The Impact of Leverage on Corporate Financial Performance: A Comprehensive Literature Review

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Abstract

Leverage is a critical concept in financial management that can significantly influence a company's capital structure and overall performance. Properly managed leverage can enhance a company's return on equity, but it also elevates the risk of bankruptcy if not handled with care. This literature review aims to provide a comprehensive analysis of the impact of leverage on corporate financial performance, drawing insights from recent studies and highlighting key factors that affect the effective use of leverage in various industrial contexts. Previous studies have shown that leverage can enhance operational efficiency and the productivity of invested capital, supporting corporate growth and value. However, improper leverage decisions can increase financial risk and instability. Additionally, the interaction between leverage, capital structure, and corporate governance highlights the importance of strategic financial planning and robust governance frameworks in optimizing financial outcomes. The relationship between leverage and corporate social responsibility (CSR) also demonstrates that well-managed leverage can amplify the positive effects of CSR initiatives on financial performance and risk management. This review provides valuable insights for academics and practitioners, identifying gaps in the literature and calling for more comprehensive and context-specific studies to further explore these dynamics.

Keywords: *Capital Structure, Corporate Financial Performance, Corporate Governance, Corporate Social Responsibility, Earnings Management, Leverage, Risk Management*

INTRODUCTION

Leverage is a critical concept in financial management that can significantly influence a company's capital structure and overall performance. Properly managed leverage can enhance a company's return on equity, but it also elevates the risk of bankruptcy if not handled with care. Understanding the dynamics of leverage is essential for making informed financial decisions that ensure both growth and stability. This literature review aims to provide a comprehensive analysis of the impact of leverage on corporate financial performance, drawing insights from recent studies and highlighting key factors that affect the effective use of leverage in various industrial contexts.

Leverage plays a pivotal role in financial management by influencing a company's investment and financing decisions, which in turn affects its profitability and financial risk. Companies utilize leverage to amplify returns on equity, but this comes with the heightened risk of financial distress and potential bankruptcy. Therefore, understanding the intricate balance of leverage is crucial for both corporate managers and investors. The relevance of this topic is underscored by ongoing developments in financial markets and evolving corporate strategies. This literature review aims to synthesize recent research on the impact of leverage on corporate financial performance, offering a detailed analysis of key factors that determine the effective use of leverage. By doing so, it seeks to provide valuable insights for academics and practitioners, highlighting areas that require further exploration and contributing to more informed financial decision-making.

Previous studies have extensively examined various aspects of leverage and its impact on corporate financial performance. Mallinguh et al. (2020) demonstrated that financial leverage can enhance operational efficiency and the productivity of invested capital across different industrial sectors. Poursoleiman et al. (2020) found that financial leverage is closely related to a company's ability to make high-yield investments, thereby increasing capital productivity. Nadilla et al. (2019) revealed that leverage allows companies to access larger funds for investment, which can improve operational scale and production efficiency. Research by Kasasbeh (2021) asserted that an optimal leverage ratio can utilize capital more productively, enhancing return on investment (ROI) and the efficiency of invested capital. Alarussi (2021) added that leverage can boost a company's competitiveness by enabling expansion and innovation funded by debt. The network visualization (refer to Figure 1) illustrates the relationships between these studies, highlighting key themes such as the impact of leverage on financial performance, earnings management, CSR, capital structure, and corporate governance. By mapping these connections, dominant research areas and gaps in the literature are identified, providing clear directions for future research.

