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Research paper

The Influence of The Independent Board of Commissioners and Managerial Ownership on Company Performance through Sustainability Reports

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Abstract

This study examines the influence of independent boards of commissioners on corporate performance through sustainability reporting. Descriptive statistical analysis shows that the average proportion of independent commissioners in Indonesian companies is 42.05%, exceeding the 30% requirement set by the Financial Services Authority (OJK). The average managerial ownership is 7.77%, reflecting the diversity of corporate ownership structures. Sustainability reporting shows a positive trend with an average score of 2.93, indicating Indonesian companies' commitment to sustainability practices. Furthermore, company performance, measured by an average return on assets of 4.52%, indicates that companies are generally able to create added value for shareholders, albeit with high variation. Independent boards of commissioners play a crucial role in improving sustainability reporting. Independent boards of commissioners ensure corporate transparency and accountability, supporting the long-term interests of shareholders. Managerial ownership provides incentives for managers to focus on long-term interests, including a commitment to sustainability. Overall, these factors strengthen a company's commitment to sustainability, increase stakeholder trust, and contribute to better financial and operational performance.

Keywords: *Independent Board of Commissioners, Managerial Ownership, Sustainability Reporting*

1. Introduction

Company performance reflects a company's ability to manage resources, both financial and non-financial, to create value for stakeholders. This performance assessment is crucial for stakeholders because it serves as a reference in the decision-making process and demonstrates the company's level of efficiency and effectiveness in achieving its stated goals. Various indicators are used to assess performance, including operational aspects, innovation, growth, and efficiency. Financial aspects such as revenue, net income, profit margins, and other financial ratios are also important factors in measuring company performance.

According to data from the Indonesian Central Statistics Agency (BPS) (2023), the manufacturing sector, particularly manufacturing companies, showed significant performance improvement in the third quarter of 2023, growing by 5.20 percent (year-on-year), surpassing national economic growth of 4.94 percent. However, data from CNBC Indonesia (2024) shows a decline in the manufacturing sector's added value in recent years. This discrepancy in economic growth and manufacturing sector performance underscores the importance of accurately and effectively assessing company performance to evaluate company development and achievements. Various financial indicators, such as Return on Assets (ROA), Return on Equity (ROE), and Return on Investment (ROI), are used to measure overall company performance (Harmono, 2022; Govindan et al., 2023; Nepal & Deb, 2022).

Return on Assets (ROA) and Return on Equity (ROE) are two primary metrics used to measure a company's effectiveness in utilizing its total assets and equity to generate profit. ROA measures how well a company utilizes its assets to generate profit, while ROE measures the return generated from shareholders' equity. Analyzing these three indicators—ROA, ROE, and Return on Investment (ROI)—can help management evaluate the company's effectiveness in utilizing its resources. Based on annual data from fifteen manufacturing companies, ROA and ROE values varied between 2020 and 2022, with some companies showing significant increases.

Data from companies such as Kabelinda Murni Tbk, Voksel Elektric Tbk, and Gunung Raja Paksi Tbk show variations in ROA values during the 2020-2022 period. Overall, there is an upward trend in ROA and ROE values for most of these companies. This increase serves as an important indicator for management in evaluating company performance based on existing financial data. Therefore, analyzing these indicators can provide clearer insights into how companies manage their assets and equity to create higher value.

Sustainable development is becoming an increasingly important issue for stakeholders, particularly with the increasing global environmental challenges and the need to preserve ecosystems. Sustainability reports serve as a means of communicating a company's commitments and actions in social and environmental areas. These reports not only provide information on a company's contribution to sustainable development goals but also serve as a basis for measuring its performance in achieving business sustainability. Sustainability reporting plays a crucial role in increasing corporate transparency and accountability to stakeholders.

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The three main aspects that must be met to achieve sustainability are economic, environmental, and social, known as the triple bottom line concept. The Global Reporting Initiative (2002) emphasized the importance of sustainability reporting as information that helps stakeholders make informed decisions regarding a company's contribution to sustainable development. Furthermore, this reporting is also used to identify a company's strengths and weaknesses to improve overall business sustainability (Giannarakis et al., 2020; Jan et al., 2021).
Effective corporate governance also plays a crucial role in improving company performance, particularly in ensuring fair and transparent decision-making. Board characteristics, such as the presence of an independent board of commissioners, influence the quality of corporate governance. Research shows that an independent board of commissioners can strengthen oversight of management policies (Govindan et al., 2023; Muttakin & Subramaniam, 2015).
Sustainability reporting plays a crucial role in improving company performance and value. Buallay et al. (2020) explain that sustainability reporting influences company performance by communicating corporate social and environmental commitments. Rezaee & Tuo (2019) also add that this reporting can improve the quality of corporate earnings and lower the cost of debt and equity capital. Another study by Githaiga & Kosgei (2023) shows that sustainability reporting can reduce information asymmetry between companies and stakeholders. However, Rahi et al. (2022) note that ESG reporting has a negative relationship with company performance, demonstrating the heterogeneity of findings related to sustainability reporting in previous studies.
This study expands on the study conducted by Govindan et al. (2023), which examined how independent directors influence corporate financial performance. This study adds new variables, namely managerial ownership and sustainability reporting, to understand the influence of the independent board of commissioners and managerial ownership on corporate performance through sustainability reporting. This study is based on agency theory (Jensen & Meckling, 1976), which explains the conflict between management and ownership, and stakeholder theory (Freeman, 1994), which requires managers to prioritize corporate performance to meet the needs of various stakeholders. This study aims to examine the direct and indirect effects of these variables on corporate performance, as well as the role of sustainability reporting as a mediating variable.

2. Method

2.1 Research Design

This study aims to examine and explain the influence of independent boards of commissioners and managerial ownership on sustainability reporting and its implications for company performance. This study is explanatory (Explanatory research), as stated by Sugiono (2016), explanatory research is research that explains the position of the variables studied and their relationships through hypothesis testing. Furthermore, this research uses quantitative methods. Quantitative methods aim to test theories, establish facts, demonstrate relationships between variables, provide statistical descriptions, and estimate and predict results.

2.2 Research variables

The variables studied in this research are classified into several types of variables, consisting of dependent, independent, and mediating variables. The following explains the classification, conceptual definition, and operational definition of variables.
1. Classification of Variables
a. Dependent variable.
The dependent variable in this study is company performance (Y2)
b. Variable Mediating.
Variables mediating in this study are sustainable reporting (Y1)
c. Independent variables
The independent variables in this study are: Independent Board of Commissioners (X1) and Managerial Ownership (X2).
To ensure replicability, the variables are operationalized as follows: (1) Independent boards of commissioners are measured using the proportion of independent commissioners to the total number of commissioners on the board. (2) Managerial ownership is operationalized as the percentage of company shares owned by directors and management compared to total outstanding shares. (3) Sustainability reporting is measured using a disclosure score based on the Global Reporting Initiative (GRI) Standards checklist, where each disclosed item receives a score of "1" and undisclosed items receive "0," then aggregated into a total disclosure index. (4) Company performance is measured using both financial indicators (such as Return on Assets/ROA and Tobin's Q) and non-financial indicators.

2.3 Population and Sample

2.3.1 Population

The population in this study includes 166 manufacturing companies listed on the Indonesia Stock Exchange from 2020 to 2022.

2.3.2 Sample

Sampling in this study used the method of purposive sampling. This is a sample collection method based on certain predetermined criteria. The sampling criteria are as follows:
1) Manufacturing companies listed on the Indonesia Stock Exchange from 2020 to 2022.
2) Companies that did not experience delisting from 2020 to 2022
3) Companies that published complete annual reports in 2020 through 2022.
4) Companies that published complete sustainability reports from 2020 to 2022.

2.4 Research Location

This research was conducted on manufacturing companies listed on the Indonesia Stock Exchange for the 2020-2022 period.

2.5 Data Collection Procedures

Data collection procedures are the ways researchers gather information to obtain data. The data collection procedures used were through the website: www.idx.co.id and the websites of each company.

3. Result

This study aims to examine the influence of independent boards of commissioners on company performance, considering sustainability reporting as a mediating variable. Based on data analysis conducted on manufacturing companies in Indonesia during the 2020-2022 period, it was found that independent boards of commissioners have a significant positive relationship with company performance. These results support agency theory, which states that independent boards of commissioners play a crucial role in reducing conflicts of interest between management and shareholders and increasing transparency in corporate decision-making (Aggarwal et al., 2019; Muhammad, 2016). Furthermore, independent boards of commissioners have been shown to balance managerial decisions with stakeholder expectations, ultimately driving better company performance (Uribe-Bohorquez et al., 2018).
This study also found that sustainability reporting serves as a mediating variable, strengthening the relationship between independent board commissioners and company performance. Companies that adopt good sustainability reporting practices can increase transparency, provide relevant information to stakeholders, and ultimately improve company performance (Giannarakis et al., 2020). Therefore, the findings of this study provide new insights into the importance of separating the roles of CEO and chairman of the board, as well as the role of independent board commissioners in improving company performance through effective sustainability reporting.

3.1 The Influence of Independent Board of Commissioners and Managerial Ownership on Sustainability Reporting

The first path analysis tested the direct influence of the Independent Board of Commissioners and Managerial Ownership on Sustainability Reporting. The results of the path analysis to determine the direct influence are presented in the following table.

