Improving Corporate Values Through The Size of Companies and Capital Structures

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Abstract- The purpose of this study was to find evidence of whether the company's size and capital structure had an impact on the value of the company in food and beverage companies listed on the Indonesian Stock Exchange in the 2011-2015 period by taking samples of seven companies from 14 food and beverage companies listed on the Indonesian Stock Exchange. This research used descriptive and verification through a quantitative approach. The analysis design used was Multiple Linear Regression using secondary data, while hypothesis testing used were the T-Test and F-Test. The findings of this study were fluctuations in company size, capital structure and the value of companies experiencing fluctuations each year. Statistical analysis proves that firm size and capital structure had a significant effect on firm value simultaneously. While partial analysis shows that the size of the company had a significant effect on firm value, and capital structure had a significant effect on the value of the company.

Keyword- Company Size, Capital Structure, Company Value

I INTRODUCTION

The main issue of this research is about the size of the company, the capital structure, and the value of the company. The main objective of the company is to increase the value of the company. The value of the company is used as a success measurement of the company's management in the prospects of future operations so that it can realize the trust for the shareholders of the company, because if the welfare of the shareholders is able to be fulfilled, then surely the situation reflects the high value of the company as well. Firm size is the differentiating factor to all other capital structure ratios. Capital Structure as: “a combination of equity and debt”[1]. Capital Structure has been one of the most controversial issues in the theory of finance during past 40 years [2]. Furthermore, capital structure is in proportion to the number of short term debt that is permanent, long term debt, preference shares and ordinary shares [3].

There are many factors that influence the value of the company, some of which are company size and capital structure. Research conducted shows that the capital structure partially has a significant positive effect on firm value in companies listed on the LQ 45 index [4]. The results of the analysis showed that the capital structure and firm size simultaneously had a positive and significant effect on firm value. While partially, the capital structure has a positive and significant effect on firm value and firm size has a positive and significant effect on firm value [5].

Capital structure has a positive influence on firm value. This shows that determining the company's capital structure is important, because it can optimize the value of the company. While variable company size does not have a significant positive effect on firm value. This shows that the size of the company influences investors’ judgment in making investment decisions [6]. Research conducted that leverage has a significant influence on firm value. This is used for hotel owners in seeing their debts and fulfilling various goals in improving company quality and corporate debt by making better financial decisions [7]. Size influences the value of the company, while the capital structure measured by DER does not have a significant influence on the value of the company, still higher than the debt owned by the company [8].

II METHOD

The research method used in this research was descriptive verification method with a quantitative approach. Quantitative method was used to test the effect of capital structure and company size on increasing the value of the company. The sample in this study was the report on the Size of Company Development (Capital), Structure of Capital (DER), and Company Value (PBV) at 7 food and beverage companies company. The design of quantitative analysis were the Multiple Regression Analysis, Correlation Coefficient Analysis, Determination Coefficient Analysis and Hypotheses Testing. Partial hypothesis testing used the T-test and hypothesis testing simultaneously through the F-test. Operationalization of variables can be seen in below:

Exogeneous Variables (Independent variables):

X1 (Company Size): Describes the size of the company. The size of the business was viewed from the business field that was being operated. The size of the company can be determined based on total sales, total assets, average sales level.

Size = Ln of total assets

X2 (Capital Structure): Balance between foreign capital or debt with own capital.
\[ DER = \frac{\text{Total Debt}}{\text{Equity}} \times 100\% \]

Endogeneous Variable (dependent variable)

\[ Y \text{ (Firm Value)} : \text{The price that the prospective buyer is willing to pay if the company is sold, the higher the value of the company, the greater the prosperity that the owner of the company will receive.} \]

\[ \text{PBV} = \frac{\text{Market Price Per Share}}{\text{Book Value Per Share}} \times 100\% \]

Research Hypothesis

\[ H_1 \ : \text{The size of the company affected the value of the company} \]

\[ H_2 \ : \text{Capital structure affected the value of the company} \]

\[ H_3 \ : \text{Firm size and capital structure affected the value of the company} \]

III RESULTS AND DISCUSSION

To prove that the effect of firm size and capital structure on firm value is carried out a series of tests by looking at the coefficient of variation (R^2) and F test. The empirical model of the estimation of firm size model, capital structure and firm value in food and beverage companies listed on the Indonesian Stock Exchange can be seen in the table 2 as follows.