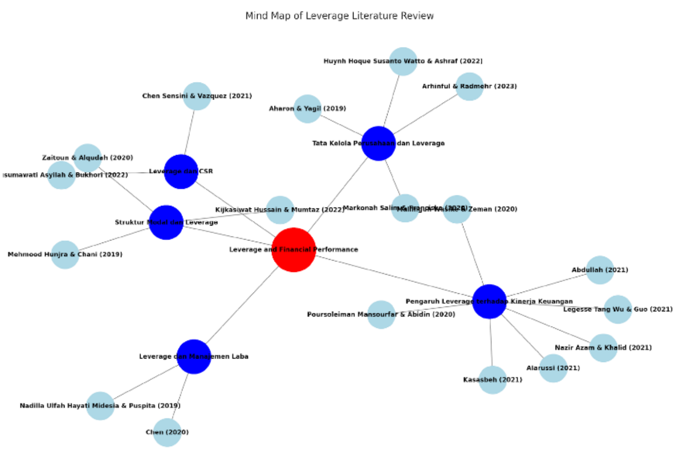

Figure 1. Network Visualization of Leverage

The network visualization reveals several key themes and connections among the studies on leverage and corporate financial performance. The central theme focuses on the direct impact of leverage on financial performance, where numerous studies indicate that optimal leverage ratios can enhance profitability and efficiency. Other significant themes include the relationship between leverage and earnings management, as discussed by Nadilla et al. (2019) and Chen (2020), and the interplay between leverage and corporate social responsibility (CSR), highlighted by Kusumawati et al. (2022) and Chen Sensini & Vazquez (2021). These studies collectively suggest that leverage, when managed effectively, can support sustainable corporate growth and stakeholder value.

However, the visualization also identifies gaps in the literature. While there is extensive research on the benefits and risks of leverage, there is limited exploration of the contextual factors that influence leverage decisions across different industries and economic conditions. Additionally, the interaction between leverage and other financial strategies, such as risk management practices and investment policies, remains underexplored. The need for more comprehensive studies that integrate these aspects is evident.

This literature review aims to synthesize the existing body of knowledge on leverage and corporate financial performance, identifying both established findings and areas requiring further investigation. The key research questions addressed in this review are: (1) How does leverage impact financial performance and earnings management practices across different industrial sectors? (2) How do leverage, capital structure, and corporate governance interact to influence financial performance and decision-making in various economic and industrial conditions? and (3) What is the relationship between leverage and corporate social responsibility (CSR), and how do these factors together affect corporate financial performance and risk management strategies? The subsequent sections will delve into these themes in detail, providing a nuanced understanding of how leverage affects corporate outcomes and highlighting opportunities for future research. By addressing these gaps, the review seeks to contribute to more informed financial decision-making and strategic planning in corporate settings.

METHOD

This literature review employs a systematic approach to identify, evaluate, and synthesize relevant studies on the impact of leverage on corporate financial performance, particularly focusing on three key research questions. The process began with a comprehensive search of academic databases such as Google Scholar and Scopus, targeting peer-reviewed journal articles published within the last five years. Keywords used in the search included "leverage," "corporate financial performance," "earnings management," "corporate social responsibility," "capital structure," and "corporate governance." Studies were included if they provided empirical evidence on the impact of leverage on financial performance and earnings management practices across different industrial sectors; the interaction between leverage, capital structure, and corporate governance in influencing financial performance and decision-making under various economic and industrial conditions; and the relationship between leverage and corporate social responsibility (CSR), and how these factors collectively affect corporate financial performance and risk management strategies. Articles were excluded if they lacked rigorous methodology, were not peer-reviewed, or did not directly address the key research questions. The selected articles were then analyzed to extract key findings, identify common themes, and highlight gaps in the literature. Network visualization tools were utilized to map the connections between different studies, providing a clear overview of the research landscape and facilitating the identification of areas requiring further investigation. By focusing on literature from the past five years, this review ensures that the most recent developments and trends in the field are considered, enabling a comprehensive understanding of how leverage impacts corporate financial outcomes and guiding future research directions.

RESULTS AND DISCUSSION

How does leverage impact financial performance and earnings management practices across different industrial sectors?

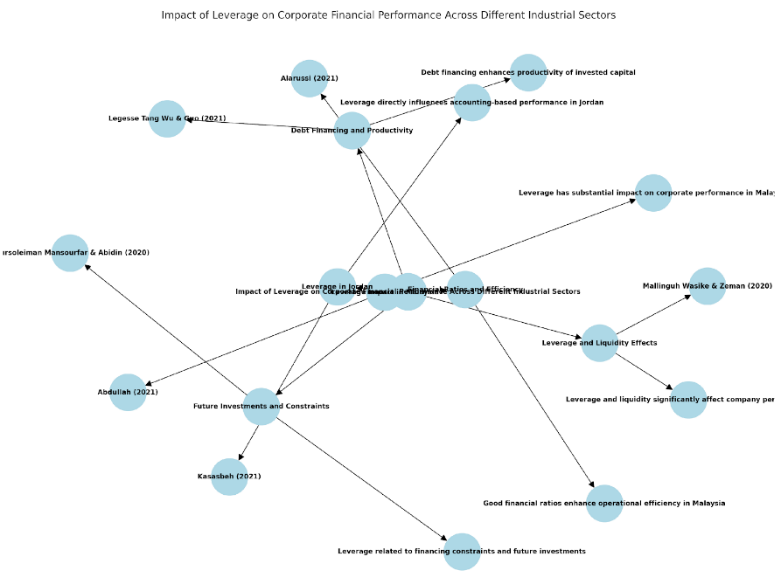

Figure 2. Network Visualization of Leverage Impact on Corporate Financial Performance