Table 1: The Direct Influence of Independent Board of Commissioners and Managerial Ownership on Sustainability Reporting

Variables	Regression coefficient	Std. Error	*T value*	*P value*
Independent Board of Commissioners	0,331	0,003	7,955	0,000
Managerial Ownership	0,204	0,002	5,015	0,000

Source: Processed secondary data, 2025.

a. The Influence of the Independent Board of Commissioners on Sustainability Reporting

The results of the regression analysis show that the Independent Board of Commissioners has a positive and significant influence on Sustainability Reporting, with a regression coefficient of 0.331 and a p-value of 0.000, which is smaller thana 0.05. This means that the higher the proportion of independent commissioners in a company, the better the level of sustainability reporting. This indicates that the presence of independent commissioners plays a significant role in increasing corporate transparency and accountability regarding sustainability aspects. Therefore, H1statistically tested.

b. The Influence of Managerial Ownership on Sustainability Reporting

Managerial Ownership also has a positive and significant effect on Sustainability Reporting, with a regression coefficient of 0.204 and a p-value of 0.000, which is smaller thana= 0.05. This means that the greater the management's share ownership, the higher the company's level of sustainability reporting. This indicates that when management has a direct stake in the company, they are more likely to implement long-term-oriented policies, including sustainability reporting. Thus, H4 was statistically tested.

3.2 The Influence of Independent Board of Commissioners, Managerial Ownership, and Sustainability Reporting on Company Performance

The second path analysis tested the direct influence of the Independent Board of Commissioners, Managerial Ownership, and Sustainability Reporting on Company Performance. The results of the path analysis to determine the direct influence are presented in the following table:

Table 2: Direct Influence between Independent Board of Commissioners, Managerial Ownership and Sustainability Reporting on Company Performance

Variables	Regression coefficient	Std. Error	*T value*	*P value*
Independent Board of Commissioners	0,084	0,035	2,042	0,042
Managerial Ownership	0,086	0,021	2,201	0,028
Sustainability Reporting	0,490	0,466	11,163	0,000

Source: Processed secondary data, 2025.

a. The Influence of the Independent Board of Commissioners on Company Performance

The results of the regression analysis show that the Independent Board of Commissioners has a positive and significant influence on Company Performance, with a regression coefficient of 0.084 and a p-value of 0.042, which is smaller thana= 0.05. This means that the presence of a stronger independent board of commissioners can improve company performance. This is due to the independent board's role in overseeing management and ensuring the implementation of good corporate governance practices. Thus, H5statistically tested.

b. The Influence of Managerial Ownership on Company Performance

Managerial Ownership also has a positive and significant effect on Company Performance, with a regression coefficient of 0.086 and a p-value of 0.028, which is smaller thana= 0.05. This means that the greater the management's share ownership, the higher the company's

performance. This indicates that when management has a direct stake in the company's results, they tend to work more efficiently and make decisions that lead to improved long-term performance. Thus, H8statistically tested.

c. The Impact of Sustainability Reporting on Company Performance

Sustainability Reporting has the greatest influence on Company Performance, with a regression coefficient of 0.490 and a p-value of 0.000, which is smaller thana= 0.05. This indicates that the implementation of good sustainability reporting contributes significantly to improving company performance. Transparent and accountable sustainability reporting can increase investor confidence, strengthen the company's reputation, and create a competitive advantage in the market. Thus, H9statistically tested.

3.3 Indirect influence of the independent board of commissioners and managerial ownership on the company performance through sustainability reporting

The hypothesis testing procedure is carried out using path analysis, namely by using multiple regression, followed by filtering based on statistical tests and significance. This statistical test can be carried out using the beta coefficient standardized coefficient (standard β). If the β value is significant, then the path coefficient is significant. Meanwhile, path coefficients that are not significant are discarded. Significance testing can be performed by comparing the significance of the paths. If the path coefficient's significance value is less than 0.05, the coefficient is considered significant. Conversely, if the coefficient's significance value exceeds 0.05, it is considered insignificant. The results of the influence of the independent board of commissioners and managerial ownership on company performance through sustainability reporting are presented in Table 3.

Table 3: Summary of Results of Direct, Indirect, and Total Influence Analysis from Path Analysis

Variables	Direct Influence	Prob	Indirect Influence	Total Influence
Independent Board of Commissioners□Sustainability Reporting	0,331	0,000*	-	-
Managerial Ownership□Sustainability Reporting	0,204	0,000*	-	-
Independent Board of Commissioners□ : Company performance	0,084	0,042*		
Managerial Ownership□ Company Performance	0,086	0,028*		
Sustainability Reporting□ Company performance	0,490	0,000*	-	-
Independent Board of Commissioners,□Sustainability Reporting□ Company performance	0,084	-	0,331 x 0,490 = 0,162	0,246
Managerial Ownership□, Sustainability Reporting□ Company Performance	0,086	-	0,204 x 0,490 = 0,100	0,186

** Significant ona 5%.*

a. The Influence of the Independent Board of Commissioners on Company Performance through Sustainability Reporting

Based on Table 3, it can be explained that the Independent Board of Commissioners has a direct influence on Company Performance of 0.084, while its indirect influence through Sustainability Reporting is 0.162 (0.331 × 0.490), so that the indirect influence is greater than the direct influence (0.162 > 0.084). Thus, the total influence is 0.246. These results indicate that the existence of a more effective independent board of commissioners in overseeing company policies can improve the quality of sustainable reporting, which ultimately has a positive impact on company performance. Thus, H1statistically tested.

b. The Influence of Managerial Ownership on Company Performance through Sustainability Reporting

Managerial Ownership has a direct effect on Company Performance of 0.086, with an indirect effect through Sustainability Reporting of 0.100 (0.204 × 0.490), so the indirect effect is greater than the direct effect (0.100 > 0.086). The total effect reaches 0.186. These results indicate that the greater the share ownership by management, the greater the incentive to ensure that sustainable reporting is implemented effectively, which ultimately improves company performance. This occurs because management has a direct interest in the company's profitability and reputation, so management is more motivated to carry out responsible business practices. Thus, H2statistically tested.
Based on the description of hypothesis testing, the path model in path analysis is depicted in Figure 5.

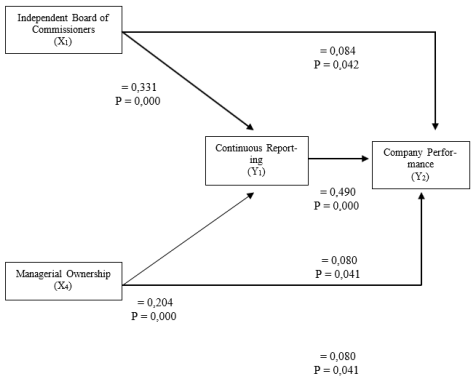

Fig. 5: Path Analysis Results

Source: Processed secondary data, 2025.

4. Discussion

4.1 Description of Independent Board of Commissioners, Managerial Ownership, Sustainability Reporting, and Company Performance

The composition of the Board of Independent Commissioners plays a crucial role in assessing the quality of corporate governance. The average proportion of independent commissioners in Indonesian companies reached 42.05%, higher than the Financial Services Authority (OJK) minimum requirement of 30%. This demonstrates a strong awareness of the importance of independent commissioners in creating transparent and accountable governance. Independent commissioners, who have no ties to management or shareholders, serve to mitigate conflicts of interest and ensure that decisions taken consider the interests of all stakeholders. However, the wide variation in the proportion of independent commissioners across companies indicates that while most companies have implemented good governance, some still do not fully meet established standards, which can impact the company's performance and reputation.

At the same time, the implementation of governance structures also reveals other important aspects. Most companies have successfully separated the roles of CEO and Chairman in line with good governance principles, demonstrating efforts to strengthen oversight and decision-making balance. However, gender diversity remains very limited, with women holding only about 3.82% of leadership positions on average. This indicates that while structural governance requirements are being increasingly met, inclusivity in leadership has not yet received equal attention. The lack of gender diversity may reduce opportunities for broader perspectives and innovation in corporate decision-making, highlighting the need for more inclusive governance policies.

Most of the companies in this study sample demonstrated the important role of independent boards of commissioners in supporting good governance practices. The presence of independent boards of commissioners is believed to increase transparency and accountability, as well as strengthen management oversight. Effective oversight minimizes the potential for abuse of authority and conflicts of interest. Furthermore, managerial ownership plays a strategic role in aligning managers' interests with shareholders. When management owns shares in a company, they tend to be more motivated to improve overall company performance because they have a direct financial stake in the outcomes of decisions made. Therefore, the combination of a strong independent board of commissioners and adequate managerial ownership can strengthen corporate governance mechanisms and encourage optimal performance.

4.2 The Influence of Independent Board of Commissioners and Managerial Ownership on Sustainability Reporting

The influence of an Independent Board of Commissioners on sustainability reporting indicates that the higher the proportion of independent commissioners, the more likely a company is to implement transparent and accountable sustainability reporting practices. Independent boards of commissioners play a crucial role in overseeing company policies and strategies more objectively, as they are not influenced by internal management interests. This supports agency theory, which states that independent boards help mitigate conflicts of interest between managers and shareholders and strengthen transparency and accountability in sustainability reporting. Previous research, such as that conducted by Githaiga & Kosgei (2023) and Gold & Taib (2023), shows a significant positive relationship between board independence and the quality of sustainability reporting. Therefore, independent boards of commissioners can serve as effective oversight, encouraging companies to meet international standards in sustainability reporting and enhancing their public reputation.

The results of this study indicate that managerial ownership plays a significant role in increasing the transparency of corporate sustainability reporting. When managers own shares in a company, they tend to have a greater incentive to convey accurate and relevant information to maintain its reputation and increase its value in the eyes of stakeholders. This finding aligns with research by Li et al. (2018), which suggests that managerial ownership can drive improvements in the quality of sustainability information disclosure. However, this finding also contradicts several previous studies, such as those by Aminu Isa & Muhammad (2014) and Ahmad et al. (2017), which found that high managerial ownership can decrease disclosure levels because managers are more likely to conceal information deemed detrimental. Therefore, the influence of managerial ownership on sustainability reporting is complex and can be influenced by the company's context and prevailing governance structure.

However, the result of this study is different from previous research by Liu et al. (2023) and Saeed et al. (2024), which found that high levels of managerial ownership may reduce disclosure, as managers tend to hide information that could harm the company’s image. This contrast suggests that the effect of managerial ownership on sustainability reporting is not uniform but rather depends on contextual factors such as governance mechanisms, regulatory environment, and corporate culture.

