

**THE EFFECT OF FOREIGN INVESTMENT AND  
INTERNATIONAL PRICES ON EXPORT VOLUME IN THE  
GARMENT SECTOR (CONVECTION) OF INDONESIAN  
TEXTILES WITH EXPORT VAT RESTITUTION POLICY AS A  
DUMMY VARIABLE FOR 2005-2019**

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**Abstract**

*Export is one of the international trades that can increase the country's economy and foreign exchange. This study aims to determine the effect of foreign investment and international prices on the export volume of apparel (convection) from Indonesian textiles with the Export VAT Restitution Policy as a Dummy Variable for 2005-2019. This research is quantitative research. The method used in this study is a simple regression method with the OLS model. The results of the study highlight that the foreign investment variable and international prices had a significant effect on the export volume of Indonesian apparel, but the export VAT restitution policy had no effect on the export volume of Indonesian apparel because other policies were needed to support these policies in order to increase exports.*

**Keywords:** *Apparel export volume, Export VAT Restitution Policy, Foreign Investment, International Prices*

## **1. INTRODUCTION**

Since 1983, Indonesia has been encouraged to strengthen exports. Since then, exports have become a concern in all circles in spurring economic growth, as the industrialization strategy has changed from an emphasis on import substitution industries to export promotion industries (Ajizah, 2018). According to (Gururaj et al., 2016) exports are the engine of the country's economic growth that introduces new technologies, stimulates demand, encourages savings, and accumulates capital. Non-oil and gas commodities are strategic industries and have great potential because they are one of the contributors to the country's foreign exchange (Adolf, 2004; Aryanto et al., 2021; Devanty et al., 2018; Gopinath, 2015). One of the commodities that can increase Indonesia's non-oil exports comes from the industrial sector. In the 2015-2035 development master plan (RIPIN), the government makes the textile industry a mainstay industry that becomes a priority industry (Warni & Setyari, 2019). In the period 1986-1997, the export performance of Indonesia's textile industry continued to increase and made it a strategic industry, thus making the non- oil and gas sector the mainstay of the country's foreign exchange earner. In this period the apparel industry from textiles has become a prima donna export commodity (Ministry of Industry, 2020).

Garment industrial commodities from textiles are one of the textile industry commodities that have an important role in economic activities in Indonesia (Aldehayyat & Alalaya, 2012; AnjaniPutri, 2017). Apart from being a foreign exchange earner, this

industry is also a labor-intensive industry that is able to absorb a lot of workers, including workers with low education. This industry rose, after in 2015 and 2016 experienced negative growth of -4.79% in 2015 and -0.09% in 2016. With the growth of the Textile and Apparel Industry of 15.35%, in 2019 Non-oil and gas processing industry can grow by 4.34. With the growth of 15.35%, in 2019 the contribution of the Textile and Apparel Industry reached 7.2% of the GDP of the Non-oil and Gas Industry, or the fifth largest after the Food and Beverage Industry, Transportation Equipment Industry, Metal Goods Industry, Computers, Electronic Goods, Optics, and Electrical Equipment, as well as the Chemical, Pharmaceutical and Traditional Medicine Industries (Ministry of Industry of Indonesia, 2021).

However, over time this industry has experienced ups and downs of growth, which are not only related to competitiveness issues, but also to various regulations that must be faced, both domestically and abroad (Crespo & Fontoura, 2007; Djuanda, 2011; Haris Budi Prasetyo, 2022; van Scheers, 2016). The export volume of Textiles for Clothing (Convection) from Textiles in Indonesia in 2005-2019 fluctuated quite significantly every year. In 2012 there was a decline in the export volume of apparel (convection) from textiles, which was quite high at 84.6 thousand tons from 2011. The decline in export volume had many obstacles and obstacles in increasing competitiveness (Hamid & Aslam, 2017; Harahap et al., 2020). There are several triggers for the problem of the low competitiveness of the apparel textile industry in Indonesia (Muliasari, 2016), including low technology (Ragimun, 2010), dependence on imported raw materials (Irawan, 2016), low human resources, and limited capital (Ragimun, 2010). These problems resulted in the weakening of export performance which will have an impact on the Indonesian economy, starting from the increase in unemployment, the occurrence of layoffs at companies, the decline in foreign exchange, and others (Aditia, 2014; Hasoloan, 2013; Hidayati & Ermadiani, 2013).