Leverage has a significant impact on corporate financial performance across various industrial sectors. Research by Mallinguh Wasike & Zeman (2020) demonstrates that leverage and liquidity significantly affect company performance, indicating that effective leverage management can enhance financial performance across different sectors. Abdullah (2021) supports these findings, showing that leverage has a substantial impact on corporate performance in Malaysia, emphasizing the importance of proper leverage management for improving financial outcomes.

Kasasbeh (2021) highlights that financing decision ratios through leverage directly influence the accounting-based performance of companies in Jordan. This is consistent with Alarussi's (2021) findings, which suggest that good financial ratios can enhance the operational efficiency of companies listed in Malaysia. These studies underscore the crucial role of leverage in determining corporate efficiency and profitability.

Additionally, research by Poursoleiman Mansourfar & Abidin (2020) examines the relationship between financial leverage, debt maturity, future financing constraints, and future investments. Their findings indicate that financial leverage is significantly related to financing constraints and future investments, underscoring the importance of leverage management in supporting long-term corporate growth. Wu & Guo (2021) provide further insights by analyzing the impact of debt financing on corporate investment and the productivity of invested capital. Their research finds that debt financing can enhance the productivity of invested capital and corporate efficiency, demonstrating that well-managed leverage can support corporate growth and operational efficiency.

Overall, these studies indicate that leverage has a significant and multifaceted impact on corporate financial performance across various industrial sectors. Effective leverage management is crucial for maximizing returns and mitigating risks, as well as supporting long-term corporate growth. However, it is important to note that leverage also carries risks that need to be carefully managed to avoid negative impacts on corporate financial stability.

How do leverage, capital structure, and corporate governance interact to influence financial performance and decision-making in various economic and industrial conditions?

Figure 3. Network Visualization of Leverage, Capital Structure, andCorporate Governance Interaction

The interaction between leverage, capital structure, and corporate governance significantly influences corporate financial performance and decision-making, as evidenced by various studies. Kijkasiwat, Hussain, & Mumtaz (2022) highlighted that corporate governance plays a critical role in moderating the effects of financial leverage on firm performance across both developed and emerging economies. Effective governance mechanisms ensure that leverage is used strategically to enhance financial outcomes.

Huynh, Hoque, Susanto, Watto, & Ashraf (2022) found that financial leverage can mediate the relationship between corporate governance and firm performance, suggesting that good governance practices can enhance the benefits of leverage by improving managerial control and decision-making processes. This mediation effect emphasizes the importance of integrating governance practices with financial strategies. Markonah, et al., (2020) emphasized the role of profitability, leverage, and liquidity in determining firm value, indicating that a balanced approach to capital structure can significantly impact financial stability and growth. This study underscores the necessity of maintaining optimal leverage levels to support corporate financial health.

Bintara (2020) demonstrated that debt financing has a substantial impact on firm value in Indonesia, highlighting that appropriate debt levels can enhance corporate valuation and investor confidence. This finding is particularly relevant in emerging markets where access to capital and financial management practices can vary widely. Zaitoun & Alqudah (2020) examined the impact of capital structure on firm performance in Jordan, revealing that a well-balanced capital structure, including prudent use of leverage, is crucial for maximizing corporate performance. This study highlights the importance of strategic financial planning and management in achieving long-term success. Arhinful & Radmehr (2023) explored the impact of financial leverage on the performance of firms listed on the Tokyo Stock Exchange, finding that leverage can significantly enhance financial performance when managed carefully. This study illustrates the importance of context-specific strategies in leveraging financial tools to optimize performance.

Overall, these studies collectively highlight the complex interplay between leverage, capital structure, and corporate governance. Effective management of these elements can lead to improved financial performance, informed decision-making, and enhanced corporate resilience across various economic and industrial conditions. By integrating insights from these studies, firms can develop robust financial strategies that align with their governance frameworks and market environments.

What is the relationship between leverage and corporate social responsibility (CSR), and how do these factors together affect corporate financial performance and risk management strategies?