Thus, the findings of this study demonstrate that the independent board of commissioners and managerial ownership significantly influence the quality of corporate sustainability reporting. A higher proportion of independent commissioners strengthens the objectivity of oversight, minimizes conflicts of interest, and encourages more transparent and accountable disclosure practices. Meanwhile, managerial ownership provides incentives for managers to improve the accuracy of sustainability information, although its impact may vary depending on the ownership proportion and the governance context. Overall, these two governance mechanisms play a crucial role in enhancing the credibility of sustainability reporting, building stakeholder trust, and supporting sustainable corporate performance.

4.3 The Influence of Independent Board of Commissioners and Managerial Ownership on Company Performance

Independent boards of commissioners have a positive impact on company performance because they can improve management oversight, reduce conflicts of interest, and ensure that decisions are in line with the interests of shareholders and other stakeholders. The existence of an independent board of commissioners strengthens corporate transparency and accountability, in line with agency theory, which states that board independence can minimize agency costs and increase oversight of managers (Fama & Jensen, 1983). The results of this study support the findings of Knyazeva et al. (2013) and Uribe-Bohorquez et al. (2018), which showed that independent boards of commissioners contribute positively to improving company performance by ensuring that strategic decisions made by management focus on the long-term interests of shareholders. However, although most studies support this positive relationship, there are several studies, such as Tran (2021) and Nepal & Deb (2022), that show different results, namely the absence of a significant effect between board independence and company performance.

The results of this study indicate that managerial ownership and the presence of an independent board of commissioners play a significant role in improving company performance. Management share ownership can align the interests of managers and shareholders, thereby encouraging decision-making that is more oriented towards long-term value creation. This finding supports the view that ownership incentives for managers can increase commitment to operational efficiency and financial performance. Furthermore, an independent board of commissioners serves as an objective and effective oversight mechanism, balancing management power and ensuring that strategic

decisions are made with the interests of all stakeholders in mind. With a strong governance structure through a combination of sound managerial ownership and oversight by an independent board, companies tend to demonstrate more sustainable and transparent performance improvements.

This result is different from previous studies, such as Benichou (2024) and Mismiwati (2025), which found that high levels of managerial ownership may reduce disclosure or weaken governance effectiveness because managers could prioritize personal interests over transparency. Furthermore, an independent board of commissioners provides an objective and effective oversight mechanism, balancing managerial power and ensuring that strategic decisions reflect the interests of all stakeholders. This finding is also not entirely consistent with some earlier research that questioned the effectiveness of independent boards when their authority or independence is limited. The difference in results suggests that the impact of governance mechanisms on company performance is highly dependent on the institutional context, regulatory environment, and the actual enforcement of governance practices within the company.

Thus, this study concludes that both independent boards of commissioners and managerial ownership play an important role in enhancing company performance. Independent commissioners strengthen oversight, reduce conflicts of interest, and ensure that corporate decisions are made transparently and in line with stakeholder interests. Managerial ownership aligns the goals of managers and shareholders, encouraging decision-making that prioritizes long-term value and operational efficiency. However, the influence of these governance mechanisms is not uniform, as their effectiveness may vary depending on ownership proportion, institutional context, and the strength of governance enforcement.

4.4 The Impact of Sustainability Reporting on Company Performance

Sustainability reporting plays a significant role in improving corporate performance, both from an economic, social, and environmental perspective. Through transparent and comprehensive reporting on the impact of corporate operations on the environment and society, companies can strengthen their reputations and build trust with stakeholders. Furthermore, transparency in reporting helps companies gain better access to capital, as investors increasingly consider environmental, social, and governance (ESG) factors in their investment decisions. Companies that consistently report on sustainability performance tend to be viewed as safer investments, with a lower cost of capital and better market valuations (La Torre et al., 2018). Implementing sustainability reporting also encourages companies to better identify and manage operational risks, improve operational efficiency, and reduce long-term costs. These research findings support Friede et al. (2015), who found a positive relationship between ESG practices and corporate performance.

Sustainability reporting contributes not only to financial performance but also to innovation and the development of more sustainable products. By actively reporting and monitoring the social and environmental impacts of their operations, companies are more likely to be motivated to develop environmentally friendly products, creating a competitive advantage and opening up new business opportunities. This reporting also strengthens corporate relationships with local communities and stakeholders, which is crucial for long-term sustainability and reducing the risk of social conflict. Research by Pham et al. (2021) supports a positive relationship between sustainability practices and financial performance, while Rahi et al. (2022) show conflicting results, indicating a negative relationship between ESG and financial performance. The effectiveness of reporting depends on the quality and credibility of the reported data, where merely symbolic reporting can harm a company's reputation. Therefore, companies need to ensure that sustainability reporting practices are based on accurate data and appropriate methodologies to create long-term value for all stakeholders.

This finding is different from previous research by Elamer & Boullhaga (2024), which suggests a negative relationship between ESG practices and financial outcomes. These contrasting results indicate that the effectiveness of sustainability reporting is highly context-dependent and influenced by industry dynamics, regulatory enforcement, and stakeholder expectations. Therefore, companies must ensure that their sustainability reporting is grounded in accurate data and credible methodologies, as symbolic or superficial disclosure can damage corporate reputation and undermine long-term value creation.

Thus, sustainability reporting has a significant impact on company performance by enhancing transparency, strengthening stakeholder trust, and creating opportunities for innovation and competitive advantage. Companies that implement consistent and credible sustainability reporting are better positioned to attract investment, manage risks, and improve operational efficiency, leading to stronger long-term performance. However, the influence of sustainability reporting is not uniform across all contexts, as its effectiveness depends on factors such as industry characteristics, regulatory enforcement, and stakeholder expectations.

4.5 The Influence of Independent Board of Commissioners and Managerial Ownership on the Company Performance Through Sustainability Reporting

Managerial ownership plays a significant role in corporate performance through sustainability reporting, reflected in greater transparency and accountability. Managers who are also shareholders tend to be more responsible in ensuring that sustainability reporting reflects the company's true commitment to environmental, social, and governance (ESG) aspects, which contributes to enhanced reputation and stakeholder trust. Managerial ownership, according to agency theory, reduces conflicts of interest between owners and managers and encourages more proactive decisions in managing sustainability risks and opportunities. This leads to more transparent and accurate ESG reporting, which can improve overall corporate performance and strengthen stakeholder relationships. Furthermore, managerial ownership also encourages innovation in sustainability reporting, as managers have an incentive to adopt best practices and improve reporting quality. Research by Pham et al. (2021) and Remo-Diez et al. (2023) demonstrates a positive relationship between sustainability practices and corporate performance, which is increasingly important in a market demanding transparency and social responsibility. However, the effectiveness of managerial ownership depends on the appropriate ownership proportion, as too small an ownership may not create sufficient incentives, while too large an ownership may pose a risk of non-objective decision-making.

However, the results of this study are different from previous research, such as Gao et al. (2024), which argue that higher managerial ownership may actually reduce disclosure quality because managers could prioritize self-interest and conceal unfavorable information. These contrasting findings suggest that the effectiveness of managerial ownership depends on the ownership proportion and governance context—too small an ownership may not provide adequate incentives, while excessively large ownership can compromise objectivity and weaken overall governance.

Thus, it can be concluded that managerial ownership has a significant influence on company performance through sustainability reporting, as it enhances transparency, accountability, and strengthens stakeholder trust. Managerial ownership encourages managers to take greater responsibility in managing sustainability risks and opportunities while creating incentives to innovate and improve reporting quality. However, its effectiveness largely depends on the proportion of ownership, since too little may not provide sufficient motivation, while excessive

ownership can reduce objectivity and weaken governance. Therefore, achieving the right balance of managerial ownership is essential to ensure that sustainability reporting truly delivers long-term value for the company and all stakeholders.

5. Conclusion

The analysis shows that Indonesian companies generally meet or exceed the minimum regulatory requirements regarding the composition of the Independent Board of Commissioners, with an average proportion reaching 42.05%. However, significant variation in implementation indicates that most companies have separated the roles of CEO and Chairman in accordance with good governance principles. Gender diversity remains limited, with female representation in leadership positions reaching an average of only 3.82%. Furthermore, managerial ownership varies, with an average of 7.77%, reflecting the diversity in company ownership structures. Nevertheless, sustainability reporting yields quite positive results, with an average score of 2.93, demonstrating companies' commitment to transparency and adequate sustainability practices. Company performance, with an average ROA of 4.52%, indicates that these companies can generate added value for shareholders, despite this high variability.

Independent boards of commissioners and managerial ownership significantly influence company performance through sustainability reporting. Regulators are encouraged to establish stricter sustainability reporting standards aligned with international practices such as the GRI Standards or ISSB, and to require more detailed disclosure on environmental, social, and governance (ESG) aspects. Companies can strengthen the role of independent boards of commissioners by providing specialized training on sustainability reporting oversight and forming dedicated sustainability committees to ensure transparency and accountability. To address gender diversity challenges in leadership, regulators may set minimum quotas for women in strategic positions, while companies can develop mentoring programs and career development initiatives for women at managerial levels. These measures will improve the quality of sustainability reporting, ultimately enhancing transparency, risk management, reputation, and both financial and operational performance.

