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Companies Sizes as a Moderating Variable: Capital Structures Liquidity on Firms values

Irma Ramadani¹, Mardiyani^{2*}

Faculty of Economics and Business, Universitas Swadaya Gunung Jati, Indonesia

*Correspondence: E-mail: mardiyani@ugj.ac.id

ABSTRACT	INFO ARTIKEL
This study examines the effect of capital structure and liquidity on firm value, with firm size as a moderating variable, in property and real estate companies listed on the Indonesia Stock Exchange. A quantitative approach with a causal associative method was employed. Using purposive sampling, 17 companies were selected, yielding 51 observations from 2022–2024. Data were analyzed using Moderating Regression Analysis (MRA) with STATA 17. The results show that capital structure has no significant effect on firm value, whereas liquidity has a significant positive effect. Firm size does not moderate the relationship between capital structure and firm value but weakens the relationship between liquidity and firm value. These findings highlight the importance of effective liquidity management and financial policies aligned with cash flow conditions to enhance firm value and investor confidence.	Article History: <i>Submitted/Received 09 June 2026</i> <i>First Revised 18 June 2026</i> <i>Accepted 03 July 2026</i> <i>First Available online 17 July 2026</i> <i>Publication Date 25 August 2026</i> Keyword: <i>Companies Sizes; Current Ratios</i> <i>Debt to Equity Ratios; Firms values</i>
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1. INTRODUCTION

The property and real estate industry represents a pivotal segment in stimulating Indonesia's economic growth and advancing national infrastructure projects, even though global economic conditions are still fluctuating, Indonesia has managed to record positive growth thanks to domestic economic stability, high investor confidence, and government policies that support the development of the property industry (Martini, 2024). According to official reports from the Central Statistics Agency (BPS), the construction industry achieved an annual growth rate of 7.68%, representing a 10.49% share of the Gross Domestic Product. In contrast, the property and real estate sector experienced a more modest year-on-year expansion of 2.18%, accounting for 2.41% of the total GDP (Handayani & Handayani, 2024). Property investment in Indonesia in 2024 showed significant growth, with a total value of IDR 122.9 trillion, equivalent to 7.2% of the total national investment realizations of IDR 1,714.2 trillion (K. S. Sari et al., 2026).

Predictions indicate that the Indonesian Composite Stock Price Index (IHSG) may face a downturn of approximately 3.4% during the latter half of 2024. If the IHSG corrects by more than 5%, then the IHSG will almost experience a trading close. All indices on the Indonesia Stock Exchange experienced a significant decline, including the property index which fell by 1.83% (Farid & Safitri, 2024). This decline could have an impact on the valuations of property companies and reduce investor appeal. Evidence suggests a consistent downward trajectory within the property and real estate equity market since early 2023. This trend is substantiated by the IDX property and real estate sector index, which has recorded a year-to-date contraction of 4.85% (Aryadita et al. 2024). This decline has led investor or shareholders to give a poor assessment of the company's value in managing its business. Since stock prices reflect the value of a company, if stock prices decline, the company's value is considered poor, and demand for stock purchases will decrease. Company value is an important indicator for investor and shareholders in making investment decisions, because companies with high values are usually more attractive to investor and shareholders (Aryadita et al., 2024). As stated by (Ade Onny Siagian et al., 2023), the primary objective of an enterprise is to maximize shareholder wealth by elevating the company's valuation. This market value can be evaluated through several financial indicators, with the Price to Book Value (PBV) ratio serving as a key metric for such assessments. A high stock price reflects an increase in the value of the company and boosts market confidence in its current financial performance and future prospect (Safaruddin, 2023). Companies with good prospects are those whose value tends to increase (Hermuningsih, 2019). Therefore, understanding the factors that influence company value is important for restoring investment appeal in this sector.

