size shows the resources and capabilities of a company. Large companies tend to be more leveraged, which exposes them to a greater risk of bankruptcy. Previous research has shown that company size has a positive effect on the company's credit rating (de Souza Murcia et al., 2014; Borhan & Ahmad, 2018). The age of the company shows its maturity in managing the business. Previous research has shown that the age of the company affects the credit rating of the company (Marshall et al., 2019; Lin et al., 2020). Leverage shows how companies use their debt. The higher the company's debt relative to its equity, the greater the risk of default it may face. Previous research has proven that there is a negative influence between leverage and credit rating (Ashbaugh-Skaife et al., 2006; Harper et al., 2019).

### 3. Research Methodology

#### 3.1. Sample

This research examines Šukūk that were still outstanding as of December 31, 2020, which is 250 Šukūk. After using the purposive sampling method by eliminating 9 MTN (Medium Term Notes) Šukūk, 1 Šukūk whose company was already bankrupt, 3 Šukūk that did not pay until 2020 and 15 Šukūk with incomplete data, the final sample used was 222 Šukūk. Šukūk rating data was obtained from the Indonesia Bond Market Directory report on the official website of the Indonesia Stock Exchange. Data on the supervisory function of each Šukūk issuing company can be found in the annual report published one year before the issuance of each Šukūk. The supervisory function here is divided into the number of commissioners, percentage of independent boards of commissioners, number of Sharīʿah boards, length of experience of the Sharīʿah board, number of audit committees and length of experience of the audit committee, remuneration committee and length of experience of the remuneration committee exercising supervisory function in each Šukūk issuing company. These divisions perform supervisory functions according to their respective areas.

#### 3.2. Research Model

A structure-based oversight function in the MCM consists of a particular structure. First, is the existence of a Board of Commissioners and an independent Board of Commissioners. In Indonesia, which implements a two-tier system, there is a separation between the Board of Directors and the Board of Commissioners. On the board of commissioners, some commissioners are also shareholders of the company and a board of
Does Financial Performance Mediate the Effect of Good Corporate Governance on Indonesian Ṣukūk Rating?

An independent commissioner means that he or she has no relationship with the company, either as a shareholder or by serving in the executive structure of the company. This independent auditor is responsible for representing the minority shareholders, so his presence is necessary for the supervisory function. The second supervisory function is for companies that issue financial instruments with Sharīʿah contracts; for these, the existence of a Sharīʿah supervisory board is essential in the supervisory function. The number of Sharīʿah supervisory boards and their experience in this field are essential to ensure the implementation of Sharīʿah provisions. Third, there is the audit committee whose task is to review the company's financial statements and check whether they comply with the applicable accounting standards. Their existence and experience are necessary to ensure accountability and financial transparency in this area. Fourth, the remuneration committee is responsible for overseeing the awarding of remuneration for the executive function (company officer), to determine whether it meets the principles of fairness and honesty for all parties. Therefore, it is expected that the existence of the remuneration committee and its experience can achieve the GCGs in the company. Based on the above research model image, the following is the research equation model:

\[
\begin{align*}
\text{Ṣukūk Rating} &= \alpha + \beta_1 \text{Board size} + \beta_2 \text{Board Independent} + \beta_3 \text{Sharīʿah Board Size} + \beta_4 \text{Sharīʿah Board Experience} + \beta_5 \text{Audit Committee Size} + \beta_6 \text{Audit Committee Experience} + \beta_7 \text{Remuneration Committee Size} + \beta_8 \text{Remuneration Committee Experience} + \beta_9 \text{Leverage} + \beta_{10} \text{Firm Size} + \beta_{11} \text{Firm Age} + \epsilon \quad \text{(H1)} \\
\text{Financial Performance (ROA)} &= \alpha + \beta_1 \text{Board size} + \beta_2 \text{Board Independent} + \beta_3 \text{Sharīʿah Board Size} + \beta_4 \text{Sharīʿah Board Experience} + \beta_5 \text{Audit Committee Size} + \beta_6 \text{Audit Committee Experience} + \beta_7 \text{Remuneration Committee Size} + \beta_8 \text{Remuneration Committee Experience} + \beta_9 \text{Leverage} + \beta_{10} \text{Firm Size} + \beta_{11} \text{Firm Age} + \epsilon \quad \text{(H2)} \\
\text{Ṣukūk Rating} &= \alpha + \beta_1 \text{ROA} + \beta_2 \cdot \beta_4 \text{Control Variable} + \epsilon \quad \text{..............................................................(H3)} \\
\text{Ṣukūk Rating} &= \alpha + \beta_1 \text{Board size} + \beta_2 \text{Board Independent} + \beta_3 \text{Sharīʿah Board Size} + \beta_4 \text{Sharīʿah Board Experience} + \beta_5 \text{Audit Committee Size} + \beta_6 \text{Audit Committee Experience} + \beta_7 \text{Remuneration Committee Size} + \beta_8 \text{Remuneration Committee Experience} + \beta_9 \text{Financial Performance} + \beta_{10} \text{Leverage} + \beta_{11} \text{Firm Size} - \beta_{12} \text{Firm Age} + \epsilon \quad \text{............(H4)}
\end{align*}
\]