References

[1] Abdelzaher, A., & Abdelzaher, D. (2019). Women on Boards And Firm Performance In Egypt: Post The Arab Spring. The Journal of Developing Areas, 53(1), 225–241. https://doi.org/10.1353/jda.2019.0013

[2] Abu Qa'dan, M. B., & Suwaidan, M. S. (2019). Board composition, ownership structure and corporate social responsibility disclosure: the case of Jordan. Social Responsibility Journal, 15(1), 28–46. https://doi.org/10.1108/SRJ-11-2017-0225

[3] Adams, C. A., & McNicholas, P. (2007). Making a difference: Sustainability reporting, accountability and organisational change. Account-ing, Auditing and Accountability Journal, 20(3), 382–402. https://doi.org/10.1108/09513570710748553

[4] Adams, R. B., & Ferreira, D. (2009). Women in the boardroom and their impact on governance and performance. Journal of Financial Economics, 94(2), 291–309. https://doi.org/10.1016/j.jfineco.2008.10.007

[5] Adedeji, B. S., Ong, T. S., Uzir, U. H., Bakar, A., & Hamid, A. (2020).Corporate governance and performance of medium-sized fi rms in Nigeria : does sustainability initiative matter ? 20(3), 401–427. https://doi.org/10.1108/CG-09-2019-0291

[6] Affes, W., & Jarboui, A. (2023). The impact of corporate governance on financial performance: a cross-sector study. International Journal of Disclosure and Governance, 20(1), 374–394. https://doi.org/10.1057/s41310-023-00182-8

[7] Aggarwal, R., Jindal, V., & Seth, R. (2019). Board diversity and firm performance: The role of business group affiliation. International Business Review, 28(6), 1–17. https://doi.org/10.1016/j.ibusrev.2019.101600

[8] Aktas, N., Andreou, P. C., Karasamani, I., & Philip, D. (2019). CEO Duality, Agency Costs, and Internal Capital Allocation Efficiency. British Journal of Management, 30(2), 473–493. https://doi.org/10.1111/1467-8551.12277

[9] Al-Qudah, A. A., Al-Okaily, M., & Alqudah, H. (2022). The relationship between social entrepreneurship and sustainable development from economic growth perspective: 15 'RCEP' countries. Journal of Sustainable Finance and Investment, 12(1), 44–61. https://doi.org/10.1080/20430795.2021.1880219

[10] Al-Shaer, H., & Hussainey, K. (2022). Sustainability reporting beyond the business case and its impact on sustainability performance: UK evidence. Journal of Environmental Management, 311(June), 1–13. https://doi.org/10.1016/j.jenvman.2022.114883

[11] Al Amosh, H., & Khatib, S. F. A. (2022). Ownership structure and environmental, social and governance performance disclosure: the moderating role of the board independence. Journal of Business and Socio-Economic Development, 2(1), 49–66. https://doi.org/10.1108/jbsed-07-2021-0094

[12] Al Amosh, H., & Mansor, N. (2021). Disclosure of integrated reporting elements by industrial companies: evidence from Jordan. Journal of Management and Governance, 25(1), 121–145. https://doi.org/10.1007/s10997-020-09541-x

[13] Al Fadli, A., Sands, J., Jones, G., Beattie, C., & Pensiero, D. (2022). The influence of ownership structure on the extent of CSR reporting: An emerging market study. Business and Society Review, 127(3), 725–754. https://doi.org/10.1111/basr.12286

[14] Alabdullah, T. T. Y. (2018). The relationship between ownership structure and firm financial performance: Evidence from Jordan. An In-ternational Journal, 25(1), 1-14. https://doi.org/10.1108/BIJ-04-2016-0051

[15] Albuquerque, R., Koskinen, Y., & Zhang, C. (2019). Corporate social responsibility and firm risk: Theory and empirical evidence. Man-agement Science, 65(10), 4451–4469. https://doi.org/10.1287/mnsc.2018.3043

[16] Ali, S., Naseem, M. A., Jiang, J., Rehman, R. U., Malik, F., & Ahmad, M. I. (2022). "How" and "When" CEO Duality Matter? Case of a Developing Economy. SAGE Open, 12(3). https://doi.org/10.1177/21582440221116113

[17] Alkurdi, A., Hamad, A., Thneibat, H., & Elmarzouky, M. (2021). Ownership structure's effect on financial performance: An empirical analysis of Jordanian listed firms. Cogent Business and Management, 8(1), 1–21. https://doi.org/10.1080/23311975.2021.1939930

[18] Alodat, A. Y., Salleh, Z., Hashim, H. A., & Sulong, F. (2022). Investigating the mediating role of sustainability disclosure in the relation-ship between corporate governance and firm performance in Jordan. Management of Environmental Quality: An International Jour-nal, 2(8), 1-9. https://doi.org/10.1108/MEQ-07-2021-0182

[19] Aluy, C. A., Tulung, J. E., & Tasik, H. H. (2017). The Influence of Women's Presence in Top Management and Managerial Ownership on Banking Financial Performance (A Study of State-Owned Banks and Private National Foreign Exchange Banks in Indonesia).EMBA Journal: Journal of Economics, Management, Business and Accounting Research, 5(2), 821–828

[20] Ameer, R., & Othman, R. (2012). Sustainability practices and corporate financial performance: A study based on the top global corpora-tions. Journal of Business Ethics, 108(1), 61–79. https://doi.org/10.1007/s10551-011-1063-y

[21] Aminu Isa, M., & Muhammad, S. (2014). The Impact of Board Characteristics on Corporate Social Responsibility Disclosure: Evidence from Nigerian Food Product Firms. International Journal of Management Science and Business Administration, 1(12), 34–45. https://doi.org/10.18775/ijmsba.1849-5664-5419.2014.112.1004

[22] Arnova, I. (2016). The Influence of ROA, ROE, EPS, and EVA Performance Measures on Stock Returns.EKOMBIS REVIEW: Scientific Journal of Economics and Business, 4(1), 36–53. https://doi.org/10.37676/ekombis.v4i1.153

[23] Arora, A. (2022). Gender diversity in boardroom and its impact on firm performance. Journal of Management and Governance, 26(3), 735–755. https://doi.org/10.1007/s10997-021-09573-x

[24] Arrow K.J. (1984). The Economic of Agency. Stanford University.

[25] Bae, S. M., Masud, M. A. K., & Kim, J. D. (2018). A cross-country investigation of corporate governance and corporate sustainability disclosure: A signaling theory perspective. Sustainability (Switzerland), 10(8), 1–16. https://doi.org/10.3390/su10082611

[26] Belkaoui A; Picur. (1993). An Analysis of the Use of Accounting and Market Measures of Performance, CEO Experience and Nature of the Deviation from the Analysts' Forecasts in CEO. Managerial Finance, 19(2), 13. https://doi.org/10.1108/eb013712

[27] Benichou, M. (2024). Audit committee and board of directors: A synergy for effective corporate governance. International Journal of Pro-fessional Business Review,

[28] 09(12), e05193. https://doi.org/10.26668/businessreview/2024.v9i12.5193

[29] Bhagat, S., & Bolton, B. (2008). Corporate governance and firm performance. Journal of Corporate Finance, 14(3), 257–273. https://doi.org/10.1016/j.jcorpfin.2008.03.006

[30] Birken, E. G. (2021). Understanding Return On Assets. Forbes Advisor. https://www.forbes.com/advisor/investing/roa-return-on-assets/

[31] Borlea, S. N., Achim, M. V., & Mare, C. (2017). Board characteristics and firm performances in emerging economies. Lessons from Ro-mania. Economic Research , 30(1), 55–75. https://doi.org/10.1080/1331677X.2017.1291359

[32] BPS Indonesia. (2023). Indonesia's Economic Growth in the First Quarter of 2022.13, 12. https://www.bps.go.id/pressre-lease/2021/02/05/1811/ekonomi-indonesia-2020-turun-sebesar-2-07-persen--c-to-c-.html

[33] Brahma, S., Nwafor, C., & Boateng, A. (2021). Board gender diversity and firm performance: The UK evidence. International Journal of Finance and Economics, 26(4), 5704–5719. https://doi.org/10.1002/ijfe.2089

[34] Buallay, A. (2019). Is sustainability reporting (ESG) associated with performance? Evidence from the European banking sector. Manage-ment of Environmental Quality: An International Journal, 30(1), 98–115. https://doi.org/10.1108/MEQ-12-2017-0149

[35] Buallay, A., Fadel, S. M., Alajmi, J., & Saudagaran, S. (2020). Sustainability reporting and bank performance after financial crisis: Evi-dence from developed and developing countries. Competitiveness Review, 31(4), 747–770. https://doi.org/10.1108/CR-04-2019-0040

[36] Bui, H., & Krajcsák, Z. (2023). The impacts of corporate governance on firms' performance: from theories and approaches to empirical findings. Journal of Financial Regulation and Compliance, 32(1), 18–46. https://doi.org/10.1108/JFRC-01-2023-0012

[37] Chandrarin, G. (2018). Accounting Research Methods: Quantitative Approach. In P. Leastari (Ed.), Salemba Empat (Second). Salemba Empat.

[38] Chen, X., & Wan, P. (2020). Social trust and corporate social responsibility: Evidence from China. Corporate Social Responsibility and Environ-mental Management, 27(2), 485–500. https://doi.org/10.1002/csr.1814

[39] Chouaibi, S., & Affes, H. (2021). The effect of social and ethical practices on environmental disclosure: evidence from an international ESG data. Corporate Governance: The International Journal of Business in Society, 21(7), 1293–1317. https://doi.org/10.1108/CG-03-2020-0087

[40] Christopher Peterson. (1993). Helpless Behavior. Behav. Res. Thu., 31(3), 289–295.