The decrease in the volume of apparel exports was caused by several factors, one of which was foreign investment. According to (Majeed & Ahmad, 2007) most developing countries experience a lack of capital, this is reflected in the respective savings- investment and import-export gaps, which implies that developing countries do not have sufficient savings and/or foreign exchange to finance their needs. investment. To bridge this gap they need foreign capital inflows and export growth (Kim, 2019; Kusumawati, 2021; Lovely & Natha, 2016). Foreign investment is an important source of capital for growth in developing countries. Difficulties arise from foreign companies who are now thinking twice about investing in Indonesia because of the regulation. The main factors influencing their reluctance to invest by following the Domestic Component Level (TKDN) regulations are the high price of component materials and the small market share in Indonesia (Mukhtar et al., 2019)(Mahendra & Kesumajaya, 2015; Malian, 2003).

The next factor that affects the volume of exports apart from foreign investment is the international price of apparel made from textiles, where the price of apparel made from textiles is the average price on the world market or the price of apparel made from international textiles (Nur'ainiyyah et al., 2021; Paulus A & Ellen G, 2016; Purwanto, 2017). Rising prices in the international market will cause Indonesia to offer products to countries to be exported, but it will not be followed by high demand because prices have risen, causing exports of apparel from Indonesian textiles to decline (Agil, 2020; Pratiwi et al., 2016; Ramadhani, 2018). This impact is the result of the interaction between supply and demand for exports in the international market.

One of the factors that made the volume of apparel exports decreased, namely foreign investment and international prices, finally the government made a policy that was made to increase exports, namely the Value Added Export Tax Reimbursement (VAT). In general, the government does not collect export duties to support the domestic industry and specifically for exports, the government will provide incentives in the form of returns (tax refunds) for exported goods (Nasution, 2016). In the VAT Law No. 42 of 2009 and the Minister of Finance Regulation No. 72/PMK.03/2010 concerning Procedures for Refunding Excess PPN/PPnBM, there are 6 (six) types of Taxable Entrepreneurs (PKP) that can apply for a refund (restitution) in each tax period, 3 (three) among them are Taxable Entrepreneurs (PKP) who export. However, in practice and in reality, taxpayers who apply for VAT restitutions experience uncertainty over their requests for restitution. The occurrence of arrears in the request for restitution is due to several things, including the large number of data and documents requested, the limited number of tax auditors compared to the number of jobs, the length of the tax invoice confirmation process, and the result of a fictitious export case in one of the tax service offices.

## **2. LITERATURE REVIEW**

### **2.1. Export**

According to the Law of the Republic of Indonesia Number 7 of 2014 Article 1 Paragraph 14 concerning Trade, Export is defined as “the activity of removing goods from the Customs Area. The customs area in question is the territory of the Republic of Indonesia which includes land, water and air space above it, as well as certain places in the Exclusive Economic Zone and Continental Shelf as stated in Law No. 17 of 2006 concerning Amendments to Law No. 10 of 1995 concerning Customs” (Trade, 2007 (Krier, 2008)).

According to (Amir, 2003) Export is an effort to carry out sales activities of a number of commodities that we have to other countries in accordance with the policies provided by the government in the hope of payment in foreign currency. According to Ulfa & Andriyani (2019), export activities are a trading system by removing goods from within the country and abroad by fulfilling the applicable provisions in which the goods have advantages over other commodities (Sidabutar & Aminoto, 2021; Soviandre et al., 2014; Sudirman, 2016).

Based on the above understanding, it can be concluded that, export is an economic activity by removing commodity goods from within the country and abroad to obtain foreign exchange for the country with applicable regulations.

### **2.2. Foreign Investment**

According to Law No. 25 of 2007 Article 1 paragraph (3) foreign direct investment (FDI) is "investment activities to conduct business in the territory of the Republic of Indonesia carried out by foreign investors, whether using foreign capital fully as well as those in association with domestic investors" (Indonesia, 2007). According to (Krugman & Obstfeld, 2009) foreign direct investment (FDI) is an international flow of capital in which companies from one country establish or expand their companies in other countries in the hope of developing their products for profit (Pribadi, 2021; Wardhana, 2011).

According to (Aryanto et al., 2021) foreign investment is an investment activity to do business in the territory of Indonesia carried out by foreign investors. Foreign Investment is a form of investment by way of building, buying a total or acquiring a company (Nisa & Juliprijanto, 2022). This international flow of capital is expected to increase output and world welfare. Increased investment will trigger an increase in the quantity of production so as to have a positive effect on increasing exports.

Based on the above understanding, it can be concluded that foreign direct investment (FDI) is an activity in investing from one country to another to establish or expand a company with the aim of getting a total profit or joint venture and having a positive impact on increasing exports and welfare world.

