# SINTA-3

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# THE INFLUENCE OF COMPANY DEBT AND PROFITABILITY ON COMPANY VALUE WITH PRODUCT QUALITIY AS A MODERATING VARIABLE

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#### Abstract

Good company values are the aspiration of a company to have a good image and be able to help the country, employees and local residents. Because the company values are good, everyone will experience prosperity. There are a number of factors that can influence a company, including a measurable debt policy and adequate profits so that they can help the company in difficulties and fund the company's large projects. Therefor this research aims to analyze the influence of Company Debt and Profitability on Company Value. Different from previous studies, this research adds the Product Quality variable as a moderating variable. This research is a quantitative research with an explantory approach. The data used in this research is secondary data which was distributed through a questionnaire method to the Head of Finance and Employees in the Kuangan field at PT. Sawit Lestari Group Benkgukulu, Pt. Sumber Andalas Kencana, PT. Sawit Sumbermas, and PT. Astra Agra Palm Oil which is spread throughout Indonesia. The data used was a large with Smart PLS 3.0. The results show that the Corporate Debt and Profitability variables have a positive relationship and have a significant influence on the Company Value variable because each variable has a t-table value below the significance level of 0.05. Apart from that, the Product Quality variable can significantly moderate the influence of the Corporate Debt and Profitability variables on Company Value.

Keywords: Company Debt, Profitability, Product Quality, Company Value

### 1. INTRODUCTION

A company is any form of business entity which is a gathering place for labor, capital, natural resources and entrepreneurship with the aim of obtaining maximum profit or profit. By getting maximum profit. So the company can maintain its survival and continue to grow and provide profitable returns for its owners in order to make the company owners prosperous. In today's increasingly competitive era of globalization, companies must increase their competitiveness both in the domestic market and in the international market to achieve the company's goals. so that the company must pay full attention to the company's operational and financial activities by employing experts or professionals to be positioned as managers or commissioners to manage the company. By placing expert and professional management in place, it is hoped that the company's performance will be more guaranteed and can survive and compete in the domestic and international markets (Putra & Gantino, 2021).

Company value can be defined as a reflection of the slue of the assets owned by the company when they are sold. According to (Sartono, 2001) company value is defined as the price that potential investors are willing to pay if a company is to be sold. As cording to Maurice, quoted in (Rustendi, 2008), the value of the company is as follows: "Value of the firm is the price for which the firm can be sold, which equals the present value of future profits". Company value can be influenced by several factors, especially factors that are closely related to company finances. There are two factors that are closely related to finance, namely the debt factor and the company's financial performance factors. Company value is a reflection of the public's assessment of the company, which reflects the share price which is formed from supply and also from capital market demand. In general, management to achieve optimal company value is left to professionals because company value directly affects the welfare of shareholders if the share price in the entity can increase to the maximum (Anggraini 11020). The efficiency of an entity can be calculated by shares. If share prices reflect all information about the company in the past, present and future, then an increase in share prices (company value) can be considered an indication of an efficient company (Gumanti, 2011).

Debt policy can be linked to company value. Debt policy is a company policy regarding how far a company uses debt funding. Debt is an important instrument for companies in meeting company needs. Some of the company's funds are funded by debt. The use of debt for a company has a sensitive influence on the level of company value. With debt, the higher the proportion of debt, the higher the company's share price, which means the higher the company value. However, debt that is too high can also reduce company value ratiwi, 2017). If the level of debt exceeds the proportion of debt set by the company, then the value of the company will decrease, because the benefits obtained from using debt are relatively small compared to the costs it incurs.

There are a number of studies that show debt has a positive relationship and has a significant effect on the Company Value variable, namely (Irwanto et al., 2019); (Togatorop & Susan, 2022); (Chandra & Budhidharma, 2022); (Dede et al., 2019); (Setyani, 2018) & (Putra & Gantino, 2021). Apart from debt policy. This research also uses company profitability which researchers believe can have a positive relationship and a significant influence on company value.

According to (Riny Chandra, 2017), profitability is the company's ability to generate profits from total assets, capital and sales. This will ensure the business continuity of a company so that from the start of a company's establishment, its main goal is to make a profit. The more an entity can earn large profits, the more it sell influence the increase in share prices. Profitability which always increases will be followed by an increase in company value. Profitability measures the level of success or failure of a particular division for a certain period of time (Deriyarso, 2014). The prospects for a good corporate entity can be seen from its profitability which is not low so that positive responses are given by investors and therefore there is an increase in company value (Nadhilah et al., 2022).