[41] Chung, C. Y., Kang, S., & Ryu, D. (2018). Does institutional monitoring matter? Evidence from insider trading by information risk level. Investment Analysts Journal, 47(1), 48–64. https://doi.org/10.1080/10293523.2017.1413152

[42] Cicchiello, A. F., Fellegara, A. M., Kazemikhasragh, A., & Monferrà, S. (2021). Gender diversity on corporate boards: How Asian and African women contribute on sustainability reporting activity. Gender in Management, 36(7), 801–820. https://doi.org/10.1108/GM-05-2020-0147

[43] Clakson Max B.E. (1995). A Stakeholder Framework For Analyzing And Evaluating Corporate Social Performance. Academy of Man-agement Review, 20(1), 92–117. https://doi.org/10.1504/IJBE.2018.093322

[44] Clifton, D., & Amran, A. (2011). The Stakeholder Approach: A Sustainability Perspective. Journal of Business Ethics, 98(1), 121–136. https://doi.org/10.1007/s10551-010-0538-6

[45] Correa-Garcia, J. A., Garcia-Benau, M. A., & Garcia-Meca, E. (2020). Corporate governance and its implications for sustainability report-ing quality in Latin American business groups. Journal of Cleaner Production, 260 (March), 1-12. https://doi.org/10.1016/j.jclepro.2020.121142

[46] Dalton, D. R., Daily, C. M., Ellstrand, A. E., & Johnson, J. L. (1998). Meta-analytic reviews of board composition, leadership structure, and financial performance. Strategic Management Journal, 19(3), 269–290. https://doi.org/10.1002/(sici)1097-0266(199803)19:3<269::aid-smj950>3.0.co;2-k

[47] Dalton, D. R., Hitt, M. A., Certo, S. T., & Dalton, C. M. (2007). The Fundamental Agency Problem and Its Mitigation. The Academy of Management Annals, 1(1), 1–64. https://doi.org/10.1080/078559806

[48] Dang A, R., Houanti, L., Le, N. T., & Vu, M. C. (2018). Does corporate governance influence firm performance? Quantile regression evi-dence from a transactional economy. Applied Economics Letters, 25(14), 984–988. https://doi.org/10.1080/13504851.2017.1390309

[49] De Cabo, R. M., Gimeno, R., & Escot, L. (2011). Disentangling Discrimination on Spanish Boards of Directors. Corporate Governance: An Interna-tional Review, 19 (1), 77–95. https://doi.org/10.1111/j.1467-8683.2010.00837.x

[50] de Villiers, C., & Dimes, R. (2021). Determinants, mechanisms and consequences of corporate governance reporting: a research frame-work. Journal of Management and Governance, 25(1), 7–26. https://doi.org/10.1007/s10997-020-09530-0

[51] Dilling, P. F. A. (2010). Sustainability Reporting In A Global Context: What Are The Characteristics Of Corporations That Provide High Quality Sustainability Reports An Empirical Analysis. International Business & Economics Research Journal (IBER), 9(1), 19–30. https://doi.org/10.19030/iber.v9i1.505

[52] Donaldson, T., & Preston, L. E. (1995). the stakeholder theory of the corporation: concepts, evidence, and implications and from the spe-cific com-ments of many people, including Professors Aupperle. Academy of Management Review, 20(1), 65–91. https://doi.org/10.2307/258887

[53] Donnir, S., & Tornyeva, K. (2024). The mediating effect of corporate sustainability on corporate governance and performance of banks in Ghana: a post banking crisis perspective. Cogent Business and Management, 11(1), 57-74. https://doi.org/10.1080/23311975.2023.2297480

[54] Duppati, G., Rao, N. V., Matlani, N., Scrimgeour, F., & Patnaik, D. (2020). Gender diversity and firm performance: evidence from India and Singa-pore. Applied Economics, 52(14), 1-13. https://doi.org/10.1080/00036846.2019.1676872

[55] Durnev, A., Albuquerque, R. A., & Koskinen, Y. (2013). Corporate Social Responsibility and Asset Pricing in Industry Equilibrium. Pro-ceedings Journal, June, 1–19. https://doi.org/10.2139/ssrn.2212814

[56] Eisenhardt, K. M. (1989). Theory : An Assessment and Review. Academy of Management, 14(1), 57–74.

[57] Elamer, A. A., & Boulhaga, M. (2024). ESG controversies and corporate performance: The moderating effect of governance mechanisms and ESG practices. Corporate Social Responsibility and Environmental Management. https://doi.org/10.1002/csr.2749

[58] Elkington J. (1997). Cannibals with Forks: The Triple Bottom Line of 21st Century Business. Capstone, Oxford.

[59] Erin, O., Adegboye, A., & Bamigboye, O. A. (2022). Corporate governance and sustainability reporting quality: evidence from Nigeria. Sustainability Accounting, Management and Policy Journal, 13(3), 680–707. https://doi.org/10.1108/SAMPJ-06-2020-0185

[60] Faccio M; Larry H.P Lang. (2002). The ultimate ownership of Western European corporations. Corporate Governance and Corporate Finance: A European Perspective, 65(1), 365–395. https://doi.org/10.1016/s0304-405x(02)00146-0

[61] Faisal, F., Ridhasyah, R., & Haryanto, H. (2023). Political connections and firm performance in an emerging market context: the mediating effect of sustainability disclosure. International Journal of Emerging Markets, 18(10), 3935–3953. https://doi.org/10.1108/IJOEM-07-2020-0753

[62] Fajarwati, E., & Witiastuti, R. S. (2022). Board of Directors Structure and Firm Performance: Evidence from Indonesia and Malaysia. Management Analysis Journal, 11(1), 8–21. https://doi.org/10.15294/maj.v11i1.51672

[63] Fama, E. (2012). Agency problems and the theory of the firm. The Economic Nature of the Firm: A Reader, Third Edition, 88(21), 270–282. https://doi.org/10.1017/CBO9780511817410.022

[64] Fama, E. F. (1980). Agency Problems and the Theory of the Firm. The Journal of Political Economy, 88(2), 288–307.

[65] Fama, E. F., & Jensen, M. C. (1983). Separation of Wonership and Control. Journal of Law and Economics, 26(2), 301–325. http://www.jour-nals.uchicago.edu/t-and-c

[66] Fernandez, W. D., Burnett, M. F., & Gomez, C. B. (2019). Women in the boardroom and corporate social performance: negotiating the double bind. Management Decision, 57(9), 2201–2222. https://doi.org/10.1108/MD-08-2017-0738

[67] Freeman, R. E. (1994). The Politics of Stakeholder Theory: Some Future Directions. In Business Ethics Quarterly, 4(4), 409–421. https://doi.org/10.2307/3857340

[68] Freeman, R. E., Wicks, A. C., & Parmar, B. (2004a). Stakeholder theory and "The corporate objective revisited." Organization Science, 15(3). https://doi.org/10.1287/orsc.1040.0066

[69] Freeman, R. E., Wicks, A. C., & Parmar, B. (2004b). Stakeholder theory and "The corporate objective revisited." Organization Science, 15(3), 364–369. https://doi.org/10.1287/orsc.1040.0066

[70] Freeman R. E. (1984). Strategic management : a stakeholder approach. In. Pitman.

[71] Freeman R. Edward, J. M. (2002). A Stakeholder Approach to Strategic Management. In Journal of Chemical Technology and Biotech-nology (Vol. 77, Issue 6), 671-677. https://doi.org/10.1002/jctb.619

[72] Friede, G., Busch, T., & Bassen, A. (2015). ESG and financial performance: aggregated evidence from more than 2000 empirical studies. Journal of Sustainable Finance and Investment, 5(4), 210–233. https://doi.org/10.1080/20430795.2015.1118917

[73] Galego, A., Mira, N., & da Silva, J. V. (2018). Ownership, productivity and firms' life-cycle. European Journal of Family Business, 8(2), 139–150. https://doi.org/10.24310/ejfbejfb.v8i2.5228

[74] Gao, J., Hua, G., AbidAli, R., Mahamane, F., Li, Z., Alfred, A. J., Zhang, T., Wu, D., & Xiao, Q. (2024). Green finance, management power, and environmental information disclosure in China—Theoretical mechanism and empirical evidence. Business Ethics, the En-vironment & Responsibility. https://doi.org/10.1111/beer.12675

[75] García Martín, C. J., & Herrero, B. (2018). Boards of directors: composition and effects on the performance of the firm. Economic Re-search , 31(1), 1015–1041. https://doi.org/10.1080/1331677X.2018.1436454

[76] Ghozali, I. (2016). Multivariate Analysis Application with IBM SPSS 23 Program. In Diponegoro University Publishing Agency(8th ed.). Diponegoro University Publishing Agency.

[77] Giannarakis, G., Andronikidis, A., & Sariannidis, N. (2020). Determinants of environmental disclosure: investigating new and conven-tional corporate governance characteristics. Annals of Operations Research, 294(1–2), 87–105. https://doi.org/10.1007/s10479-019-03323-x

[78] Giraldez-Puig, P., & Berenguer, E. (2018). Family female executives and firm financial performance. Sustainability (Switzerland), 10(11), 1–15. https://doi.org/10.3390/su10114163

[79] Githaiga, P. N., & Kosgei, J. K. (2023). Board characteristics and sustainability reporting: a case of listed firms in East Africa. Corporate Governance (Bingley), 23(1), 3–17. https://doi.org/10.1108/CG-12-2021-0449

[80] Global Reporting Initiative. (2002). Global Reporting Initiative - Sustainability Reporting Guidelines.

[81] Gold, N. O., & Taib, F. M. (2023). Corporate governance and extent of corporate sustainability practice: the role of investor activism. So-cial Responsibility Journal, 19(1), 184–210. https://doi.org/10.1108/SRJ-06-2021-0228

[82] Govindan, K., Karaman, A. S., Uyar, A., & Kilic, M. (2023). Board structure and financial performance in the logistics sector: Do contin-gencies matter? Transportation Research, 176(October), 1–17. https://doi.org/10.1016/j.tre.2023.103187

[83] Green, C. P., & Homroy, S. (2018). Female directors, board committees and firm performance. European Economic Review, 102, 19–38. https://doi.org/10.1016/j.euroecorev.2017.12.003

[84] Greenwood, M. (2001). The Importance of Stakeholders According to Business Leaders. Business and Society Review, 106(1), 29–49. https://doi.org/10.1111/0045-3609.00100

[85] Harmono. (2022).Financial Management: Balanced Scorecard-Based Approach to Theory, Cases and Business Research. (9th ed.) Ray Graphics Offset.