Capital structure is defined as the proportional relationship between debt and equity employed by a firm to fund its operational requirements (Mardiyani et al., 2025). A balanced capital structure can increase the value of a company by lowering its average cost of capital. The high debt to equity ratio reflects the dominance of debt in the company's funding structures which could potentially reduce investor interest (Alghifari et al., 2022). Conversely, an optimal capital structure reflects a company's ability to manage financial risk and sends a positive signal to the market. Thus, financing decisions become an important factor that determines the market's perceptions of the company's value. Liquidity reflects a company's ability to meet its short-term obligations using its current assets (Ade Onny Siagian et al., 2023). A high liquidity position serves as an indicator of an organization's capability to preserve liquid asset stability and circumvent potential default risks. According to (L. P. Sari & Syahzuni, 2024), a high level of liquidity increases creditors' and investor's confidence in the

company's financial conditions. Excessively high liquidity can be considered inefficient because it indicates the existence of idle funds that are not productive (Ayem & Tamu Ina, 2023). Therefore, a balance of liquidity is necessary for the company to remain efficient without sacrificing its financial stability. Company size reflects the breadth of an organization's operations, typically quantified by its total asset holdings (Dewi Kusuma Wardani et al., 2021). As noted by Irman et al. (2022), enterprises with substantial assets generally possess a greater capacity to attract investment, as they are perceived to maintain structural stability and offer favorable long-term prospects. Large companies usually have broader access to funding and lower investment risks compared to small companies (Yulianti & Ramadhan, 2022). Company sizes also has the potential to moderate the influence of capital structures and liquidity on company's values (Rachmadevi et al., 2023). This is because company sizes can strengthen investor appeal by increasing confidence in the company's ability to manage funds.

Prior literature has demonstrated inconsistent findings regarding the capacity of firm size to moderate the interplay between capital structure, liquidity, and corporate valuation. Investigations by Alghifari et al. (2022), Almomani et al. (2022), Hirdinis (2019), and Irman et al. (2022) indicate that organizational scale does not significantly influence the impact of capital structure on firm value. These results, however, stand in contrast to the findings of Fahri et al. (2022) and Rachmadevi et al. (2023), who contend that company size serves as a decisive factor in modulating the relationship between capital structure and overall market value. This happens due to the fact that a rise in company sizes does not considerably change how the market evaluates the risks and advantages associated with capital structures. According to Manik (2024), company sizes cannot moderate the relationship between capital structures and company's values. The result of research by Atun (2019) indicate that company sizes can moderate the relationship between liquidity and company sizes, while Ayem & Tamu Ina (2023) indicate that company sizes cannot moderate liquidity with company sizes. This conditions occurs because high liquidity levels are considered inefficient, especially for small companies that bear greater opportunity costs when funds are not optimally utilized. The disparities in these outcomes highlight the lack of consensus within existing literature concerning the impact of capital structure on corporate valuation when company size is utilized as a moderating factor. Therefore, this inconsistency is important to study in greater depth in order to uncover the factors causing the differences in research result.

This investigation analyzes the influence of capital structure and liquidity on firm value, utilizing company size as a moderating variable within the property and real estate sub-sector for the 2022–2024 period. This specific industry is characterized by substantial capital intensity, a high degree of sensitivity to interest rate volatility, extended operational cycles, and a significant reliance on external funding sources, including both debt and equity. Previous studies have shown inconsistent result regarding the role of company sizes as a moderating variable (Alghifari et al., 2022). Therefore, this study aims to provide new empirical contributionss to understanding the mechanism of the influence of capital structures and liquidity on company's values. This characteristic makes capital structures and liquidity management importantss aspects in influencing investor perceptionss of company's values.

Prolonged stock price fluctuationss put pressure on the property and real estate sector, leading to uncertainty in company valuationss and declining investor confidence. The decline in company performance triggered a weakening of stock prices and reduced investor interest

in investing (Farid & Safitri, 2024). This conditions directly lowers the valuations of the property and real estate sector, reduces investor interest, and threatens market stability. Given that corporate value serves as the primary benchmark for investment appraisal, this study is essential for elucidating management strategies related to capital structure, liquidity, and firm scale. The objective is to refine these financial dimensions to bolster market confidence and sustain organizational worth amidst the volatile economic fluctuations currently impacting the property and real estate industry.

The primary objective of this investigation is to analyze the direct influence of capital structure and liquidity on corporate valuation, while simultaneously examining company size as a moderating factor within the property and real estate sub-sector for the 2022–2024 period. Additionally, the study assesses how the interaction between these variables can effectively stimulate investor interest and preserve the stability of firm value.