Figure 4. Network Visualization of Relationship between Leverage, CSR, Financial Performance, and Risk Management

The relationship between leverage and corporate social responsibility (CSR) plays a crucial role in determining corporate financial performance and risk management strategies. Kusumawati, et al., (2022) highlighted that CSR initiatives combined with well-managed leverage can significantly enhance a company's financial performance. Their study found that companies with high CSR commitment and effective leverage management tend to perform better financially.

Jihadi et al., (2021) noted that leverage can moderate the relationship between CSR and financial ratios, impacting overall financial performance. Companies that actively engage in CSR and maintain high leverage often exhibit healthier financial ratios, reflecting good financial management and a commitment to sustainable business practices. Mehmood et al., (2019) emphasized the role of corporate diversification and financial structure in the leverage-CSR-performance nexus. Their findings suggest that well-diversified companies can leverage debt to fund extensive and diverse CSR initiatives, thereby enhancing the positive impact of CSR on financial performance.

Markonah, et al., (2020) demonstrated that good corporate governance can enhance the effectiveness of leverage in supporting CSR and improving financial performance. Their study underscores the importance of transparency and accountability in decision-making processes. Bintara (2020) revealed that debt financing significantly influences a company's ability to undertake ambitious CSR programs, which in turn improves corporate reputation and financial performance. Companies with higher leverage can allocate more resources to CSR, boosting their long-term financial outcomes. Zaitoun & Alqudah (2020) showed that a balanced capital structure, including prudent use of leverage, greatly affects how CSR initiatives impact financial performance. Effective capital management allows companies to invest more in CSR without compromising liquidity.

Overall, these studies collectively highlight that leverage can act as a significant moderating factor in the relationship between CSR and financial performance. Wise leverage management can enhance the effectiveness of CSR initiatives, leading to improved financial outcomes and stronger corporate resilience.

CONCLUSION

This literature review has synthesized the existing body of knowledge on the impact of leverage on corporate financial performance, revealing its multifaceted role across different industrial sectors. Leverage significantly affects financial performance and earnings management practices, as effective leverage management can enhance profitability and operational efficiency while mitigating risks. Additionally, the interaction between leverage, capital structure, and corporate governance underscores the importance of strategic financial planning and robust governance frameworks in optimizing financial outcomes. Furthermore, the relationship between leverage and corporate social responsibility (CSR) highlights that well-managed leverage can amplify the positive effects of CSR initiatives on financial performance and risk management. These findings collectively suggest that an integrated approach to managing leverage, considering both internal and external factors, is crucial for achieving sustainable corporate growth and resilience. This review not only provides valuable insights for academics and practitioners but also identifies gaps in the literature, calling for more comprehensive and context-specific studies to further explore these dynamics.

REFERENCES

Abdullah, H. (2021). Profitability and Leverage as Determinants of Dividend Policy: Evidence of Turkish Financial Firms. *Eurasian Journal of Management & Social Sciences*, *2*(3). https://doi.org/10.23918/ejmss.V2i3p15

Aharon, D. Y., & Yagil, Y. (2019). [No titleThe Impact of Financial Leverage on the Cost of Equity found]. *International Journal of Economics and Financial Issues*, *9*(2).

Alarussi, A. S. A. (2021). Financial ratios and efficiency in Malaysian listed companies. *Asian Journal of Economics and Banking*, *5*(2), 116–135. https://doi.org/10.1108/AJEB-06-2020-0014

Arhinful, R., & Radmehr, M. (2023). The Impact of Financial Leverage on the Financial Performance of the Firms Listed on the Tokyo Stock Exchange. *Sage Open*, *13*(4), 21582440231204099. https://doi.org/10.1177/21582440231204099

Bintara, R. (2020). The Effect of Working Capital, Liquidity and Leverage on Profitability. *Saudi Journal of Economics and Finance*, *04*(01), 28–35. https://doi.org/10.36348/sjef.2020.v04i01.005

Chen, C.-C., Khan, A., Hongsuchon, T., Ruangkanjanases, A., Chen, Y.-T., Sivarak, O., & Chen, S.-C. (2021). The Role of Corporate Social Responsibility and Corporate Image in Times of Crisis: The Mediating Role of Customer Trust. *International Journal of Environmental Research and Public Health*, *18*(16), 8275. https://doi.org/10.3390/ijerph18168275

Chen, H. (2020). *The Impact of Financial Leverage on Firm Performance – Based on the Moderating Role of Operating Leverage*. 464–473. https://doi.org/10.2991/aebmr.k.201211.079