[86] Harrison, J. S., Bosse, D. A., & Phillips, R. A. (2010). Managing for stakeholders, stakeholder utility functions, and competitive ad-vantage. Strategic Management Journal, 31(1), 58–74. https://doi.org/10.1002/smj.801

[87] Hasanah, D. U. (2018). Violence and Discrimination Against Women from a Legal Perspective.Harkat Journal: Gender Communication Media, 12(2), 109–116. https://doi.org/10.15408/harkat.v12i2.7564

[88] Bazhair, Hasan A., & Naif Alshareef, M. (2022). Dynamic relationship between ownership structure and financial performance: a Saudi experience. Cogent Business and Management, 9(1), 1-15. https://doi.org/10.1080/23311975.2022.2098636

[89] Helfert, E. A. (1999).Financial statement analysis techniques: practical guidelines for managing and measuring company performance. (8th ed.). Erlangga.

[90] Hidayat, R. R., Lestari, H. S., & Margaretha, F. (2022). The Effect of Board Diversity, CEO Characteristics, and Board Committees on Firm Performance of Banks Listed on the Indonesia Stock Exchange.Scientific Journal of Management, Economics, & Accounting (MEA), 6(3), 88–110.https//doi.org/ 10.31955/mea.v8i1.3609

[91] Hillman A J, G. D. K. (2001). Shareholder value, stakeholder management, and social issues: What's the bottom line? Strategic Manage-ment Journal, 22(2), 125–139.

[92] Holmstrom, B. (1979). Moral Hazard and Observability. In The Bell Journal of Economics (Vol. 10, Issue 1, pp. 74–91). https://doi.org/10.2307/3003320

[93] Hsu, S., Lin, S. W., Chen, W. P., & Huang, J. W. (2019). CEO duality, information costs, and firm performance. North American Journal of Economics and Finance, 55(2), 1–50. https://doi.org/10.1016/j.najef.2019.101011

[94] Hussain, N., Rigoni, U., & Orij, R. P. (2018). Corporate Governance and Sustainability Performance: Analysis of Triple Bottom Line Per-formance. Journal of Business Ethics, 149(2), 411–432. https://doi.org/10.1007/s10551-016-3099-5

[95] Jamil, A., Mohd Ghazali, N. A., & Puat Nelson, S. (2021). The influence of corporate governance structure on sustainability reporting in Malaysia. Social Responsibility Journal, 17(8), 1251–1278. https://doi.org/10.1108/SRJ-08-2020-0310

[96] Jan, A. A., Lai, F. W., & Tahir, M. (2021). Developing an Islamic Corporate Governance framework to examine sustainability perfor-mance in Islamic Banks and Financial Institutions. Journal of Cleaner Production, 315(6), 1–14.

[97] Janggu, T., Darus, F., Zain, M. M., & Sawani, Y. (2014). Does Good Corporate Governance Lead to Better Sustainability Reporting? An Analysis Using Structural Equation Modeling. Procedia - Social and Behavioral Sciences, 145, 138–145. https://doi.org/10.1016/j.sbspro.2014.06.020

[98] Jensen, M. C. (1983). Organization Theory and Methodology. Electronic Journal. https://doi.org/10.2139/ssrn.94036

[99] Jensen, M. C., & Meckling, W. H. (1976). Theory of the firm: Managerial Behavior, Agency Costs and Ownership Structure. In Journal of Financial Economics, 3(4), 305-360. Q North-Holland Publishing Company.

[100] Jensen, M., & Meckling, W. (1976). Theory of the firm: Managerial behavior, agency costs, and ownership structure. The Economic Na-ture of the Firm: A Reader, Third Edition, 3(4), 283–303. https://doi.org/10.1017/CBO9780511817410.023

[101] Jiang, L., Cherian, J., Sial, M. S., Wan, P., Filipe, J. A., Mata, M. N., & Chen, X. (2021). The moderating role of CSR in board gender diversity and firm financial performance: empirical evidence from an emerging economy. Economic Research , 34(1), 2354–2373. https://doi.org/10.1080/1331677X.2020.1863829

[102] John Kaler. (2003). Differentiating Stakeholder Theories. Journal of Business Ethics, 46, 71–83. https://link.springer.com/content/pdf/10.1023%2FA%3A1024794710899.pdf

[103] Ju Ahmad, N. B., Rashid, A., & Gow, J. (2017). CEO duality and corporate social responsibility reporting: Evidence from Malaysia. Cor-porate Ownership and Control, 14(2), 69–81. https://doi.org/10.22495/cocv14i2art7

[104] Kangarlouei, S. J., Motavassel, M., Azizi, A., & Farahani, M. S. (2012). The investigation of the relationship between dividend policies, cash-flow uncertainty, contributed capital mix and investment opportunities: the case of emerging markets (Tehran Stock Exchange). International Journal of Business and Social Science, 3(2), 172–181.

[105] Kaplan, R. S., & Norton, D. P. (2021). The Balanced Scorecard: Translating Strategy into Action. In Harvard Business Review Press.

[106] Karinda, D. N., Suranto, F., & Farhana, S. (2022). Board Characteristics and Corporate Financial Performance in Indonesia.Journal of Accounting & Management Innovation, 6(1), 96–121.

[107] Ministry of Administrative and Bureaucratic Reform of the Republic of Indonesia. (2023).Manufacturing Sector Growth Outpaced Eco-nomic Growth in the Third Quarter. Press Release. https://www.kemenperin.go.id/artikel/24424/Triwulan-III,-Sektor-Manufaktur-Tumbuh-Lampaui-Perkembangan-Ekonomi

[108] Key, S. (1999). Toward a new theory of the firm: A critique of stakeholder "theory." Management Decision, 37(4), 317–328. https://doi.org/10.1108/00251749910269366

[109] Klein, S. L. (2003). Corporate Governance, Board Diversity, and Firm Value. CFA Digest, 33(3), 22–23. https://doi.org/10.2469/dig.v33.n3.1310

[110] KNKG. (2006). General Guidelines for Good Corporate Governance in Indonesia.National Committee on Governance Policy, 7823–7830.

[111] Knyazeva, A., Knyazeva, D., & Masulis, R. W. (2013). The supply of corporate directors and board independence. Review of Financial Studies, 26(6), 1561–1605. https://doi.org/10.1093/rfs/hht020

[112] Kristina, I. G. A. R., & Wiratmaja, I. D. N. (2018). The Effect of Board Diversity and Intellectual Capital on Firm Value.Accounting E-Journal, 22, 2313. https://doi.org/10.24843/eja.2018.v22.i03.p25

[113] La Rocca, M., Fasano, F., La Rocca, T., & Neha, N. (2023). Women in CEO duality and firm performance in Europe. Journal of Man-agement and Governance, 28(1), 177–214. https://doi.org/10.1007/s10997-023-09669-6

[114] La Torre, M., Sabelfeld, S., Blomkvist, M., Tarquinio, L., & Dumay, J. (2018). Harmonising non-financial reporting regulation in Europe: Practical forces and projections for future research. Meditari Accountancy Research, 26(4), 598–621. https://doi.org/10.1108/MEDAR-02-2018-0290

[115] Laporšek, S., Dolenc, P., Grum, A., & Stubelj, I. (2021). Ownership structure and firm performance–The case of Slovenia. Economic Re-search , 34(1), 2975–2996. https://doi.org/10.1080/1331677X.2020.1865827

[116] Larrinaga, C., & Bebbington, J. (2021). The pre-history of sustainability reporting : a constructivist reading. 34(9), 162–181. https://doi.org/10.1108/AAAJ-03-2017-2872

[117] Lee Brown, D., Guidry, R. P., & Patten, D. M. (2009). Sustainability reporting and perceptions of corporate reputation: An analysis us-ing fortune. 4(2010), 83–104. https://doi.org/10.1108/s1479-3598(2010)0000004007

[118] Li, D., Huang, M., Ren, S., Chen, X., & Ning, L. (2018). Environmental Legitimacy, Green Innovation, and Corporate Carbon Disclosure: Evidence from CDP China 100. Journal of Business Ethics, 150(4), 1089–1104. https://doi.org/10.1007/s10551-016-3187-6

[119] Lin, C. C., & Nguyen, T. P. (2022). Board attributes and corporate social responsibility performance: evidence from Vietnam. Cogent Business and Management, 9(1), 1–16. https://doi.org/10.1080/23311975.2022.2087461

[120] Liu, K. (2014). Human Capital, Social Collaboration, and Patent Renewal Within U.S. Pharmaceutical Firms. Journal of Management, 40(2), 616–636. https://doi.org/10.1177/0149206313511117

[121] Liu, T., Abdelbaky, A., Elamer, A. A., & Elmahgoub, M. (2023). Real earnings management and ESG disclosure in emerging markets: The moder-ating effect of managerial ownership from a social norm perspective. Heliyon, 9(12), e22832. https://doi.org/10.1016/j.heliyon.2023.e22832

[122] Lourenço, I. C., Branco, M. C., Curto, J. D., & Eugénio, T. (2012). How Does Market Value Impact Corporate Sustainability Perfor-mance?Journal of Business Ethics, 108(4), 417–428. https://doi.org/10.1007/s10551-011-1102-8

[123] Maroun, W. (2019). Does external assurance contribute to higher quality integrated reports? Journal of Accounting and Public Policy, 38(4), 1–23. https://doi.org/10.1016/j.jaccpubpol.2019.06.002

[124] Martinez-Jimenez, R., Hernández-Ortiz, M. J., & Cabrera Fernández, A. I. (2020). Gender diversity influence on board effectiveness and business performance. Corporate Governance (Bingley), 20(2), 307–323. https://doi.org/10.1108/CG-07-2019-0206

[125] Minister of State-Owned Enterprises. (2002). Decree of the Minister of State-Owned Enterprises No. 117 of 2002 on the Implementation of Good Corporate Governance Practices in State-Owned Enterprises (BUMN).Implementation of Good Corporate Governance Practices in State-Owned Enterprises (BUMN).