The relationship between sales, assets or the amount of assets and personal capital owned and whether or not a type of business is able to make a profit is called profitability (Herninta, 2019). The comparison ratio between the level of net profit after tax through personal capital is called Return on Equity (ROE) (Kasmir, 2016). The results of a good type of business activity are shown through an increase in ROE, which will attract investors' interest in investing their capital. ROE can be calculated through the ratio of net profit after

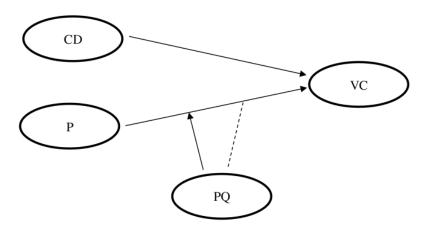
tax to the equity invested by those who own shares in percentage form. The ROE formula is net profit after tax divided by the equity invested by shareholders (Horne, 2008).

There are a number of studies that show profitability variables have a positive relationship and significant influence on company value, namely (Putra & Gantino, 2021); (Nadhilah et al., 2122); (Sahyu & Maharani, 2023); (Harfani & Nurdiansyah, 2021) & (Deriyarso, 2014). Different from previous stoles, this research uses the Product Qualitiy variable which researchers can strengthen the influence of the Debt and Profitability variables on Company Value.

### 2. RESEARCH METHODS

Quantitative research that has a numerical approach has its own suitability for research that uses numbers. Typically, quantitative research coexists with an exploratory approach, namely research that makes similar research into the most important source for discovering new variations. This research uses primary data which is distributed using a questionnaire method containing 28 question items on the variables Debt, Profitability, Company Value and Product Quality. The questionnaire, which contained 28 question items, was distributed by the company's Head of Finance, finance staff, and all employees concerned with finance at 50 companies spread throughout Indonesia. The questionnaire data consists of statements agree, strongly agree, normal/average, disagree, and strongly disagree. The data used in this research is secondary data which was distributed through a questionnaire method to the Head of Finance and Employees in the Kuangan field at PT. Sawit Lestari Group Benkgukulu, Pt. Sumber Andalas Kencana, PT. Sawit Sumbermas, and PT. Arra Agra Palm Oil which is spread throughout Indonesia. The data used in this research was analyzed using smart PLS 3.0 with the following model:

Figure 1 Mode Hypothesis



Noted: CD: Company Debt

P: Profitabilitiy V: Value Company PQ: Product Qualitiy

### Hypothesis:

- 1. The influence of Company Debt on Value Company
- 2. The influence of Profitability on Value Company
- 3. Product Quality can moderates of Company Debt on Value Company
- 4. Product Quality can moderates of Profitability on Value Company

### 3. RESULT AND DISCUSSION

### 3.1.Result

### **Convergent Validity**

Convergent Validity is an instrument that is useful for validating the 28 question items 7 ked in this research which include 8 question items for the Company Debt variable, 8 question items for the Profitability variable, 6 question items for the Product Quality variable, and 6 question items for the Company Value variable (Ghozali, 2016).

Table 1
Convergent Validity

Convergent Validity			
Variable	Question Item	Loading Factor	
	Debt is a solution for	0.899	
	companies when they		
	experience financial		
Company Debt	problems		
(X1)	Debt is not too risky if it	0.842	
	can be managed well		
	Using debt as business	0.831	
	development is a wise		
	action		
	The company's ability to	0.822	
	pay off debt		
	Previous businesses were	0.819	
	successful and made big		
	profits even though they		
	had to go into debt first		
	Even though the company	0.845	
	has high profits, there is no		
	problem with debt if it can		
	develop other projects to		
	get higher profits		
	The company's dependence	0.855	
	on debt, especially in		
	financing large projects		
	Debt is normal and	0.821	
	understandable in a		