### **2.3. International Price**

According to Gopinath (2015) international prices are prices determined by supply and demand conditions in the world market. International prices may also fluctuate due to movements between the US dollar exchange rate and commodity prices driven by conditions in global markets.

According to Fadhlurrohman (2018) international prices are prices that occur in the international market. These international prices can affect the demand for goods and services in the domestic market. If the domestic price is higher than the international price, then exports will automatically decrease, otherwise if the domestic price is lower than the international price, exports will automatically increase (Ulfa & Andriyani, 2019; Yusuf & Rangkyu, 2019).

Based on the above understanding, it can be concluded that international prices are prices that occur in the international market with a certain amount of money charged for products or services from consumers to benefit from a product and service and gain profits.

### **2.4. Export VAT Restitution Policy**

In Article 11 of UU KUP No. 28 of 2007 Restitution is a calculation of the actual amount of tax owed with the amount of tax credit which shows the amount of the difference in excess (the amount of the tax credit is greater than the tax payable), or a tax payment that should not have been paid has been made. Taxpayers have the right to request a refund of the tax overpayment, provided that the taxpayer does not have a tax debt (Laksono, 2017).

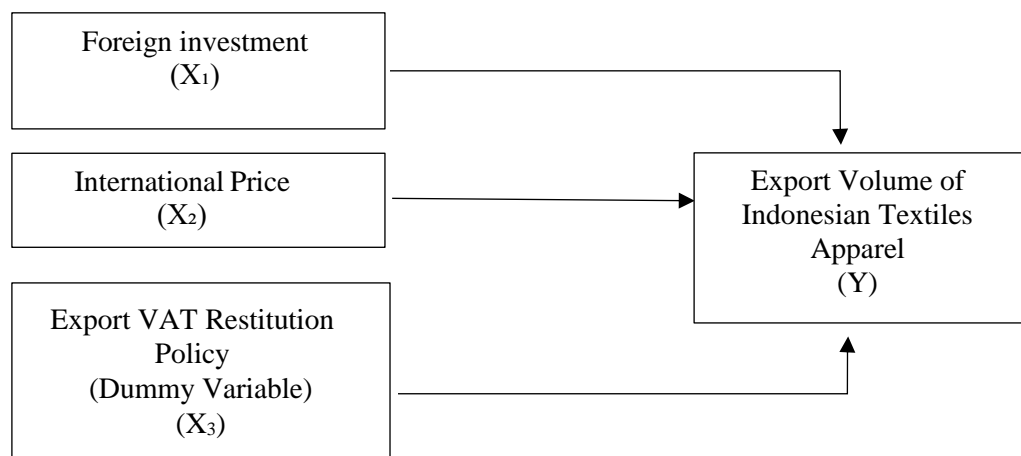
In Government Regulation No. 3 of 2002 article 1 paragraph 5, restitution is compensation given to the victim or his family by the perpetrator or a third party, it can be in the form of returning property, paying compensation for loss or suffering or reimbursement of costs for certain actions (Munawaroh, 2017). According to Agustia (2014) VAT restitution is a procedure for returning tax overpayments caused by the difference between input tax and output tax where the amount of input tax credited is greater than the output tax.

Based on the above understanding, it can be concluded that restitution is a return on tax overpayments caused by the fact that the amount of tax credit is greater than the tax payable provided that the taxpayer does not have a tax debt (Paul & Obsfeld, 1994).

### 3. RESEARCH METHODS

This study uses quantitative methods. The sampling technique is to collect time series data for 14 years, namely 2005 – 2019 which is interpolated quarterly so that there are 54 samples. This study uses time series data with multiple linear analysis models using the Ordinary Least Square (OLS) method. The OLS method was chosen because it is one of the simplest methods with strong and popular regression analysis, with certain assumptions. Several studies explain that in regression research, it can be proven that the OLS method produces an unbiased and best linear estimator (Best linear unbiased estimator) or BLUE. However, there are several requirements for research to be said to be BLUE, these requirements are a linear model, unbiased, having the smallest level of variance can be called an efficient estimator (Agus, 2013). This method is used to minimize the number of squares of errors by estimating a regression line. The OLS method is a type of econometric method with 2 variables, namely the independent variable and the dependent variable.