[126] Michelon, G., & Parbonetti, A. (2012). The effect of corporate governance on sustainability disclosure. Journal of Management and Gov-ernance, 16(3), 477–509. https://doi.org/10.1007/s10997-010-9160-3

[127] Miles, J. A. (2012).Management and Organization Theory (First Edit). Jossey-Bass.

[128] Mishra, S. (2020). Do Independent Directors Improve Firm Performance? Evidence from India. Global Business Review, 24(5), 1–19. https://doi.org/10.1177/0972150920917310

[129] Mismiwati, M. (2025). The Influence Of Ownership Structure On GCG Effectiveness And Its Implications For Financial Performance. Oikonomia : Journal of Management Economics and Accounting, 2(4), 58–66. https://doi.org/10.61942/oikonomia.v2i4.412

[130] Moreno, M. L. P., & Duarte-Atoche, T. (2006). Sustainability Accounting and Reporting: Development, Linkages, and Reflection. In Springer International Publishing (pp. 1–33). Springer.

[131] Muhammad Shaukat Malik, D. D. M. (2016). Does corporate governance beget firm performance in Fortune Global 500 companies? Cor-porate Governance. International Journal of Business in Society, 16(4), 747–764. http://dx.doi.org/10.1108/CG-12-2015-0156

[132] Mulyadi. (2007).Management planning and control system: a company performance multiplier system(3rd ed.). Salemba Empat.

[133] Munir A, F. U. K. & U. M. (2019). Relationship between corporate sustainability, corporate governance and financial performance. Paki-stan Journal of Commerce and Social, 13(4), 915–933.

[134] Muttakin, M. B., & Subramaniam, N. (2015). Firm ownership and board characteristics: Do they matter for corporate social responsibility disclosure of Indian Companies? Sustainability Accounting, Management and Policy Journal, 6(2), 138–165. https://doi.org/10.1108/SAMPJ-10-2013-0042

[135] Naciti, V., Noto, G., Vermiglio, C., & Barresi, G. (2022). Gender representation and financial performance: an empirical analysis of public hospitals. International Journal of Public Sector Management, 35(5), 603–621. https://doi.org/10.1108/IJPSM-01-2022-0004

[136] Nègre, E., Verdier, M. A., Cho, C. H., & Patten, D. M. (2017). Disclosure strategies and investor reactions to downsizing announcements: A legitimacy perspective. Journal of Accounting and Public Policy, 36(3), 239–257. https://doi.org/10.1016/j.jaccpubpol.2017.03.003

[137] Nepal, M., & Deb, R. (2022). Board Characteristics and Firm Performance: Indian Textiles Sector Panorama. Management and Labour Studies, 47(1), 74–96. https://doi.org/10.1177/0258042X211026148

[138] Nguyen, H. A., Lien Le, Q., & Anh Vu, T. K. (2021). Ownership structure and earnings management: Empirical evidence from Vietnam. Cogent Business and Management, 8(1), 1–21. https://doi.org/10.1080/23311975.2021.1908006

[139] Nguyen, T. H., Nguyen, Q. T., Nguyen, D. M., & Le, T. (2023). The effect of corporate governance elements on corporate social respon-sibility reporting of listed companies in Vietnam. Cogent Business and Management, 10(1), 1–21. https://doi.org/10.1080/23311975.2023.2170522

[140] Nicolò, G., Zampone, G., Sannino, G., & De Iorio, S. (2022). Sustainable corporate governance and non-financial disclosure in Europe: does gender diversity matter?Journal of Applied Accounting Research, 23(1), 227–249. https://doi.org/10.1108/JAAR-04-2021-0100

[141] Odriozola, M. D., & Baraibar-Diez, E. (2017). Is Corporate Reputation Associated with Quality of CSR Reporting? Evidence from Spain. Corporate Social Responsibility and Environmental Management, 24(2), 121–132. https://doi.org/10.1002/csr.1399

[142] Omran, M. M., Bolbol, A., & Fatheldin, A. (2008). Corporate governance and firm performance in Arab equity markets: Does ownership concen-tration matter? International Review of Law and Economics, 28(1), 32–45. https://doi.org/10.1016/j.irle.2007.12.001

[143] Financial Services Authority. (2014).Financial Services Authority Regulation Number 33/POJK.04/2014 Concerning the Board of Direc-tors and Board of Commissioners of Issuers or Public Companies. https://www.ojk.go.id/id/aturan/Documents/Pages/POJK-tentang-Direksi-dan-Dewan--Komisaris-Emiten-atau-Perusahaan-Publik/POJK 33. Directors and Board of Commissioners of Issu-ers or Public Companies.pdf

[144] Financial Services Authority. (2017).Financial Services Authority Regulations.

[145] Oware, K. M., & Awunyo-Vitor, D. (2021). CEO characteristics and environmental disclosure of listed firms in an emerging economy: Does sus-tainability reporting format matter? Business Strategy and Development, 4(4), 399–410. https://doi.org/10.1002/bsd2.166

[146] Ozili, P. K. (2022).Sustainability Accounting (pp. 171–180). https://doi.org/10.1108/S1569-37592022000108A039

[147] Pan, X., Sha, J., Zhang, H., & Ke, W. (2014). Relationship between corporate social responsibility and financial performance in the miner-al industry: Evidence from Chinese mineral firms. Sustainability (Switzerland), 6(7), 4077–4101. https://doi.org/10.3390/su6074077

[148] Pham, D. C., Do, T. N. A., Doan, T. N., Nguyen, T. X. H., & Pham, T. K. Y. (2021). The impact of sustainability practices on financial performance: empirical evidence from Sweden. Cogent Business and Management, 8(1), 1–19. https://doi.org/10.1080/23311975.2021.1912526

[149] Pham, H. S. T., & Tran, H. T. (2020). CSR disclosure and firm performance: The mediating role of corporate reputation and moderating role of CEO integrity. Journal of Business Research, 120(January 2019), 127–136. https://doi.org/10.1016/j.jbusres.2020.08.002

[150] Phan Trong, N., & Vu Thi Thuy, V. (2021). Impacts of ownership structure on stock price synchronicity of listed companies on Vietnam stock market. In Cogent Business and Management, 8(1), 1-14. https://doi.org/10.1080/23311975.2021.1963178

[151] Porter, M. E., & Heppelmann, J. E. (2014). How Smart, Connected Products Are Transforming Competition. Harvard Business Review, 90(5), 64–88.

[152] President of the Republic of Indonesia. (2012).Social and Environmental Responsibility of Limited Liability Companies.

[153] President of the Republic of Indonesia. (2007). Law of the Republic of Indonesia No. 40 of 2007. Financial Services Authority, 1–140.

[154] Puspitawati, H. (2012). Concept, theory and gender analysis. Gender and Family: Concept and Reality in Indonesia, 4, 1–13.

[155] PWC Indonesia. (2023). Trends and Directions of Indonesia's Sustainability Report in the Future. Press Release. https://www.pwc.com/id/en/media-centre/press-release/2023/indonesian/tren-dan-arah-sustainability-report-indonesia-di-masa-mendatang.html

[156] Rahi, A. F., Akter, R., & Johansson, J. (2022). Do sustainability practices influence financial performance? Evidence from the Nordic fi-nancial industry. Accounting Research Journal, 35(2), 292–314. https://doi.org/10.1108/ARJ-12-2020-0373

[157] Ramdani, D., & Witteloostuijn, A. van. (2010). The impact of board independence and CEO duality on firm performance: A quantile re-gression analysis for Indonesia, Malaysia, South Korea and Thailand. British Journal of Management, 21(3), 607–627. https://doi.org/10.1111/j.1467-8551.2010.00708.x

[158] Reddy, S., & Jadhav, A. M. (2019). Gender diversity in boardrooms–A literature review. Cogent Economics and Finance, 7(1), 1–11. https://doi.org/10.1080/23322039.2019.1644703

[159] Reisch, L. A., & Bietz, S. (2011).“Sustainability Communication”: Sustainability Communication-Interdisciplinary Perspectives and Theoretical Foundations,141-150. https://doi.org/10.1007/978-94-007-1697-1

[160] Remo-Diez, N., Mendaña-Cuervo, C., & Arenas-Parra, M. (2023). Exploring the asymmetric impact of sustainability reporting on finan-cial performance in the utilities sector: A longitudinal comparative analysis. Utilities Policy, 84(August), 1–12. https://doi.org/10.1016/j.jup.2023.101650

[161] Rezaee, Z., & Tuo, L. (2019). Are the Quantity and Quality of Sustainability Disclosures Associated with the Innate and Discretionary Earnings Quality? Journal of Business Ethics, 155(3), 763–786. https://doi.org/10.1007/s10551-017-3546-y

[162] Saeed, U. F., Kamil, R., & Wiredu, I. (2024). The moderating role of technological innovation on ownership structure, financing decisions and environmental accounting disclosure. Cogent Business & Management, 11(1). https://doi.org/10p.1080/23311975.2024.2396543

[163] Samaha, K., & Dahawy, K. (2011). An empirical analysis of corporate governance structures and voluntary corporate disclosure in volatile capital markets: The Egyptian experience. International Journal of Accounting, Auditing and Performance Evaluation, 7(1–2), 61–93. https://doi.org/10.1504/IJAAPE.2011.037726

[164] Sanan, N. K. (2016). Board Gender Diversity, Financial and Social Performance of Indian Firms. Vision, 20(4), 361–367. https://doi.org/10.1177/0972262916673006

[165] Sandhu, A., & Singh, B. (2019). Board composition and corporate reporting on internet: Indian evidence. Journal of Financial Reporting and Accounting, 17(2), 292–319. https://doi.org/10.1108/JFRA-05-2017-0031

[166] Saputra, F. (2022). Analysis Effect Return on Assets (ROA), Return on Equity (ROE) and Price Earning Ratio (PER) on Stock Prices of Coal Companies in the Indonesia Stock Exchange (IDX) Period 2018-2021. DIJEFA: Dinasti International Journal of Economics, Finance and Accounting, 3(1), 82–94. https://doi.org/10.38035/dijefa.v3i1

[167] Sari, I. P. (2021). Implementation of Corporate Governance on Company Performance.Juripol, 4(1), 90–97. https://doi.org/10.33395/juripol.v4i1.10987

[168] Sarkar, J., & Selarka, E. (2021). Women on board and performance of family firms: Evidence from India. Emerging Markets Review, 46(C), 1–42. https://doi.org/10.1016/j.ememar.2020.100770

[169] Schaltegger, S., Bennett, M., & Burritt, R. (2006). Sustainability Accounting and Reporting : Development, Linkages and Reflection What is Understood by Corporate Sustainability ? In Springer International Publishing (pp. 1–33).