	company	
	Company profits are always	0.889
	stable	
	Company profits almost	0.878
Profitability	always increase	
(X2)	The company's minimum	0.856
	profit threshold is still	
	capable of completing all of	
	the company's obligations	
	Company profits can be	0.863
	used to compensate	0.005
	employees who have	
	provided services	
		0.971
	Company profits are used	0.871
	as well as possible	0.077
	Company profits are the	0.877
	breath of the company	
	Company profits must	0.859
	continue to be increased	
	The quality of the	0.910
	COMPANY's CPO is better	
Product Qualityy	than competitors	
(Z)	CPO price goes hand in	0.911
	hand with quality	
	FFA power is better than	0.908
	competitors	
	The processing area is	0.907
	cleaner, resulting in better	0.501
	products	
	Because the product quality	0.915
	is good, more and more	0.913
	buyers come	0.020
	Profits go hand in hand	0.920
	with product quality	0.000
	The company has good	0.888
	local capital	
Value Company	The company has good	0.879
(Y)	foreign capital	
	The income ratio is much	0.876
	greater than expenditure	
	Always successful in	0.905
	completing obligations	
	Be an example for other	0.885
	companies	-1000
	The employees are	0.910
	The employees are	0.710

prosperous	
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Data processed by researcher, 2023

Valid: > 0.70

### Realibility Test

After ensuring that the 27 question items from 4 variables can be validated, the next process is the Reliability Test by knowing the true value of a construct and the lower value of a construct or often known as Composite Reliability and Cronbach Alpha as follows(Sarstedt et al., 2014):

Table 2
Realibility Test

Variable	Composite Realibility	Cronbach Alfa
Company Debt	0.850	<mark>0</mark> .810
Profitabilitiy	0.870	0.830
Product Quality	0.930	<mark>0</mark> .890
Company Value	0.890	0.850

Data processed by researcher, 2023

Reliable > 0.70

### Path Coefisien

After ensuring with certainty that each question item is valid and the variables are reliable. So then we move on to the path coefficient stage which functions to determine the direction of the relationship between the independent variable and the dependent variable, whether positive or negative, to find out whether the independent variable has an effect on the dependent variable or not, and to find out whether the moderating variable can strengthen the influence of the dependent variable on the independent variable.

Table 3
Path Coefisien

	Variable	T-Table	Noted
Direct Influence	CD -) CV	0.017	Acceptable
	P-) CV	0.008	Acceptable
	PQ*-) CD -) CV	0.000	Acceptable
Indirect Influence	PQ*-) P-) CV	0.000	Acceptable

Data processed by researcher, 2023

Level 6 Significance: 0.05

### H1: The influence of Company Debt on Value Company

Corporate debt is a solution for companies to solve financial problems, develop the company, and stabilize the process. In accordance with this statement and the results of the table above, it can be concluded concretely and convincingly that the many Debt variable has a positive relationship direction and has a significant influence on company value. This is in line with research (Irwanto et al., 2019); (Togatorop & Susan, 2022); (Chandra & Budhidharma, 2022); (Dede et al., 2019); (Setyani, 2018) & (Putra & Gantino, 2021). Thus, the first hypothesis in this research can be accepted.



H2: The influence of Profitability on Value Company

Profitability is the heart of a company that must be achieved by a company in order to fulfill its obligations and achieve greater achievements. Based on the results of table 3 of the path coefficients above, it can be concluded that the Profitability variable has a positive relationship and has a significant influence on the variable because the t-table value is positive and its value is below the significance level of 0.008, namely 0.000. This is in line with research (Putra & Gantino, 2021); (Nadhilah et al., 20223 (Sahyu & Maharani, 2023); (Harfani & Nurdiansyah, 2021) & (Deriyarso, 2014).. Thus, it can be concluded that the second hypothesis in this research can be accepted.

### H3: Product Quality can moderates of Company Debt on Value Company

Even though it has good finances and adequate profits, a company must also shave extraordinary product quality so that profits can be increased and finances more stable. Based on the results of table 3 of the path coefficients above, it can be concluded that the Product Quality variable can moderate the influence of Company Debt on Company Value because the direction is positive and is below the 0.05 significance level, namely 0.000. There is even a quite significant shift in the value from direct testing, namely from 0.017 to 0.000. Thus, the third hypothesis in this research can be **accepted.** 

### H4: Product Quality can moderates of Profitability on Value Company

Even though it has good finances and adequate profits, a company must also have extraordinary product quality so that profits can be increased and finances more stable. Based on the results of table 3 of the path coefficients above, it can be concluded that the Product Quality veriable can moderate the influence of Profitability on Company Value because the direction is positive and is below the 0.05 significance level, namely 0.000. There is even a quite significant shift in the value from direct testing, namely from 0.008 to 0.000. Thus the fourth hypothesis in this research can be accepted.