The relationship between the independent and dependent variables can be illustrated in the following constellation diagram:



Source: Processed by the Author (2022)

**Figure 1. Relationship Between Independent and Dependent Variables**

## 4. RESULTS AND DISCUSSION

### 4.1. Research Result

The data analysis used is simple regression analysis using the SPSS 24 computer program. To get the best estimate, the secondary data must first test the classical assumptions, which consist of normality test, multicollinearity test, heteroscedasticity test, and autocorrelation test. After doing the classical assumption test, making a regression equation whether it is in accordance with BLUE, and finally testing the hypothesis consisting of f-test, t-test, and  $R^2$  test

#### 4.1.1. Classic Assumption Test

This test is carried out to find out whether there are deviations from the classical assumptions. This test includes normality test, multicollinearity test, heteroscedasticity test, and autocorrelation test.

#### 4.1.2. Normality Test

**Table 1. Normality Test Results**  
One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual	
	N	60	
Normal Parameters <sup>a,b</sup>	Mean	,0000000	
	Std. Deviation	21,4762063	
Most Extreme Differences	Absolute	,167	
	Positive	,167	
	Negative	-,126	
Test Statistic		,167	
Asymp. Sig. (2-tailed)		,000 <sup>c</sup>	
Monte Carlo Sig. (2-tailed)	Sig.	,065 <sup>d</sup>	
	99% Confidence Interval	Lower Bound	,058
		Upper Bound	,071
		Bound	

Source: SPSS 24. Output

Based on the table above, the results of the normality test, the significance value of the normality test of the Kolmogorov Smirnov method is 0.065 or greater than 0.050, meaning that the data in this study are normally distributed.

#### 4.1.3. Multicollinearity Test

**Table 2. Multicollinearity Test Results**  
Coefficients<sup>a</sup>

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Tolerance	VIF
	B	Std. error	Beta				
(Constant)	177,047	27,986		6,326	,000		
Foreign Investment_X1	,002	,000	,838	6,482	,000	,608	1,646
International Price_X2	-1,868	,518	-,574	-3,607	,001	,400	2,500
*Export Vat Restitution Policy (Dummy)	,935	9,075	,015	,103	,918	,503	1,988

Source: SPSS 24. Output

Based on the table above, the tolerance value for all independent variables is > 0.10. In addition, the VIF value of all independent variables is also < 10. This means that the variables used in this study do not show any symptoms of multicollinearity, which means that all variables can be used.

#### 4.1.4. Heteroscedasticity Test

**Table 3. Heteroscedasticity Test Results  
Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. error	Beta		
1	(Constant)	6,220	3,057		2,034	,047
	"Foreign Investment_X1	2,00E-5	,000	,112	,678	,501
	"International Price_X2	-,057	,057	-,207	1,012	,316
	"Export Vat Restitution Policy (Dummy)	1,695	,991	,311	1,710	,093

a. Dependent Variable: FI\_RES

Source: SPSS 24. Output

The sig value of the X1 variable is 0.501 The sig value of the X2 variable is 0.316 and the D1 is 0.093 more than 0.05, meaning that the independent variable data in this study is free from heteroscedasticity symptoms and is suitable to be used to test research with multiple linear regression test models.

#### 4.1.5. Autocorrelation Test

**Table 4. Autocorrelation Test Results**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin Watson
1	,657 <sup>a</sup>	,432	,401	22,04396	1,703

a. Predictors: (Constant), "Export Vat Restitution Policy (Dummy), "Foreign Investment (X1), "International Price (X2)

b. Dependent Variable: "Export Volume of Apparel from Indonesian Textiles (Y)

Source: SPSS 24. Output

Based on the output table above, it is known that the Durbin-Watson value is 1.703. Next, we will compare this value with the value of the Durbin-Watson table at a significance of 5%. The Durbin-Watson value of 1.703 is greater than the upper limit (du) which is 1.6889 and less than (4-du)  $(4-1.6889) = 2.3111$  or can be summarized as  $1.6889 < 1.703 < 2.3111$ , meaning that the data is free from autocorrelation symptoms.

#### 4.1.6. Regression Equation Model

The results of the classical assumption testing that have been carried out, can be concluded that the regression model in this study is feasible to use because the regression model is free from data normality problems, does not occur multicollinearity, does not occur autocorrelation, and does not occur heteroscedasticity.

**Table 5. Linear Regression Test Results**

Model	Coefficients <sup>a</sup>					
		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. error	Beta		
1	(Constant)	177,047	27,986		6,326	,000
	"Foreign Investment_X1	,002	,000	,838	6,482	,000
	"International Price_X2	-1,868	,518	-,574	-	,001
	"Export Vat Restitution Policy (Dummy)	,935	9,075	,015	,103	,918

a. Dependent Variable: "Export Volume of Apparel from Indonesian Textiles (Y)

Source: SPSS 24. Output

Based on the linear regression output above, the multiple regression model that used in this study can be formulated as follows:

$$Y = a + bx_1 + bx_2 + bd_1 + e$$

$$Y = 177,047 + 0,002x_1 - 1,868x_2 + 0,935d_1 + e$$

From the regression results above, it can be interpreted as a regression coefficient test as follows:

$\beta_1$  = Foreign Investment

The regression coefficient for the X1 variable is 0.002, meaning that an increase in the X1 variable is 1%, it will cause an increase in the Y variable by 0.002%. The coefficient is positive, which means that the direction of the relationship between the X1 variable and the Y variable is in the same direction, where if the X1 variable increases, the Y variable increases.