Huynh, Q. L., Hoque, M. E., Susanto, P., Watto, W. A., & Ashraf, M. (2022). Does Financial Leverage Mediates Corporate Governance and Firm Performance? *Sustainability*, *14*(20), Article 20. https://doi.org/10.3390/su142013545

Jihadi, M., Vilantika, E., Hashemi, S. M., Arifin, Z., Bachtiar, Y., & Sholichah, F. (2021). The Effect of Liquidity, Leverage, and Profitability on Firm Value: Empirical Evidence from Indonesia. *The Journal of Asian Finance, Economics and Business*, *8*(3), 423–431. https://doi.org/10.13106/jafeb.2021.vol8.no3.0423

Kasasbeh, F. I. (2021). Impact of financing decisions ratios on firm accounting-based performance: Evidence from Jordan listed companies. *Future Business Journal*, *7*(1), 15. https://doi.org/10.1186/s43093-021-00061-0

Kijkasiwat, P., Hussain, A., & Mumtaz, A. (2022). Corporate Governance, Firm Performance and Financial Leverage across Developed and Emerging Economies. *Risks*, *10*(10), Article 10. https://doi.org/10.3390/risks10100185

Kusumawati, R., Asyilah, N. H., & Bukhori, I. (2022). Corporate Social Responsibility's (CSR) Impact on Financial Performance: Moderating Effects of Earnings Management and Leverage. *Jurnal Manajemen Bisnis*, *13*(2), Article 2. https://doi.org/10.18196/mb.v13i2.12888

Kustiwi, Irda Agustin. 2024. "Accounting Information System (Ais): Integration of Artificial Intelligence and Management in Farm Tourism Kelompok Tani Elok Mekar Sari." DiE: Jurnal Ilmu Ekonomi Dan Manajemen 15(1):123–31. doi: 10.30996/die.v15i1.10634.

Legesse, T. S., Tang, J., Wu, Z., & Guo, H. (2021). Debt financing, corporate investment and the productivity of capital invested: Evidence from biggest manufacturing countries. *Cogent Economics & Finance*, *9*(1). https://doi.org/10.1080/23322039.2021.1936369

Mallinguh, E., Wasike, C., & Zoltan, Z. (2020). The Business Sector, Firm Age, and Performance: The Mediating Role of Foreign Ownership and Financial Leverage. *International Journal of Financial Studies*, *8*(4), Article 4. https://doi.org/10.3390/ijfs8040079

Markonah, M., Salim, A., & Franciska, J. (2020). Effect Of Profitability, Leverage, And Liquidity To The Firm Value. *Dinasti International Journal of*

Economics, Finance & Accounting, *1*(1), 83–94. https://doi.org/10.38035/dijefa.v1i1.225

Mehmood, R., Hunjra, A. I., & Chani, M. I. (2019). The Impact of Corporate Diversification and Financial Structure on Firm Performance: Evidence from South Asian Countries. *Journal of Risk and Financial Management*, *12*(1), Article 1. https://doi.org/10.3390/jrfm12010049

Nadilla, T., Ulfah, A., Hayati, H., Midesia, S., & Puspita, D. (2019, November 26). *The Effect Of Leverage And Earning Per Share On Earning Management (A Study Of Companies Listed In Indonesia Stock Exchange)*. Proceedings of The 2nd International Conference On Advance And Scientific Innovation, ICASI 2019, 18 July, Banda Aceh, Indonesia. https://eudl.eu/doi/10.4108/eai.18-7-2019.2288646

Nazir, A., Azam, M., & Khalid, M. U. (2021). Debt financing and firm performance: Empirical evidence from the Pakistan Stock Exchange. *Asian Journal of Accounting Research*, *6*(3), 324–334. https://doi.org/10.1108/AJAR-03-2019-0019

Poursoleiman, E., Mansourfar, G., & Abidin, S. (2020). Financial leverage, debt maturity, future financing constraints and future investment. *International Journal of Islamic and Middle Eastern Finance and Management*, *13*(4), 613–634. https://doi.org/10.1108/IMEFM-10-2019-0430

Ratnawati,T. Kustiwi, I. A., etc. 2023. Internal Audit of Cupak Village Fund Budgetting Process, Nguskan, Jombang. International Journal Of Social Science Humanity & Management Research, Volume 02 Issue 09 September 2023, Page No. 987-999. DOI: 10.58806/ijsshmr.2023.v2i9n17

Zaitoun, M., & Alqudah, H. (2020). *The Impact of Liquidity and Financial Leverage on Profitability: The*. *1*(4).