### 3.3. Measurement of variables

In order to better understand each variable, we describe below the definition, measurement and type of scale for each variable in this study, which is described in Table 1 on operational variables:

<table>
<thead>
<tr>
<th>Variable</th>
<th>Measurement</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dependent Variable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ṣukūk Rating, t-1 (y)</td>
<td>Ṣukūk rating by Pefindo AAA = 7, AA+ - AA- = 6, A+ - A- = 5, BB+ - BBB- = 4,</td>
<td>Ordinal</td>
</tr>
<tr>
<td></td>
<td>BB+ - BB- = 3, B+ - B- = 2, D-CCC+ = 1</td>
<td></td>
</tr>
<tr>
<td>Independent Variable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supervisory Board Size, t-1 (x1a)</td>
<td>Number of commissioners a year prior to the issuance of the Ṣukūk</td>
<td>Ratio</td>
</tr>
<tr>
<td>Supervisory Board Independent, t-1 (x1b)</td>
<td>The ratio of the independent board of commissioners to the board of commissioners a year before the issuance of the Ṣukūk</td>
<td>Ratio</td>
</tr>
<tr>
<td>Sharīʿah Supervisory Board Size, t-1 (x2a)</td>
<td>Number of Sharīʿah supervisory boards a year before the issuance of the Ṣukūk</td>
<td>Ratio</td>
</tr>
<tr>
<td>Sharīʿah Supervisory Board Experience, t-1 (x2b)</td>
<td>The average length of experience of the Sharīʿah board in this field is a year before the issuance of the Ṣukūk</td>
<td>Ratio</td>
</tr>
</tbody>
</table>
3.4. Assumption Testing Methods

Descriptive statistics were used to provide an overview and distribution of the research data. At this stage, they were used to determine the mean, median, standard deviation, minimum and maximum values that can provide information about the data distribution. Once the descriptive statistics were determined, the next step was to test the feasibility of the research model. Next comes assumption testing. This study used the same methodology as that used by (Ashbaugh-Skaife et al., 2006). The results of the empirical tests based on the above model were aimed at examining the effect of GCG supervisory function on Ṣukūk rating. Since the dependent variable (Ṣukūk rating) is an ordinal scale, this study uses ordinal logistic regression to test the Assumptions, as the seven categories of Ṣukūk rating are on an ordinal scale. The effect of GCG supervisory function on financial performance was tested by multiple regression. At the same time, the indirect effect of GCG supervisory function on Ṣukūk rating was tested through the financial performance calculated using Sobel test. After testing the assumption, the next step was to interpret the results and finally draw the study's conclusions, limitations and implications.

Descriptive statistics describing the data distribution across all observations in this study are presented in Table 2.