$\beta_2$  = International Price

The regression coefficient for the X2 variable is -1.868, meaning that an increase in the X2 variable by 1% will cause a decrease in the Y variable by -1.868%. The coefficient is negative, which means that the direction of the relationship between the X2 variable and the Y variable is not in the same direction, where if the X2 variable increases, the Y variable decreases.

$\beta_3$  = Export VAT restitution Policy (Dummy Variable)

The regression coefficient for the D1 variable is 0.935, meaning that an increase in the D1 variable by 1% will cause an increase in the Y variable by 0.935%. The coefficient is positive, which means that the direction of the relationship between the D1 variable and the Y variable is in the same direction, where if the D1 variable increases, the Y variable increases.



#### 4.1.7. Hypothesis Testing

##### 1) F-statistic Test

**Table 6. F Test Results**

Model	Sum of Squares	df	Mean Square	F	Sig.
Regression	20677,519	3	6892,506	14,184	,000 <sup>b</sup>
Residual	27212,419	56	485,936		
Total	47889,938	59			

a. Predictors: (Constant), "Export Vat Restitution Policy (Dummy),

"Foreign Investment (X1), "International Price (X2)

b. Dependent Variable: "Export Volume of Apparel from Indonesian Textiles (Y)

Source: SPSS 24. Output

$$F\text{-Table} = (n-k) = (54-3) = F\text{-Table } 51 = 2.78$$

Based on the table above, it is known that the calculated F value is greater than the table F value ( $14.184 > 2.78$ ), with a significance value of  $0.000 < 0.05$ . Thus,  $H_0$  is rejected,  $H_a$  is accepted, which means that the variables X1 to D1 if tested together or simultaneously have an effect on the Y variable.

##### 2) T-Statistic Test

**Table 7. T Test Results**

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. error	Beta		
1	(Constant)	177,047	27,986		6,326	,000
	"Foreign Investment_X1	,002	,000	,838	6,482	,000
	"International Price_X2	-1,868	,518	-,574	-	,001
	"Export Vat Restitution Policy (Dummy)	,935	9,075	,015	3,607	,918

a. Dependent Variable: "Export Volume of Apparel from Indonesian Textiles (Y)

Source: SPSS 24. Output

$$t\text{-Table} (n-k-1) = (54-3-1) = t\text{-Table } 50 = 2.00856$$

- a. The significant test of the foreign investment variable on the variable volume of apparel exports in Indonesia

Based on the t test table above, the effect of the X1 variable on the Y variable is  $0.000 < 0.050$  while the t-statistic value is  $6.482 > t$  table (2.00324), where  $H_0$  is rejected and  $H_i$  is accepted, which means that there is an effect of X1 on Variable Y.

- b. The significant test of the international price variable on the variable volume of apparel exports in Indonesia

Based on the t test table above, the effect of the X2 variable on the Y variable is  $0.001 < 0.050$  while the t-statistic value is  $3.607 > t$  table (2.00324), where

Ho is rejected and Hi is accepted, which means that there is an effect of X2 on Variable Y.

- c. The significant test of the dummy variable of the export VAT restitution policy on the variable volume of apparel exports in Indonesia Based on the t-test table above, the effect of the D1 variable on the Y variable is  $0.918 > 0.050$  while the t-statistic value is  $0.103 < t$  table (2.00324), where Ho is accepted and Hi is rejected, which means that there is no effect of the D1 variable on the Y variable.

#### **4.1.8. Coefficient of Determination Test (R<sup>2</sup>)**

**Table 8. Determination Test Results**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,657 <sup>a</sup>	,432	,401	22,04396

a. Predictors: (Constant), "Export Vat Restitution Policy (Dummy), "Foreign Investment (X1), "International Price (X2)

Source: SPSS 24. Output

From the table above, it can be seen that the R Square value is 0.432 or 43.2%. This figure shows the model's ability to explain variations in the volume of apparel export variables, while the remaining 56.8% is influenced by other variables outside of this study.