Signaling Theory

Originally introduced by Permana et al (2025), signaling theory elucidates how financial decisions serve as critical mechanisms for transmitting internal information regarding a firm's future prospects and current health to external investors. The signals conveyed can be in the form of informations about ownership or interest in the company, so that through financial reports, the company can show conditionss that are superior to other companys (Zamzany et al., 2018). In this informations, which is used to convey both positive and negative informations, these signals will affect market conditionss. If the companys financial performance improves, this can be considered a positives signal indicating that the company is in goods conditions. Conversely, if financial performance declines, it reflects a negative signal indicating poor company conditionss (Muzharoatiningsih & Hartono, 2022).

The Effects of Capital Structures on Companys values

Capital structure is defined as the proportional relationship between debt and equity employed by an organization to fund its ongoing operational requirements Rambe & Imsar (2025). A high capital structures indicates goods prospect for the company, which can trigger investor to increase demand for shares, which can increase the values a the company, because large capital can protect the company from losses in its operatiosnsal activities (Ayem & Tamu Ina, 2023). Based on signaling theory, if a company can utilize internal capital to support its operatiosnss, this is considered a positives signal for investor. A capital structures is considered goods if internal capital is greater than debt because it indicates high companys values with low debt burden (Robin & Bertuah, 2021). Researchers Khodijah et al (2024) found that capital structures significantly affects companys values. Therefore, the following hypothesis can be proposed in this study:

H1: Capital structures has a significant effect on companys values

The Effects of Liquidity on Companys values

Liquidity is characterized as a set of financial indicators utilized to evaluate an organization's proficiency in meeting its immediate fiscal obligations or upcoming debts completely (Mardiyani & Maiyaliza, 2021). These metrics indicate a firm's competency in timely debt repayment, which ultimately lowers the chances of default for lenders.(Ndruru Martonius et al., 2020). The higher a companys liquidity, A heightened level of investor interest in capital allocation serves as a catalyst that, in turn, facilitates the appreciation of a firm's market valuation. This increased investment demand reflects positive market sentiment, ultimately

driving the company's overall worth upward. Conversely, if liquidity declines, investor tend to lose interest in investing because they perceive the companys financial conditions to be unstable (Arisudhana & Priyanto, 2023). Companys with high liquidity levels tend to experience better growth, thereby creating a positive image and eliciting a positive response from the market. Consistent with the findings documented by Ningsih et al. (2021) and Astuti & Yadnya (2019), empirical evidence suggests that liquidity exerts a significant influence on corporate valuation. On the basis of these prior investigations, the following hypothesis is formulated for the present study:

H2: Liquidity has a significant effect on company values

Company sizes moderates capital structures on company values

Capital structures is the ratios between debt and equity. Small companies usually rely more on internal capital, while large companies tend to use external funding because they have broader access. Larger companies are considered to have better managerial capabilities than smaller companies because they are able to organize and manage their capital structures more effectively (Fahri et al., 2022a). This phenomenon is consistent with signaling theory, which posits that an expansive corporate scale serves as a robust positive indicator to prospective investors. This leads to higher stock prices and increases the values of the company. According to research by Hamdani (2020) company sizes can moderate capital structures in relations to company values. This is because large companies find it easier to obtain debt financing to support their business development, thereby increasing potential returns and investor interest. Consequently, based on the aforementioned theoretical framework and empirical evidence, the following hypothesis is formulated for investigation in this study:

H3: Company sizes can moderate capital structures on company values

Company sizes moderates liquidity on company values

Organizational scale is reflected in company size, which is primarily evaluated through total asset valuation. A more substantial corporate size signifies an enhanced proficiency in liquidity management during the investment decision-making process. As elucidated by Norhaliza & Purbowati (2025), liquidity serves as a metric for an entity's capacity to settle its financial obligations upon maturity by effectively leveraging its liquid assets. Companies with large assets tend to use internal funds as a source of financing, thereby reducing their dependence on debt (Hartini et al., 2023). Companies that are able to meet their obligations on time demonstrate that their current assets are larger than their current liabilities. According to research by Atun (2019) firm sizes can moderate the relationship between liquidity and firms values. This is because larger firms tend to manage their operations and funds optimally, thereby reducing uncertainty and increasing shareholder welfare. Therefore, the following hypothesis can be proposed in this study:

H4: Company sizes can moderate liquidity on firms values

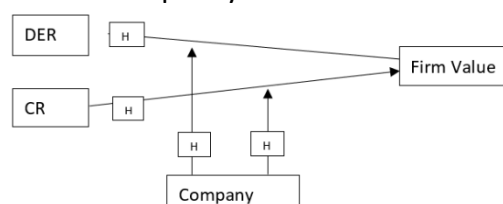


Figure 1. Conceptual Framework

2. METHODOLOGY

This study uses a quantitative approach that aims to measure and analyze social phenomena through numerical data processed using statistical techniques (Susanto et al., 2024). The data analyzed in this study consists of secondary information obtained from the official Indonesia Stock Exchange website (www.idx.co.id) as well as the corporate portals of the respective companies. This research adopts a causal associative methodology, which seeks to investigate the causal connections among two or more variables by analyzing the impacts of capital structures and liquidity on the valuation of companies, with company sizes acting as a moderating factor (Aini & Rismanty, 2026).

Table 1: Operational Variables and Measurement

No	Variable	Indicator	Source
a.	Firms values	$PBV = \frac{\text{Market Price per Share}}{\text{Book Value per Share}}$	(Santi, 2024)
b.	Capital Structures	$DER = \frac{\text{Total Debt}}{\text{Total Equity}}$	(Febriani et al., 2025)
c.	Liquidity	$CR = \frac{\text{Total Current Assets}}{\text{Total Current Debt}}$	(C. K. Saputri & Giovanni, 2021)
d.	Company Sizes	$\text{Firm Sizes} = \ln(\text{Total Assets})$	(Umairah et al., 2025)

Source : Data processed by the author (2026)

According to (Subhaktiyasa, 2024), A population is a generalizations area that includes objects or subjects with a certain number and characteristics that are determined for the purpose of drawing conclusions. The population for this investigation comprises 93 property and real estate enterprises listed on the Indonesia Stock Exchange as of 2024. This study employs a purposive sampling technique, utilizing specific criteria to ensure data relevance: (1) companies must maintain active registration on the Indonesia Stock Exchange, and (2) firms must have experienced a sustained depreciation in stock prices throughout the observation period. Thus, in a 3-year observations period with a sample sizes of 17 companies, the sample calculations result in 51 observations data.

The analytical method employed was Moderated Regression Analysis utilizing Stata software version 17. Moderated Regression Analysis aimed to preserve the integrity of the sample and establish a foundation for managing the effects of moderator variables (Kuncoro & Atiningsih, 2025). To analyze panel data, an initial selection test for panel data regression models was performed using the Chow tests, Lagrange Multiplier Test, and Hausman tests (Pudjihardjo et al., 2020). The estimations models use in this study was the Random Effects Models. Therefore, it was not necessary to conduct a classical assumptions test. This study only needs to perform a multicollinearity test, which is used when linear regression uses more than one independents variable (Septianingsih, 2022). The Random Effects Models in Stata is estimated using the Generalized Least Square method. This method explicitly accounts for the heterogeneity present in the independents variables, thereby producing estimators that meet the criteria for Best Linear Unbiased Estimators (Junita et al., 2025). The Moderated Regression Analysis (MRA) framework utilized in this investigation is specified as follows:

$$Y = \alpha + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_1 Z + \beta_4 X_2 Z + \varepsilon$$

Where:

Y: Firms values

α : Constant

- β_1, β_2 : Regression coefficients
- X1: Debt to Equity Ratios (DER)
- X2: Liquidity (CR)
- Z: Company Sizes
- X_1Z : Interactions between DER and company sizes
- X_2Z : Interactions between CR and company sizes
- ϵ : Standard Error

3. RESULT AND DISCUSSION

This study relies exclusively on verified financial disclosures from property and real estate entities listed on the Indonesia Stock Exchange to evaluate the core research variables. The longitudinal data covers a three-year observation period from 2022 to 2024, utilizing key metrics such as the Debt-to-Equity Ratio (DER), Current Ratio (CR), and Price-to-Book Value (PBV). Through the application of purposive sampling, a final sample of 17 firms was identified, yielding 51 distinct observations for statistical analysis. The participating firms, identified by their respective ticker codes, are as follows: AMAN, ATAP, BAPA, BCIP, BIPP, BSBK, DADA, GPRA, IPAC, MDLN, MKPI, NASA, NIRO, NZIA, OMRE, RODA, and URBN.