Table 2. Basic Statistics

<table>
<thead>
<tr>
<th>Variable</th>
<th>N</th>
<th>Mean</th>
<th>Median</th>
<th>StDev</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ṣukūk rating</td>
<td>222</td>
<td>6.3108</td>
<td>7.0000</td>
<td>1.1003</td>
<td>1.0000</td>
<td>7.0000</td>
</tr>
<tr>
<td>Supervisory Board Size</td>
<td>222</td>
<td>6.613</td>
<td>6.000</td>
<td>2.191</td>
<td>3.000</td>
<td>10.000</td>
</tr>
<tr>
<td>Supervisory Board Independence</td>
<td>222</td>
<td>0.3302</td>
<td>0.3333</td>
<td>0.1771</td>
<td>0.0000</td>
<td>1.0000</td>
</tr>
<tr>
<td>Sharīʿah Supervisory Board Size</td>
<td>222</td>
<td>0.8694</td>
<td>0.0000</td>
<td>1.2389</td>
<td>0.0000</td>
<td>3.0000</td>
</tr>
<tr>
<td>Sharīʿah Supervisory Board Experience</td>
<td>222</td>
<td>2.511</td>
<td>0.0000</td>
<td>3.934</td>
<td>0.0000</td>
<td>17.000</td>
</tr>
<tr>
<td>Audit Committee Size</td>
<td>222</td>
<td>3.5586</td>
<td>3.0000</td>
<td>1.4122</td>
<td>0.0000</td>
<td>7.0000</td>
</tr>
<tr>
<td>Audit Committee Experience</td>
<td>222</td>
<td>3.525</td>
<td>2.833</td>
<td>2.964</td>
<td>0.0000</td>
<td>13.667</td>
</tr>
<tr>
<td>Remuneration Committee Size</td>
<td>222</td>
<td>2.968</td>
<td>4.000</td>
<td>1.939</td>
<td>0.0000</td>
<td>6.0000</td>
</tr>
<tr>
<td>Remuneration Committee Experience</td>
<td>222</td>
<td>1.6814</td>
<td>1.7500</td>
<td>1.3803</td>
<td>0.0000</td>
<td>5.6667</td>
</tr>
<tr>
<td>Financial Performance</td>
<td>222</td>
<td>0.0123</td>
<td>0.0092</td>
<td>0.0289</td>
<td>-0.0572</td>
<td>0.0769</td>
</tr>
<tr>
<td>Leverage</td>
<td>222</td>
<td>18.168</td>
<td>17.821</td>
<td>1.708</td>
<td>15.168</td>
<td>21.184</td>
</tr>
<tr>
<td>Firm Size</td>
<td>222</td>
<td>3.6585</td>
<td>3.9703</td>
<td>0.5822</td>
<td>2.3979</td>
<td>4.7791</td>
</tr>
<tr>
<td>Firm Age</td>
<td>222</td>
<td>0.4596</td>
<td>0.3766</td>
<td>0.2252</td>
<td>0.0873</td>
<td>0.8953</td>
</tr>
</tbody>
</table>

Notes: This table reports summary statistics for the variables include in our main regressions.

Source: Authors’ Own
Based on Table 2 above, we see that the average Ṣukūk rating is 6.3, meaning it has an AA-, AA or AA+ rating. The average number on the board of commissioners is 6.6 or rounded to 7 people in each company. The average percentage of independent commissioners is 33% of the full board of commissioners. The number of Sharī‘ah supervisory boards is 0.86 or rounded to 1. This proves that not all Ṣukūk have a Sharī‘ah supervisory board in their company. The experience of the Sharī‘ah supervisory board is an average of 2.5 years having served in the same position in the company concerned and in other companies. The average number of audit committees is 3.55 or rounded to 4 people with an average experience of 3.5 years. The average number of remuneration committees is 2.9 or rounded to 3 people with an average experience of 1.68 or rounded to 2 years. The intervening variable in this study is financial performance as measured by ROA with an average of 0.01232, meaning that the net profit of the Ṣukūk issuing company to its total assets is 1.23%. This is because several Ṣukūk issuing companies suffered losses the year before issuing the Ṣukūk. The structure of the supervision function in GCG coupled with the company's financial performance and three control variables greatly influence the Ṣukūk rating, with an adjusted square value of 95.3%. Therefore, a company issuing Ṣukūk must pay attention to the structure of the supervision function within the company to increase its Ṣukūk rating.

4. Findings

4.1. The effect of the supervisory function in the GCG structure on Ṣukūk rating

The first assumption of this study examines the effect of each supervisory function of the GCG on Ṣukūk rating. The supervisory function of GCG greatly influences Ṣukūk rating, as shown by the concordance value of 95.3%. This means that 95.3% of the Ṣukūk rating is influenced by the structure of the GCG supervisory function, while other factors influence the rest, and it shows that the existence of a supervisory function in a company is essential, especially to increase the rating of the Ṣukūk it issues. The results of the first assumption test can be described as follows:

<table>
<thead>
<tr>
<th>Variable</th>
<th>Coef</th>
<th>SE Coef</th>
<th>p-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Constant</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supervisory Board Size</td>
<td>-0.5385***</td>
<td>0.1695</td>
<td>0.001***</td>
</tr>
<tr>
<td>Supervisory Board Independent</td>
<td>7.9743***</td>
<td>1.6691</td>
<td>0.000***</td>
</tr>
<tr>
<td>Sharī‘ah Supervisory Board Size</td>
<td>-0.2903</td>
<td>0.3393</td>
<td>0.392</td>
</tr>
<tr>
<td>Sharī‘ah Supervisory Board Experience</td>
<td>-0.4697***</td>
<td>0.1163</td>
<td>0.000***</td>
</tr>
<tr>
<td>Audit Committee Size</td>
<td>0.7063**</td>
<td>0.2790</td>
<td>0.011**</td>
</tr>
<tr>
<td>Audit Committee Experience</td>
<td>-0.2171**</td>
<td>0.1080</td>
<td>0.044**</td>
</tr>
<tr>
<td>Remuneration Committee Size</td>
<td>-0.1150</td>
<td>0.2069</td>
<td>0.578</td>
</tr>
<tr>
<td>Remuneration Committee Experience</td>
<td>-0.3419</td>
<td>0.3448</td>
<td>0.321</td>
</tr>
<tr>
<td>Leverage</td>
<td>-1.4247***</td>
<td>0.3087</td>
<td>0.000***</td>
</tr>
<tr>
<td>Firm Size</td>
<td>1.1346**</td>
<td>0.4626</td>
<td>0.014**</td>
</tr>
<tr>
<td>Firm Age</td>
<td>6.4484***</td>
<td>1.6466</td>
<td>0.000***</td>
</tr>
</tbody>
</table>

Source: Authors’ Own

The results of the direct effect test of supervisory function on Ṣukūk rating in Table 3 prove that all the elements can exert influence, except the size of Sharī‘ah supervisory board, the size of the remuneration committee and their experiences. The number of supervisory boards, the experience of the Sharī‘ah supervisory board, the experience of the audit committee and the leverage have a negative effect on the rating of Ṣukūk. This means that the more boards and the more experience, the lower the Ṣukūk rating. On the other hand, the increase in the number of audit committees, the independence of the supervisory board, the size and age of the company have a positive effect, which means that the Ṣukūk rating results are higher. This result proves that an
experienced supervisory function has indeed lowered Şukūk rating. This indicates that a Şukūk with a low rating requires staff in more supervisory functions and involves people with longer experience than Şukūk with a high rating.

4.2. The effect of the supervisory function in the GCG structure on financial performance

The GCG supervisory function model, which consists of nine financial performance variables, has an R-squared value of 46.26%. This means that 46.26% of financial performance is influenced by the supervisory function in the GCG structure, while other factors influence the rest.

<table>
<thead>
<tr>
<th>Variable</th>
<th>Coef</th>
<th>SE Coef</th>
<th>p-Value</th>
<th>VIF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Constant</td>
<td>0.0129</td>
<td>0.0219</td>
<td>0.555</td>
<td></td>
</tr>
<tr>
<td>Size of the Supervisory Board</td>
<td>-0.0061***</td>
<td>0.0010</td>
<td>0.000***</td>
<td>2.17</td>
</tr>
<tr>
<td>Supervisory Board Independent</td>
<td>0.0478***</td>
<td>0.0100</td>
<td>0.000***</td>
<td>1.44</td>
</tr>
<tr>
<td>Size of the Sharī’ah Supervisory Board</td>
<td>0.0131***</td>
<td>0.0022</td>
<td>0.000***</td>
<td>3.57</td>
</tr>
<tr>
<td>Experience of the Sharī’ah Supervisory Board</td>
<td>-0.0011</td>
<td>0.0009</td>
<td>0.215</td>
<td>5.50</td>
</tr>
<tr>
<td>Size of the Audit Committee</td>
<td>-0.0025</td>
<td>0.0015</td>
<td>0.111</td>
<td>2.21</td>
</tr>
<tr>
<td>Audit committee experience</td>
<td>-0.0011*</td>
<td>0.0006</td>
<td>0.077*</td>
<td>1.63</td>
</tr>
<tr>
<td>Size of the Remuneration committee</td>
<td>0.0035***</td>
<td>0.0013</td>
<td>0.008***</td>
<td>2.97</td>
</tr>
<tr>
<td>Remuneration committee Experience</td>
<td>-0.0011</td>
<td>0.0019</td>
<td>0.542</td>
<td>3.03</td>
</tr>
<tr>
<td>Leverage effect</td>
<td>0.0012</td>
<td>0.0013</td>
<td>0.360</td>
<td>2.13</td>
</tr>
<tr>
<td>Company size</td>
<td>0.0047</td>
<td>0.0030</td>
<td>0.123</td>
<td>1.41</td>
</tr>
<tr>
<td>Age of the company</td>
<td>-0.0401***</td>
<td>0.0125</td>
<td>0.002***</td>
<td>3.63</td>
</tr>
</tbody>
</table>