## **4.2. Discussion**

### **4.2.1. The Effect of Foreign Investment on Indonesia's Apparel Export Volume**

Based on the results of a simple regression estimation, it shows that the variable coefficient of foreign investment has a positive effect on the export volume of apparel from Indonesian textiles in 2005-2019. The foreign investment variable has a coefficient of 0.002 means that there is an increase in the foreign investment variable by 1%, it will cause an increase in the apparel export volume variable by 0.002%.

The estimation results are in accordance with the hypothesis of this study, where the foreign investment variable has a positive and significant effect on the volume of Indonesian apparel exports. This is also in accordance with the theory Neoclassical by Raphael Kaplinsky argues that the relationship between foreign investment or foreign investment and exports will have an impact on a country because it will open up opportunities or opportunities to invest in their country, then the movement of the level of domestic exports will affect foreign investment with the assumption that the people of the country have a tendency to invest in increasing investment income (Ayuningtyas, 2015). Apart from Neoclassical Theory, the Eclectic Theory by John Dunning also suggests that the flow of investment from abroad in the form of FDI will affect national productivity. This is due to the transfer of technology, management and expertise brought by the investor country. This increase in productivity will have an impact on increasing output, both domestically consumed and exported (Safitriani, 2014).

This research is in accordance with research conducted by Nawang wulan Anjani (2017) FDI, especially in Indonesia's manufacturing sector, has a positive and significant impact on Indonesia's apparel exports. Therefore, if this variable increases, the value of apparel exports between Indonesia will also increase. GDP will increase income, if

income increases, the welfare of the country will also increase and international trade will be better. The demand for apparel exports is followed by an increase in consumption in various countries, and the quality of the exporting country's resources are important things to increase trading activities. Likewise, FDI inflows will increase and be smooth to tie up international trade between Indonesia. The results of other studies were also carried out by (Pramana & Meydianawath, 2013) argues that foreign investment has a positive and significant impact on increasing Indonesian exports to the United States, because increased investment in production capacity will cause exports to increase as well.

#### **4.2.2. The Effect of International Prices on Indonesia's Apparel Export Volume**

Based on the results of a simple regression estimation, it shows that the coefficient of the international price variable has a significant negative effect on the export volume of apparel from Indonesian textiles in 2005-2019. The regression coefficient for the X2 variable is -1.868, meaning that an increase in the X2 variable by 1% will cause a decrease in the Y variable by -1.868%. The coefficient is negative, which means that the direction of the relationship between the X2 variable and the Y variable is not in the same direction, where if the X2 variable increases, the Y variable decreases.

The estimation results are in accordance with the hypothesis of this study, where the international price variable has a negative and significant effect on the volume of Indonesian apparel exports. This is also in accordance with the theory Thomas Mun said that if the price of the goods rose it might be good for the company's income, but the price increase could directly harm and reduce the volume of trade, because high prices will reduce consumption and demand (Faruq & Mulyanto, 2017). In addition, in the Theory of Export Demand by Marshall that the export demand for a commodity is the overall relationship between the quantity of the commodity that consumers will buy during a certain period at a given price level. The higher the price level that occurs in trade transactions, the demand for a commodity will decrease (Rahmawati, 2015).

This research is in accordance with research conducted by (Yanti & Sudirman, 2017) export prices have a negative and significant effect on Indonesian apparel exports. If the domestic price is higher than the international price, then exports will automatically decrease, otherwise if the domestic price is lower than the international price, exports will automatically increase. The results of other studies were also carried out by Hendria et al. (2018) who stated that the price of apparel exports had a significant negative effect on apparel exports in Indonesia. This means that if the export price of apparel rises, it will cause the volume of Indonesian apparel exports to decline, this is due to increased demand and low competitiveness.

#### **4.2.3. The Effect of Export VAT Restitution Policy on Apparel Export Volume**

Based on the results of a simple regression estimation, it shows that the regression coefficient of D1 variable is 0.935 it means that there is an increase in the D1 variable by 1% it will cause an increase in the Y variable by 0.935%. The coefficient is positive, which means that the direction of the relationship between the X1 variable and the Y variable is in the same direction, where if the X1 variable increases, the Y variable increases.

The estimation results are not in accordance with the hypothesis of this study, where the export VAT restitution policy variable has a positive and significant effect, but the

regression estimation results of the export VAT restitution policy have a positive but not significant effect on the export volume of Indonesian apparel. This is also in accordance with the theory proposed by Keynes. Keynes's theory states that to achieve a good economy, government intervention is necessary. This is the forerunner of fiscal policy. According to Keynes from the fiscal side, the government can carry out expansionary policies through tax cuts, tax elimination or reduction programs, to tax refunds. This is done in order to achieve national economic stability, spur economic growth, open up vast job opportunities, as well as stimulate exports and minimize imports in order to increase national income.