## 4. CONCLUSION

Based on the results of the presentation above, it can be concluded that the Corporate Debt and Profitability variables have a positive relationship and have a significant influence on the Company Value variable because each variable has a t-table value below the significance level of 0.05. Apart from that, the Product Quality variable can significantly moderate the influence of the Corporate Debt and Profitability variables on Company Value. Simply put, measurable and well-managed debt and adequate profits from a company can increase company value. The value of the company will be further increased if measurable debt and adequate profits are accompanied by good product quality.

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There are a number of studies that show profitability variables have a positive relationship and significant influence on company value, namely (Putra & Gantino, 2021); (Nadhilah et al., 2022); (Sahyu & Maharani, 2023); (Harfani & Nurdiansyah, 2021) & (Deriyarso, 2014). Different from previous studies, this research uses the Product Quality variable which researchers can strengthen the influence of the Debt and Profitability variables on Company Value.

### 2. RESEARCH METHODS

Quantitative research that has a numerical approach has its own suitability for research that uses numbers. Typically, quantitative research coexists with an exploratory approach, namely research that makes similar research into the most important source for discovering new variations. This research uses primary data which is distributed using a questionnaire method containing 28 question items on the variables Debt, Profitability, Company Value and Product Quality. The questionnaire, which contained 28 question items, was distributed by the company's Head of Finance, finance staff, and all employees concerned with finance at 50 companies spread throughout Indonesia. The questionnaire data consists of statements agree, strongly agree, normal/average, disagree, and strongly disagree. The data used in this research is secondary data which was distributed through a questionnaire method to the Head of Finance and Employees in the Kuangan field at PT. Sawit Lestari Group Benkgukulu, Pt. Sumber Andalas Kencana, PT. Sawit Sumbermas, and PT. Astra Agra Palm Oil which is spread throughout Indonesia. The data used in this research was analyzed using smart PLS 3.0 with the following model:

CD VC PQ

**Figure 1** Mode Hypothesis

**Noted:** 

CD: Company Debt

P: Profitabilitiy

V: Value Company

PQ: Product Quality

## **Hypothesis:**

- 1. The influence of Company Debt on Value Company
- 2. The influence of Profitability on Value Company
- 3. Product Quality can moderates of Company Debt on Value Company
- 4. Product Quality can moderates of Profitability on Value Company

### 3. RESULT AND DISCUSSION

## 3.1.Result

## **Convergent Validity**

Convergent Validity is an instrument that is useful for validating the 28 question items asked in this research which include 8 question items for the Company Debt variable, 8 question items for the Profitability variable, 6 question items for the Product Quality variable, and 6 question items for the Company Value variable(Ghozali, 2016).

**Table 1**Convergent Validity

Versiehle	Organian Itan		
Variable	Question Item	Loading Factor	
	Debt is a solution for	0.899	
	companies when they		
	experience financial		
Company Debt	problems		
(X1)	Debt is not too risky if it	0.842	
	can be managed well		
	Using debt as business	0.831	
	development is a wise		
	action		
	The company's ability to	0.822	
	pay off debt		
	Previous businesses were	0.819	
	successful and made big		
	profits even though they		
	had to go into debt first		
	Even though the company	0.845	
	has high profits, there is no		
	problem with debt if it can		
	develop other projects to		
	get higher profits		
	The company's dependence	0.855	
	on debt, especially in		
	financing large projects		
	Debt is normal and	0.821	
	understandable in a		
	company		
	I I I		

	Company profits are always	0.889
	stable	0.009
	Company profits almost	0.878
Profitability	always increase	0.878
(X2)	The company's minimum	0.856
$(\mathbf{A}2)$	profit threshold is still	0.830
	capable of completing all of	
	the company's obligations Company profits can be	0.863
	used to compensate	0.803
	employees who have	
	provided services	
	1	0.871
	Company profits are used	0.871
	as well as possible	0.877
	Company profits are the	0.677
	breath of the company	0.950
	Company profits must	0.859
	continue to be increased	0.010
	The quality of the COMPANY's CPO is better	0.910
Product Qualityry		
Product Qualityy	than competitors	0.011
(Z)	CPO price goes hand in	0.911
	hand with quality	0.000
	FFA power is better than	0.908
	competitors	0.907
	The processing area is	0.907
	cleaner, resulting in better products	
	1	0.915
	Because the product quality	0.913
	is good, more and more	
	buyers come Profits go hand in hand	0.020
	l –	0.920
	with product quality	0.888
	The company has good local capital	0.000
Value Company	The company has good	0.879
Value Company (Y)	foreign capital	0.079
(1)	The income ratio is much	0.876
		0.670
	greater than expenditure  Always successful in	0.905
	completing obligations	0.903
	Be an example for other	0.885
	<u> </u>	0.003
	companies The amployees are	0.910
	The employees are	0.910
	prosperous	