Source: Multiple regression results
Source: Authors' Own

The results of the statistical output in Table 4 show that there are 5 structures of the supervisory function in the GCG that affect financial performance, namely: the size of the supervisory board, and the size of independent supervisory boards. The size of the Sharī’ah supervisory boards, the experience of the audit committee and the size of the remuneration committee in Şukūk issuing companies. On the other hand, the experience of the Sharī’ah supervisory board, the audit committee's size and the remuneration committee's experience do not affect the financial performance. As far as the control variables are concerned, only company size has an impact on Şukūk rating. This shows that the size of the company is taken into account by PEFINDO in determining the rating of Şukūk. The number of supervisory board and audit committee experiences has a negative effect, while the number of independent auditors, the number of Sharī’ah supervisory boards and the number of remuneration committees have a positive effect on financial performance. This proves that a company's financial performance is influenced not only by the number of people involved in the supervisory function or their experience, but also by other factors.

4.3. The effect of financial performance on Şukūk ratings

The feasibility of this model, which is indicated by the concordant value, is 89%. This means that 89% of Şukūk rating is influenced by the company's performance, while other factors influence the rest. After the model was declared fit, it could continue to test the Assumptions. The research results regarding the effect of financial performance as represented by ROA on Şukūk rating can be proved in the following table:

<table>
<thead>
<tr>
<th>Variable</th>
<th>Coef</th>
<th>SE Coef</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Const-Şukūk Rating C &amp; D</td>
<td>22.3852***</td>
<td>4.3535</td>
<td>0.000***</td>
</tr>
<tr>
<td>Const-Şukūk Rating BBB</td>
<td>23.1120***</td>
<td>4.3291</td>
<td>0.000***</td>
</tr>
<tr>
<td>Const-Şukūk Rating A</td>
<td>23.5288***</td>
<td>4.3238</td>
<td>0.000***</td>
</tr>
</tbody>
</table>
Table 5 provides the results of the test on the effect of financial performance (ROA) on Sukūk rating. This study proves its effect positively. This shows that profitability is one of the elements that determine the rating of Sukūk issued by a company; the higher the company's performance, the higher the Sukūk rating. At the same time, the only control variable that affects this model is the company's leverage, while the other variables have no effect. This proves that the leverage of the company is important enough to determine the Sukūk rating of the company.

4.4. The indirect effect of the supervisory function in the GCG structure on Sukūk rating through financial performance.

The last assumption tested the ability of financial performance to mediate the association between GCG supervisory function and Sukūk rating. This indirect effect was tested using the online Sobel test. The results of the study are presented in Table 6 below:

Table 6. Fourth Assumption Test

<table>
<thead>
<tr>
<th>Note</th>
<th>Test statistics</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>x1a to y through z</td>
<td>-1.8125*</td>
<td>0.0699*</td>
</tr>
<tr>
<td>x1b to y through z</td>
<td>1.7629*</td>
<td>0.0779*</td>
</tr>
<tr>
<td>x2a to y by z</td>
<td>1.8966*</td>
<td>0.0579*</td>
</tr>
<tr>
<td>x2b to y by z</td>
<td>-1.0397</td>
<td>0.2985</td>
</tr>
<tr>
<td>x3a to y through z</td>
<td>-1.2258</td>
<td>0.2203</td>
</tr>
<tr>
<td>x3b to y through z</td>
<td>-1.2977</td>
<td>0.1944</td>
</tr>
<tr>
<td>x4a to y through z</td>
<td>1.5510</td>
<td>0.1209</td>
</tr>
<tr>
<td>x4b to y through z</td>
<td>-0.5832</td>
<td>0.5598</td>
</tr>
</tbody>
</table>

Source: http://quantpsy.org/sobel/sobel.htm

From Table 6, it can be concluded that financial performance, as measured by ROA, can influence the association between the supervisory function, including the number of supervisory boards, the percentage of independent supervisory boards, the number of Sharī‘ah supervisory boards, and Sukūk rating. However, the financial performance failed to mediate the association of other supervisory function structures to Sukūk rating. The results of this study prove that the existence of a supervisory board, independent supervisory board and Sharī‘ah supervisory board is necessary to increase the Sukūk rating of a company.