This is in line with research carried by Hendria et al. (2018) which analyzes the effect of the value of export VAT restitutions on exports, shows that the value of export VAT restitutions does not have a significant effect on exports. This means that if the arrears in the application for VAT restitutions is not immediately resolved by the Government, it will result in many companies experiencing difficulties in exporting goods so that cash flows and bankruptcy may occur. On the other hand, the credibility and level of trust of the business community to the Government in general and the Directorate General of Taxes in particular will also decline. Hence, the government must issue a policy the issuance of a new regulation that regulates VAT restitution in terms of legal certainty is very good and can accelerate the new restitution process as well as provide legal certainty for arrears in old restitution requests. This is in line with research conducted by Sidharta (2008) suggested that to overcome the problem of restitution, which is a long process, it is necessary to coordinate between the Directorate General of Taxes and related agencies, for example Customs and Excise, it is necessary for both parties to form a joint work unit to overcome the lack of coordination. To assist taxpayers in exercising their rights, it is necessary for the Directorate General of Taxes to simplify requests for documents and supporting evidence requested, such as requests for master B/L or Ocean B/L which can be removed.

## **5. CONCLUSION**

Based on the results of the tests that have been carried out, it can be concluded that:

1. Based on the results of data analysis, it can be concluded that foreign investment has a positive and significant effect on the export volume of Indonesian apparel. This means that the higher the foreign investment, the higher the export volume of Indonesian apparel will increase.
2. Based on the results of data analysis, it can be concluded that international prices have a negative and significant effect on the volume of Indonesian apparel exports. This means that the higher the international price, the lower the volume of Indonesian apparel exports.
3. Based on the results of data analysis, it can be concluded that foreign investment has a positive and significant effect on the export volume of Indonesian apparel. This means that the higher the foreign investment, the higher the export volume of Indonesian apparel will increase.

**REFERENCES**

- Aditia, A. H. (2014). *Prosedur Restitusi Ppn Bagi Pengusaha Kena Pajak (PKP) Yang Melakukan Ekspor Barang Kena Pajak (BKP) di Kantor Pelayanan Pajak (KPP) Tampan Pekanbaru*. Universitas Islam Negeri Riau Sultan Syarif Kasim Riau.
- Adolf, H. (2004). *Perjanjian penanaman modal dalam hukum perdagangan internasional (WTO)*. RajaGrafindo Persada.
- Agil, A. R. (2020). Perdagangan Internasional Dalam Pandangan Islam (Studi Kritik Terhadap Sistem Perdagangan Internasional Pada Organisasi WTO). *El-Kahfi/ Journal of Islamic Economics*, 1(02), 34–43.
- Agus, W. (2013). *Ekonometrika Pengantar dan Aplikasinya*. Ekonosia. Jakarta.
- Agustia, S. D. (2014). *Pengaruh Pengembalian Kelebihan Pembayaran Pajak Pertambahan Nilai (Restitusi PPN) Terhadap Penerlmaan Pajak Pertambahan Nilai Pada Kantor Pelayanan Pajak Pratama Ciawi*. Fakultas Ekonomi Dan Bisnis Universitas Pakuan.
- Ajizah, R. (2018). *Pengaruh Jumlah Produksi Karet Dan Harga Karet Internasional Terhadap Volume Ekspor Karet Indonesia Tahun 2007-2016*. Fakultas Ekonomi.
- Aldehayyat, J., & Alalaya, M. (2012). Theory and Applied Relationships between FDI, FPI, Trade and Finance: Evidence from Jordan (1990-2009). *Asian Social Science*, 8(6), 215.
- Amir, M. S. (2003). Ekspor dan Impor: Teori dan Penerapannya. *Seri Bisnis Internasional*, 13.
- AnjaniPutri, N. (2017). *Faktor-Faktor Yang Mempengaruhi Performa Ekspor Tekstil Indonesia Ke Amerika Serikat Studi Kasus Industri Pakaian Jadi (Sitic 84&89)*. Universitas Brawijaya.
- Aryanto, S., Syaparuddin, S., & Aminah, S. (2021). Analisis Dampak Nilai Tukar dan Penanaman Modal Asing terhadap Nilai Ekspor Indonesia Periode 1990-2018. *Jurnal Ekonomi Aktual*, 1(1), 11–22.
- Ayuningtyas, W. P. (2015). *Pengaruh Ekspor Dan Nilai Tukar Rupiah Terhadap Foreign Direct Investment Di Indonesia (Studi Pada Bank Indonesia Tahun 2005-2014)*. Brawijaya University.
- Crespo, N., & Fontoura, M. P. (2007). Determinant factors of FDI spillovers—what do we really know? *World Development*, 35(3), 410–425.
- Devanty, A., Hamzah, M. Z., & Sofilda, E. (2018). Analisis Dampak Regulasi Tingkat Komponen Dalam Negeri (TkdN) Terhadap Industri Pada Sektor Teknologi Informasi dan Komunikasi di Indonesia. *PROSIDING SEMINAR NASIONAL CENDEKIAWAN*, 823–830.
- Djuanda, G. (2011). *Pelaporan pajak pertambahan nilai dan pajak penjualan atas barang mewah*. PT Gramedia Pustaka Utama.
- Fadhlorrohman, F. (2018). *Pengaruh Luas Lahan, Harga Internasional, Produk Domestik Bruto dan Harga Substitusi Terhadap Volume Ekspor Minyak Kelapa Sawit Indonesia ke India Periode 1986-2018*. Fakultas Ekonomi dan Bisnis uin jakarta.
- Faruq, U. Al, & Mulyanto, E. (2017). *Sejarah teori-teori ekonomi*.
- Gopinath, G. (2015). *The international price system*. National Bureau of Economic Research.
- Gururaj, B., Satishkumar, M., & Kumar, M. K. (2016). Analysis of factors affecting the