Results of testing company size

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<tr>
<th>Indepen</th>
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<td>C</td>
<td>(-)</td>
<td>-574,208</td>
<td>-2,754</td>
<td>0.010</td>
<td>Ho sign is rejected on ( \alpha = 0.05 )</td>
</tr>
<tr>
<td>\text{Company Size}</td>
<td>(+)((-)</td>
<td>27,035</td>
<td>3,458</td>
<td>0.002</td>
<td>Ho sign is rejected on ( \alpha = 0.05 )</td>
</tr>
<tr>
<td>\text{Capital Structure}</td>
<td>(+)((-)</td>
<td>2,071</td>
<td>3,345</td>
<td>0.002</td>
<td>Ho sign is rejected on ( \alpha = 0.05 )</td>
</tr>
<tr>
<td>\text{F-stat Adjusted } R^2</td>
<td>(+)</td>
<td>19,336</td>
<td>0.547</td>
<td>0.000</td>
<td>Ho sign is rejected on ( \alpha = 0.05 )</td>
</tr>
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Based on the equation model in Table 1.2, the value of adjusted \( R^2 \) is 0.547 which means that 54.7 percent of the changes that occur in the dependent variable (firm value) can be explained by exogenous variables namely firm size and capital structure. With the F-stat result of 19.336 probability value of 0.0000, it can be concluded that the exogenous variables contained in the model can describe linear relationships with endogenous variables or in other words, firm size and capital structure simultaneously have a significant effect on firm value.

From the results of these calculations it can be seen that the value of the Company Size is 3.458 with a significant value of 0.002. Because the value of t count, 3.458, is greater than t table 2.037 then the error rate of 5% is decided to reject \( H_0 \) so that \( H_1 \) is accepted. This means that with a 95% confidence level it can be concluded that the Company Size has a significant partial effect on the value of the company in food and beverage companies.

From the results of partial hypothesis testing (t test) above, the results of these tests support the opinions of the previous research journals entitled "Capital structure, company size and company risk to the value of automotive companies listed in IDX (Indonesian Stock Exchange) ", Company size is seen from the total assets owned by the company that can be used for the company's operations. If the company has large total assets, the management is more free to use the assets in the company. If viewed from the management side, the ease with which it controls the company will increase the value of the company [9].

"From testing the hypothesis it can be seen that the value of t count of Capital Structure variable is 3.345 with a significant value of 0.002. Because the value of t count is greater than t table 2.037 then the error rate of 5% is decided to reject \( H_0 \) which means company value in food and beverage companies From the results of partial hypothesis testing (t test) above, the test results support the opinions of previous research conducted by Karina and Titik (2016) entitled "The effect of size, growth, profitability, capital structure, policy dividends on company value ".Optimal capital structure can be interpreted as a capital structure that can minimize the cost of using overall capital so as to maximize the value of the company [10].

Based on simultaneous testing results, it is known that the F count value (19.336) > F table (3.295), so that \( H_0 \) is rejected, meaning that F count is greater than F table, which means company Size and capitalsStructure have a significant effect on company value in food and beverage companies [11]. The test results are the same as the results of previous studies entitled "The effect of firm size, institutional ownership, managerial ownership, profitability, capital structure on the value of manufacturing companies listed in LQ 45 for the period 2012-2014" , mentions that company size and capital structure have a significant effect simultaneously on Company Value [12].

IV CONCLUSION

Company size affects the value of the company. The results of this study supports previous researches. Companies that are getting bigger can guarantee higher company value, because large companies will dare to expand, before their obligations are repaid. The capital structure also affects the value of the company and supports previous researches. The company will use funds from the inside to finance its operational activities. Thus, the risk of bankruptcy will be low, so investors will be attracted to companies that have a low risk of bankruptcy. This makes investors interested in buying shares in the company so that the stock price is high and increases the value of the company. Simultaneously, firm size and capital structure both affect the value of the company.

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