[170] Setiawan D (2020).Indonesia Ranks 4th in Countries with Female Directors. Press Release. https://money.kompas.com/read/2020/03/17/163515926/ri-peringkat-4-negara-dengan-direktur-perempuan-terbanyak#

[171] Shahroor, H. G., & Ismail, A. I. (2022). Corporate Governance Mechanisms and Earnings Management Activities: Evidence from the UAE Banking Sector. FIIB Business Review, 13(2), 1–12. https://doi.org/10.1177/23197145221099099

[172] Shan, Y. G. (2019). Managerial ownership, board independence and firm performance. Accounting Research Journal, 32(2), 203–220. https://doi.org/10.1108/ARJ-09-2017-0149

[173] Sharyn Graham Davies. (2017). Gender Diversity in Indonesia. InIndonesian Obor Library Foundation.

[174] Shleifer, A., & Vishny, R. W. (1986). Large Shareholders and Corporate Control. Journal of Political Economy, 94(3, Part 1), 461–488. https://doi.org/10.1086/261385

[175] Simionescu, L. N., Gherghina, Ş. C., Tawil, H., & Sheikha, Z. (2021). Does board gender diversity affect firm performance? Empirical evidence from Standard & Poor’s 500 Information Technology Sector. Financial Innovation, 7(52), 1–45. https://doi.org/10.1186/s40854-021-00265-x

[176] Singh, J., Singhania, S., & Aggrawal, D. (2023). Does board gender diversity impact financial performance? Evidence from the Indian IT sector. Society and Business Review, 18(1), 51–70. https://doi.org/10.1108/SBR-09-2021-0164

[177] Singhania, S., Singh, J., & Aggrawal, D. (2022). Board committees and financial performance: exploring the effects of gender diversity in the emerging economy of India. International Journal of Emerging Markets, 19(6), 1626–1644. https://doi.org/10.1108/IJOEM-03-2022-0491

[178] Singhania, S., Singh, J., Aggrawal, D., & Rana, S. (2023). Board gender diversity and sustainability reporting quality: a generalized or-dered logit approach. Cybernetes, 12(5) 686-700. https://doi.org/10.1108/K-07-2022-0963

[179] Sirgy, M. J. (2002). Measuring corporate performance by building on the stakeholders model of business ethics. Journal of Business Eth-ics, 35(3), 143–162. https://doi.org/10.1023/A:1013856421897

[180] Strand, R. (2013). The Chief Officer of Corporate Social Responsibility: A Study of Its Presence in Top Management Teams. Journal of Business Ethics, 112(4), 721–734. https://doi.org/10.1007/s10551-012-1568-z

[181] Subramaniam, N., Akbar, S., Situ, H., Ji, S., & Parikh, N. (2023). Sustainable development goal reporting: Contrasting effects of institu-tional and organisational factors. Journal of Cleaner Production, 411(April), 1–14. https://doi.org/10.1016/j.jclepro.2023.137339

[182] Sugiono. (2016).Quantitative, Qualitative and R&D Research Methods (Issue April).

[183] Susilo, D. E., Chandrarin, G., & Triatmanto, B. (2019). The importance of corporate social responsibility and financial performance for the value of banking companies in Indonesia. International Journal of Economics and Business Administration, 7(2), 229–236. https://doi.org/10.35808/ijeba/239

[184] Sutedja Saras. (2021).What Is a Board of Directors? Definition, Responsibilities, Independence, and Research Ideas. ESG I. https://www.esgi.ai/dev-test/apa-itu-dewan-direksi/

[185] Suwardjono. (2005). Accounting Theory and Financial Report Engineering.BPFE Yogyakarta.

[186] Tibiletti, V., Marchini, P. L., Furlotti, K., & Medioli, A. (2021). Does corporate governance matter in corporate social responsibility dis-closure? Evidence from Italy in the “era of sustainability.” Corporate Social Responsibility and Environmental Management, 28(2), 896–907. https://doi.org/10.1002/csr.2097

[187] Torchia, M., Calabrò, A., Gabaldon, P., & Kanadli, S. B. (2018). Women directors contribution to organizational innovation: A behavioral approach. Scandinavian Journal of Management, 34(2), 215–224. https://doi.org/10.1016/j.scaman.2018.02.001

[188] Tran, H. T. (2021). The link between independent directors and firm’s performance: the moderating role of corporate social responsibility. Corporate Governance (Bingley), 21(5), 831–844. https://doi.org/10.1108/CG-05-2020-0176

[189] Ullmann, A. A. (1985). Data in Search of a Theory: A Critical Examination of the Relationships among Social Performance, Social Dis-closure, and Economic Performance of U. S. Firms. The Academy of Management Review, 10(3), 540–557. https://doi.org/10.2307/258135
[190] Uribe-Bohorquez, M. V., Martínez-Ferrero, J., & García-Sánchez, I. M. (2018). Board independence and firm performance: The moderat-ing effect of institutional context. Journal of Business Research, 88(March), 28–43. https://doi.org/10.1016/j.jbusres.2018.03.005
[191] Manufacturing Development Matters: Is Jokowi Far Behind Megawati & SBY? (2024). CNBC Indonesia. https://www.cnbcindonesia.com/research/20240208103529-128-512811/urusan-bangun-manufaktur-jokowi-kalah-jauh-dari-megawati-sby
[192] Valls Martínez, V. M. del C., & Cruz Rambaud, S. (2019). Women on corporate boards and firm's financial performance. Women's Stud-ies International Forum, 76(September), 1–11. https://doi.org/10.1016/j.wsif.2019.102251
[193] Voinea, C. L., Rauf, F., Naveed, K., & Fratostiteanu, C. (2022). The Impact of CEO Duality and Financial Performance on CSR Disclo-sure: Empirical Evidence from State-Owned Enterprises in China. Journal of Risk and Financial Management, 15(1), 1–17. https://doi.org/10.3390/jrfm15010037
[194] Wang, K. T., & Shailer, G. (2018). Does Ownership Identity Matter? A Meta-analysis of Research on Firm Financial Performance in Re-lation to Government versus Private Ownership. Abacus, 54(1), 1–35. https://doi.org/10.1111/abac.12103
[195] Wang, Q., Dou, J., & Jia, S. (2016). A Meta-Analytic Review of Corporate Social Responsibility and Corporate Financial Performance: The Mod-erating Effect of Contextual Factors. In Business and Society (Vol. 55, Issue 8). https://doi.org/10.1177/0007650315584317
[196] Wijayanti, R., & Setiawan, D. (2023). The role of the board of directors and the sharia supervisory board on sustainability reports. Journal of Open Innovation: Technology, Market, and Complexity, 9(3), 1–11. https://doi.org/10.1016/j.joitmc.2023.100083
[197] Wijethilake, C., & Ekanayake, A. (2020). CEO duality and firm performance: the moderating roles of CEO informal power and board in-volvements. Social Responsibility Journal, 16(8), 1453–1474. https://doi.org/10.1108/SRJ-12-2018-0321
[198] Xie, J., Nozawa, W., Yagi, M., Fujii, H., & Managi, S. (2019). Do environmental, social, and governance activities improve corporate fi-nancial performance? Business Strategy and the Environment, 28(2), 286–300. https://doi.org/10.1002/bse.2224
[199] Yadav, P., & Jain, A. (2023). Sustainability disclosures and corporate boards: a stakeholder approach to decision-making. Journal of Ap-plied Accounting, 61(3), 690-752. Research. https://doi.org/10.1108/JAAR-10-2022-0279
[200] Yang, P., Riepe, J., Moser, K., Pull, K., & Terjesen, S. (2019). Women directors, firm performance, and firm risk: A causal perspective. Leadership Quarterly, 30(5), 101297. https://doi.org/10.1016/j.leaqua.2019.05.004
[201] Yu, M. (2023). CEO duality and firm performance: A systematic review and research agenda. European Management Review, 20(2), 347–359. https://doi.org/10.1111/emre.12522
[202] Yuniarti, S., Chandrarin, G., & Subiyantoro, E. (2018). The direct and indirect impacts of good corporate governance on banking stability: An empirical study in Indonesia. International Journal of Business and Society, 19(62), 517–534.
[203] Zahid, M., Rahman, H. U., Ali, W., Khan, M., Alharthi, M., Imran Qureshi, M., & Jan, A. (2020). Boardroom gender diversity: Implica-tions for corporate sustainability disclosures in Malaysia. Journal of Cleaner Production, 244, 1-16. https://doi.org/10.1016/j.jclepro.2019.118683
[204] Zhang, Y., Khan, U., Lee, S., & Salik, M. (2019). The influence of management innovation and technological innovation on organization perfor-mance. a mediating role of sustainability. Sustainability (Switzerland), 11(2), 1-21. https://doi.org/10.3390/su11020495