Data processed by researcher, 2023

Valid: > 0.70 **Realibility Test** 

After ensuring that the 27 question items from 4 variables can be validated, the next process is the Reliability Test by knowing the true value of a construct and the lower value of a construct or often known as Composite Reliability and Cronbach Alpha as follows(Sarstedt et al., 2014):

**Table 2**Realibility Test

Variable	Composite Realibility	Cronbach Alfa		
Company Debt	0.850	0.810		
Profitabilitiy	0.870	0.830		
Product Quality	0.930	0.890		
Company Value	0.890	0.850		

Data processed by researcher, 2023

Reliable > 0.70

### **Path Coefisien**

After ensuring with certainty that each question item is valid and the 4 variables are reliable. So then we move on to the path coefficient stage which functions to determine the direction of the relationship between the independent variable and the dependent variable, whether positive or negative, to find out whether the independent variable has an effect on the dependent variable or not, and to find out whether the moderating variable can strengthen the influence of the dependent variable on the independent variable.

**Table 3** Path Coefisien

	Variable	T-Table	Noted
Direct Influence	CD -) CV	0.017	Acceptable
	P-) CV	0.008	Acceptable
	PQ*-) CD -) CV	0.000	Acceptable
Indirect Influence	PQ*-) P-) CV	0.000	Acceptable

Data processed by researcher, 2023

Level of Significance: 0.05

### H1: The influence of Company Debt on Value Company

Corporate debt is a solution for companies to solve financial problems, develop the company, and stabilize the process. In accordance with this statement and the results of the table above, it can be concluded concretely and convincingly that the Company Debt variable has a positive relationship direction and has a significant influence on company value. This is in line with research (Irwanto et al., 2019); (Togatorop & Susan, 2022); (Chandra & Budhidharma, 2022); (Dede et al., 2019); (Setyani, 2018) & (Putra & Gantino, 2021). Thus, the first hypothesis in this research can be **accepted**.

## H2: The influence of Profitability on Value Company

Profitability is the heart of a company that must be achieved by a company in order to fulfill its obligations and achieve greater achievements. Based on the results of table 3 of the path coefficients above, it can be concluded that the Profitability variable has a positive relationship and has a significant influence on the variable because the t-table value is positive and its value is below the significance level of 0.008, namely 0.000. This is in line with research (Putra & Gantino, 2021); (Nadhilah et al., 2022); (Sahyu & Maharani, 2023); (Harfani

& Nurdiansyah, 2021) & (Deriyarso, 2014).. Thus, it can be concluded that the second hypothesis in this research can be **accepted**.

## H3: Product Quality can moderates of Company Debt on Value Company

Even though it has good finances and adequate profits, a company must also have extraordinary product quality so that profits can be increased and finances more stable. Based on the results of table 3 of the path coefficients above, it can be concluded that the Product Quality variable can moderate the influence of Company Debt on Company Value because the direction is positive and is below the 0.05 significance level, namely 0.000. There is even a quite significant shift in the value from direct testing, namely from 0.017 to 0.000. Thus, the third hypothesis in this research can be **accepted.** 

### H4: Product Quality can moderates of Profitability on Value Company

Even though it has good finances and adequate profits, a company must also have extraordinary product quality so that profits can be increased and finances more stable. Based on the results of table 3 of the path coefficients above, it can be concluded that the Product Quality variable can moderate the influence of Profitability on Company Value because the direction is positive and is below the 0.05 significance level, namely 0.000. There is even a quite significant shift in the value from direct testing, namely from 0.008 to 0.000. Thus the fourth hypothesis in this research can be accepted.

### 4. CONCLUSION

Based on the results of the presentation above, it can be concluded that the Corporate Debt and Profitability variables have a positive relationship and have a significant influence on the Company Value variable because each variable has a t-table value below the significance level of 0.05. Apart from that, the Product Quality variable can significantly moderate the influence of the Corporate Debt and Profitability variables on Company Value. Simply put, measurable and well-managed debt and adequate profits from a company can increase company value. The value of the company will be further increased if measurable debt and adequate profits are accompanied by good product quality.

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