RESULT

Models Selections Test

This study evaluates three potential data panel models: the Common Effect Model (CEM), the Fixed Effect Model (FEM), and the Random Effect Model (REM). To determine the most appropriate estimation method, a systematic model selection procedure is conducted, comprising the Chow test, the Hausman test, and the Lagrange Multiplier test. The empirical results of these diagnostic evaluations are presented below:

Table 2. Models Selections Test Result

Models Test	Requirements	Selected Models
Chow tests	Prob < 0.05 FEM	Prob > F = 0.0047, Fixed Effects Models
Hausman tests	Prob > 0.05 REM	Prob > chi2 = 0.2533, Random Effects Models
Lagrange Multiplier Test	Prob < 0.005 REM	Prob > chi-square = 0.0096, Random Effects Models

Source : Data processed by the author (STATA) 2026

Based on the Chow test, the observed probability of 0.0047 ($p < 0.05$) necessitates the rejection of the null hypothesis, thereby favoring the Fixed Effect Model. However, subsequent analysis using the Hausman test reveals a Prob > chi2 of 0.2533. Because this result is statistically non-significant at the 5% level, the Random Effect Model is ultimately selected as the optimal framework for this research. 05, resulting in the decision to use the Random Effects Models. In the Lagrange Multiplier test, the Prob > chibar2 value recorded was 0. 0096, which is lower than 0. 05, hence confirming the use of the Random Effects Models. Therefore, it cans be stated that the models applied in this research is the Random Effects Models.

The multicollinearity assessment is carried out to identify if there are correlations or collinearity among the independent variables in the regression models. The findings from the multicollinearity assessment are as follows:

Table 3. Multicollinearity Test Result

Models Test	Requirements	Selected Models	Conclusion
Multicollinearity Test	VIF Value < 10	VIF DER = 1.26 CR VIF = 1.25 VIF FIRMSIZES = 1.31	Passed Multicollinearity Test

Source : Data processed by the author (STATA) 2026

According to the findings from the multicollinearity assessment, the VIF scores for the Debt to Equity Ratios were 1.26, for the Current Ratios were 1.25, and for Firm Sizes were 1.31. All VIF scores are <10, Therefore, it can be deduced that the regression models applied in this research shows no signs of multicollinearity, and every independent variable is appropriate for inclusion in the models. According to these findings, the employed regression models fulfill the established criteria.

Hypothesis Testing

Hypothesis testing was conducted to evaluate the influence or relationship between variables in accordance with the research objectives. The following table presents the hypothesis result:

Table 4. Hypothesis test result

Random Effects Models					
Hypothesis	Variable	Coefficient	Z	P>[Z]	Hypothesis Conclusion
	Constant	1.623	3.16	0.003	
1	DER	-7.596	-1.37	0.176	Rejected
2	CR	2.449	2.85	0.007	Accepted
3	DER_FIRMSIZES	0.236	1.29	0.203	Rejected
4	CR_FIRMSIZES	-0.091	-2.77	0.008	Accepted

Source : Data processed by the author (STATA) 2026

Based on the statistical results presented in Table 4, the Moderated Regression Analysis (MRA) equation for this study is formulated as follows:

$$PBV = 1.623 - 7.596 \cdot DER + 2.449 \cdot CR + 0.236 \cdot DER_FIRMSIZES - 0.091 \cdot CR_FIRMSIZES + \varepsilon$$