5. Discussion and Implications

A growing body of research focuses on the attributes of corporate governance from the perspective of bondholders (Alali et al. 2012; Alkhawaldeh. 2012; Aman & Nguyen. 2013; Jiraporn et al. 2014). Empirical research proves that corporate governance attributes mitigate not only agency conflicts between owners and managers but also potential conflicts between bondholders and shareholders that may lead to wealth transfer effects between them (Alali et al.. 2012; Aman & Nguyen. 2013; Jiraporn et al.. 2014). Therefore, GCG is needed which can help to reduce these conflicts. One of the most important functions of GCG is the supervisory function to create responsibility, accountability, transparency, independence and fairness between the parties with interest in the Sukūk issuing company.

The results of this study prove that the supervisory function is very important in GCG, as
it can affect the company's performance and Šukūk rating. It has also been shown that the independence of the supervisory board affects the financial performance and Šukūk rating of a company. Companies with a high percentage of independent boards have relatively higher credit ratings and better financial performance (R. Khalil et al., 2020; Huang et al., 2018). An independent supervisory board is necessary to represent minority shareholders in a Šukūk issuing company. In addition, the existence of the Sharīʿah supervisory board in a Šukūk issuing company has also been proven to have a significant influence on both improving the financial performance and rating of its Šukūk. The Sharīʿah board is essential to ensure the implementation of transactions in accordance with Islamic rules so that it can increase the confidence of Šukūk investors and Šukūk rating agencies, which in turn leads to an increase in the rating of a company (Grassa. 2013; Grassa. 2016). The supervisory role of the Sharīʿah board is indirectly able to monitor and control the management activities to ensure better decisions.

The existence of an audit committee and a remuneration committee can meet two principles of financial reporting, namely transparency and disclosure. They are responsible for overseeing the board of directors, ensuring that the above principles have been appropriately implemented and providing remuneration incentives based on the actual performance of directors (Grassa, 2016; Usman et al., 2020). If executed properly, the audit and remuneration committees would reduce the risk of default and increase the rating of Šukūk (Marfuah. 2016). One of the qualities of corporate governance is influenced by the remuneration system so that it can improve the company's performance (Elmagrhi et al., 2020; Blanes et al., 2020). The results of this study indicate that the existence of an audit committee and remuneration committee can improve financial performance.

It has been proven that company performance, both directly and as a mediator, can influence Šukūk ranking. Company profitability shows the ability of the company to generate profits, so this information is vital for Šukūk ranking (Qizam & Fong, 2019; Elhaj et al., 2018; Skousen et al., 2018; Dewi & Utami, 2020). The results of this study provide new evidence that financial performance can mediate the effect of GCG supervision function on Šukūk ranking. A better supervisory function will lead to better governance so that it can improve the performance of the company, which in turn can increase the rating of the issued Šukūk. The supervisory function can reduce the binding cost in the Agency Theory, to ensure that the agent (manager) does not harm the principal. In addition, it can also reduce the monitoring costs in the case of Šukūk issuance, which involves not only the usual monitoring function but also a Sharīʿah supervisory board that oversees compliance with Islamic rules in corporate transactions. The more the parties supervise the managers, the more the companies will stay on track.

6. Conclusion and Limitations
This study aims to provide empirical evidence of financial performance in mediating the association between supervisory function and Šukūk rating. A total of 222 Šukūk that were still circulating on the IDX (Indonesian index) as of December 31st 2020, were tested, in order to show the results of the effect of the entire structure of the supervisory function of the GCG on Šukūk rating. The supervisory board's independence and the audit committee's size are the variables that influence Šukūk rating the most. In addition, Šukūk rating is also influenced by the size of the supervisory board, experience of the Sharīʿah supervisory board, and experience of the audit committee. It has also been proved that the supervisory function of GCG affects the financial performance, especially in the 5 supervisory functions, namely: the number of supervisory boards, the percentage of independent supervisory boards, the number of Sharīʿah supervisory boards, the experience of audit committees and the number of remuneration committees. Independent supervisory board and number of Sharīʿah supervisory boards are the most influen-
tial variables in the association. Financial performance as an intervening variable has also been shown to have a direct effect on Şukūk rating. The results of this direct effect were determined by entering three control variables, namely: company age, company size and leverage. At the same time, the indirect effect of GCG monitoring function on Şukūk rating through financial performance provides positive evidence. Financial performance has successfully mediated the influence of some supervisory functions (the number of supervisory boards, the number of independent supervisory boards, and the number of Sharī‘ah supervisory boards) on Şukūk rating. On the other hand, there is no evidence that other elements of the supervisory function of GCGs are mediated by financial performance.