Based on the regression equations, the capital structures measured by DER has a p-value of 0.176 > 0.05. This confirms that DER has no effect on company values. The negative correlation, reflected by a coefficient of -7.596, suggests that an increase in the Debt-to-Equity Ratio (DER) is associated with a corresponding decrease in firm value by 7.596 units. Liquidity, measured using CR, has a p-value of 0.007 < 0.05, indicating that liquidity affects company values. The coefficient of 2.449 shows that an increase in CR can substantially increase company values by 2.449 points. The interaction between capital structure and company size yields a coefficient of 0.236 with a p-value of 0.203. Since the p-value exceeds the 0.05 significance threshold, company size fails to moderate the impact of the Debt-to-Equity Ratio (DER) on firm value. Consequently, company size is classified as a homologizer moderator, as the positive relationship lacks statistical significance. Conversely, the

interaction between liquidity and company size shows a coefficient of -0.091 with a p-value of 0.008. Given that this is below 0.05, it indicates that company size significantly weakens the relationship between the Current Ratio (CR) and firm value. This is a pure moderator, namely company sizes that interacts with CR and is not significant to company values, thus purely moderating CR.

In the MRA test result, models 1 regression of DER and Firm Sizes on PBV with a p-value of $0.304 > 0.05$ is declared insignificant. In models 2 regression with the interactions of DER*FIRMSIZES, a p-value of $0.203 > 0.05$ is obtained, which is also insignificant. This indicates that Firm Sizes is a homologizer moderator. Meanwhile, the MRA test result for liquidity shows that models 1 for CR*FIRMSIZES on PBV with a p-value of $0.249 > 0.05$ is not significant. However, in regression models 2 with the CR x FIRMSIZES interactions, the p-value of $0.015 > 0.05$ indicates a moderating effect, so that company sizes is categorized as a pure moderator.

DISCUSSION

The Effects of Capital Structures on Firms values

The result of this study indicates that the Debt to Equity Ratios does not have a significant effect on company values, thus rejecting the first hypothesis. This finding indicates that a low DER reflects that companies in the property and real estate sector rely more on their own capital than on debt, resulting in a suboptimal DER. This condition shows that companies have not been able to utilize funding sources optimally; a low DER indicates that companies are not productive in managing capital to generate profits. In addition, in the property sector, there are still assets in the form of unsold inventory, so that the funds owned are not circulating effectively. Consequently, the firm's capacity for profit maximization becomes constrained. Within the framework of market valuation, investors prioritize not only risk mitigation but also the firm's efficiency in leveraging debt to drive profitability and enhance corporate worth. These results align with the study by Aditya & Cindiyasari, (2024), which posits that the Debt-to-Equity Ratio (DER) does not significantly impact firm value. The findings further suggest that entities heavily reliant on debt face potential valuation declines, as the burden of high interest and principal repayments exerts significant downward pressure on net earnings. However, these results contradict the study by Saputri et al (2024) which found positive and significant results from DER on company values, where financing through debt instruments is considered more profitable because it does not transfer ownership rights, allowing management more freedom in implementing long-term strategies to increase company values.

The Effects of Liquidity on Companies values

Results from this investigation reveal that the Current Ratio significantly impacts corporate valuation, leading to the acceptance of the study's second hypothesis. The data underscores the importance of liquidity as a primary indicator scrutinized by investors to gauge institutional stability. This is particularly relevant for the property and real estate industry, where firms face unstable cash flow cycles and hold asset portfolios heavily weighted toward property inventory. Such a structure implies that capital is often locked in non-liquid forms, presenting unique challenges for immediate cash realization. Under these conditions, sufficient working capital becomes an important factor in financing operational activities, completing ongoing projects, and fulfilling obligations to creditors. A relatively high Current Ratio reflects that the company has adequate capacity to meet its short-term obligations. Firms maintaining a high

Current Ratio are generally perceived as more resilient and fiscally stable by the investment community. This favorable liquidity position transmits a positive signal to the market, thereby bolstering investor confidence in the firm's intrinsic value. These findings are consistent with the study by Abdillah & Ali (2024), which demonstrates that companies with robust Current Ratios possess the necessary capacity to fulfill their short-term obligations punctually. Meanwhile, a different perspective is presented by Wardani & Tjahjono (2025) who state that a high Current Ratios can enhance investor confidence, as the company is perceived as better prepared to handle economic uncertainties and more capable of fulfilling its financial obligations.

The Effects of Capital Structures on Firms values Moderated by Firm Sizes

The result of this study indicates that company sizes cannot moderate the effects of DER on company values, thus rejecting the third hypothesis. This finding indicates that company sizes cannot consistently moderate the relationship between DER and company values. This condition occurs because financing is dominated by equity, as reflected in the relatively low DER value. This shows that companies predominantly use their own capital compared to other sources of financing. In the property and real estate sector, large company sizes are not accompanied by optimal asset utilizations. Although companies have large total assets, some assets are not yet being used productively, such as unsold property inventory, idle cash due to slow sales, and receivables with low turnover rates. This situation means that large assets are unable to generate optimal cash flow and profits, so that the large scale of the company is unable to make significant contributions to increasing the company's value in the eyes of investors. As a result, the company has an obligation to provide return to shareholders in the form of dividends when it makes a profit, which is sustainable as long as the company continues to operate and generate profits. Although the company's financial risk appears low, high dependence on equity does not always reflect an optimal funding structure, especially if the available capital cannot be used productively to generate profits. This indicates that the sizes of the companies in this study do not strengthen or even weaken the impact of DER on company values. This finding aligns with the research by Putri et al. (2025), which suggests that when a capital structure is dominated by equity (low DER), debt ceases to be a primary determinant of corporate valuation; consequently, company size fails to moderate the impact of DER on firm value. Conversely, these results contrast with the study by Fahri et al. (2022), which posits that company size can indeed moderate this relationship. Their study argues that larger firms exercise greater caution in debt utilization due to substantial bankruptcy costs, while simultaneously benefiting from broader access to diverse funding sources.

The Effects of Liquidity on Firms values Moderated by Firm Sizes

The findings of this study demonstrate that company size significantly moderates the relationship between the Current Ratio and firm value, specifically in a weakening direction. This finding indicates that a high Current Ratio does not reflect productive financial conditions. Therefore, current assets do not indicate good performance if they are not accompanied by adequate sales. Current assets generally consist of property inventory that is ready for sale, such as completed houses, apartments, or shop houses. In contrast, fixed assets consist mostly of projects that are still under construction and cannot yet be marketed. This difference in characteristics means that funds invested in current assets often do not circulate effectively because the inventory is difficult to absorb by the market. This condition shows that a high Current Ratio cannot increase the value of a company if the property inventory is not sold immediately. Property companies with large current assets have high obligations to finance their projects. When company profits are inconsistent, the company's ability to

provide returns to shareholders becomes limited. Therefore, investor tend to consider the effectiveness of asset utilizations and profit consistency rather than just looking at the company's Current Ratios. This finding aligns with the research by Ishak & Selamat (2025), which posits that a high Current Ratio in large-scale enterprises may signal the presence of unproductive idle funds, a condition typically viewed as an operational inefficiency by investors. Conversely, the study by Herlambang et al. (2024) concludes that an increasing Current Ratio corresponds with rising firm value, as it serves as a positive signal to the market regarding the entity's overall financial stability and health.

4. CONCLUSION

Based on the result of testing the hypotheses for companies in the property and real estate sub-sector for the observations period 2022-2024, it can be concluded that capital structures does not have a significant effect on company's values, so the first hypothesis is rejected. Conversely, liquidity has a significant effect on company's values, so the second hypothesis is accepted. However, company sizes is not able to moderate capital structures on company's values, so the third hypothesis is rejected. On the other hand, company size significantly moderates the impact of liquidity on firm value in a weakening direction, leading to the acceptance of the fourth hypothesis.

In line with these findings, property and real estate companies that are the subject of this study are advised to increase their company's values by optimizing their liquidity level, as this variable has been proven to have a significant impact on company's values. This can be achieved by accelerating accounts receivable collections, controlling project inventory to prevent accumulations, and increasing the proportions of cash to maintain smooth operations. In addition, dividend distributions need to be adjusted to actual cash flow conditions so that available funds can be optimally utilized to support an increase in company's values and enhance investor confidence. The limitations of this study include a relatively small sample size, comprising only 17 companies over a three-year observation period. Furthermore, the scope of the research is restricted to capital structure, liquidity, and company size as a moderating variable. Consequently, future research should consider expanding the sample size and extending the longitudinal period. It is also recommended to incorporate additional variables such as dividend policy and Good Corporate Governance (GCG). Given that property and real estate firms often rely heavily on equity, dividend distribution decisions serve as critical signals for investors in evaluating a firm's performance and long-term prospects.

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