This study attempted to provide empirical evidence that the supervisory function of the GCG in şukūk issuance is different from that of conventional bonds, especially with the existence of a Sharī‘ah supervisory board which is necessary to supervise the compliance of activities with Sharī‘ah. This research may be a reference for Şukūk issuing companies in terms of its GCG structure and promoting Şuktūk rating. As for the regulators, the results of this study can be used as a basis in setting rules for GCG in Islamic companies. In addition to being both a practical and theoretical contribution, this research also has some limitations; first, it uses a small sample, of only 222 Şukūk circulating on the IDX; second, the indirect effect on ordinal scale-independent variables cannot be tested directly with some statistical software, but by a calculation based on the Sobel test which can be performed online. Future studies could involve a larger number of Şükūk and compare them across different countries. The differences in rules and culture that exist in a country may lead to different results. In addition, future research can also use Şükūk ratings with different measures, for example, on a ratio scale, so that the effects can be tested using path analysis.

References


Dwi Sulistiani is a lecturer in Accounting at the Faculty of Education at the State Islamic University of Maulana Malik Ibrahim Malang who is currently taking doctoral studies in the doctoral program in accounting at the Airlangga University. Her research explores the factors affecting organizational performance. He is particularly interested in Shariah accounting, sustainability, shariah supervisory board, Islamic higher education, Islamic economic and Public Sector Accounting. His work has appeared several international journals. E-mail: dwi.sulistiani-2020@feb.unair.ac.id or dwisulistiani@pips.uin-malang.ac.id.

Prof. Dr. Bambang Tjahjadi is a Professor at the Faculty of Economics and Business, Universitas Airlangga for more than 30 years. His research explores the factors affecting organizational performance. He is particularly interested in diverse strategic management issues influencing firm value and performance, management accounting research, sustainability, green innovation, and MSMEs. His work has appeared several international journals. Email: bambang.tjahjadi@feb.unair.ac.id.
Does Financial Performance Mediate the Effect of Good Corporate Governance on Indonesian Ṣukūk Rating?

هل يُعد الأداء المالي للشركات وسيطًا مؤثرًا في الحوكمة الجيدة لتصنيف الصكوك الإندونيسية؟

داوي سولستياني
محاضر، كلية الاقتصاد والعمال
جامعة إيرلاندا، إندونيسيا

نُجّد العياء في تصنيف الصكوك الإسلامية، واتُндست مكتبة الأداء المالي، واتّحثت لتنميم الاستناد إلى جهاز مدرسة في بورصة إندونيسيا في 12 ديسمبر 2010. أظهرت نتائج البحث أن عدد عضويات مجلس الأركابة واستسلامها وخبرته، وعدد أفراد لجنة التدقيق وخبرتها تؤثر في تمرين تصنيف الصكوك الإسلامية وأدراجها. كما أظهرت النتائج أن للأداء المالي تأثيرًا مباشرًا على تصنيف هذه الصكوك مما يؤثر بشكل رئيسي في العناصر الثلاثة المهمة في وظيفة مراقبة الحوكمة الجيدة للشركات، وهي: معيار المجال الإشرافي، والاستقلالية، وعدد أعضاء مجال الإشراف الشرعي. لذلك من المهم للأركابة أن يتم بالحكمة الجيدة، لاسيما المتعلق بها بالوظيفة الإشرافية والأشياء المالي لدعم تصنيف هذه الصكوك. أكدت المدرسة كذلك أن وجود عضوية مجال الإشراف الشرعي يدعم تحقيق الأداء المالي في الشركات الإندونيسية بمساعدة على تصنيف الصكوك في المؤسسات المالية الإسلامية.

الكلمات المفتاحية: الصكوك، الحوكمة الجيدة للشركات، الأداء المالي، التصنيف الإثنتي للصكوك، سوق المال الإندونيسني

C14, D25, G34, M41, N25: JEL تصنيف
H33, H65, J32, K16, L34, T4: KAUJIE تصنيف