- performance of exports in India. *International Journal of Agriculture, Environment and Biotechnology*, 9(4), 613–616.
- Hamid, M. F. S., & Aslam, M. (2017). Intra-regional trade effects of ASEAN free trade area in the textile and clothing industry. *Journal of Economic Integration*, 660–688.
- Harahap, E. F., Luviana, L., & Huda, N. (2020). Tinjauan Defisit Fiskal, Ekspor, Impor Dan Jumlah Umkm Terhadap Pertumbuhan Ekonomi Indonesia. *Jurnal Benefita*, 5(2), 151–161.
- Haris Budi Prasetyo, H. (2022). *Analisis Beberapa Faktor Yang Mempengaruhi Ekspor Komoditi Pakaian Jadi Indonesia Ke Amerika Serikat*. UPN" VETERAN'JAWA TIMUR.
- Hasoloan, J. (2013). Peranan perdagangan internasional dalam produktifitas dan perekonomian. *Edunomic Jurnal Pendidikan Ekonomi*, 1(2).
- Hendria, M., Oktaviani, R., & Sartono, B. (2018). Faktor yang Mempengaruhi Aliran Perdagangan Pakaian Jadi Indonesia dengan Rentang Waktu Penelitian Tahun 2001-2016. *Arena Tekstil*, 32(2).
- Hidayati, R. G. R., & Ermadiani, E. (2013). *Pengaruh Nilai Restitusi Pajak Pertambahan Nilai Ekspor Dan Penanaman Modal (Investasi) Terhadap Ekspor di Sumatera Selatan*. Sriwijaya University.
- Irawan, A. (2016). Sistem Informasi Perdagangan Pada PT Yoltran Sari Menggunakan Php Berbasis Web. *POSITIF: Jurnal Sistem Dan Teknologi Informasi*, 1(2).
- Kim, M. (2019). Export competitiveness of India's textiles and clothing sector in the United States. *Economies*, 7(2), 47.
- Krier, J.-M. (2008). Fair Trade 2007: new facts and figures from an ongoing success story. *A Report on Fair Trade In*, 33.
- Krugman, P. R., & Obstfeld, M. (2009). *International economics: Theory and policy*. Pearson Education.
- Kusumawati, E. G. (2021). *Pengaruh Kurs Dollar Amerika, Inflasi, dan Harga Ekspor Terhadap Nilai Ekspor Pakaian Jadi di Indonesia*. Universitas Muhammadiyah Surakarta.
- Laksono, R. R. (2017). *Analisis Faktor-Faktor Yang Mempengaruhi Suku Bunga Pinjaman Bank Umum Di Indonesia Melalui Pendekatan Kointegrasi Dan Error Correction Model (ECM)*.
- Lovely, V., & Natha, K. S. (2016). Analisis Faktor-Faktor Yang Mempengaruhi Ekspor Pakaian Jadi Indonesia Ke Negara Jepang Tahun 1990-2013. *E-Jurnal EP Unud*, 5(5), 578–597.
- Mahendra, I. G. Y., & Kesumajaya, I. W. W. (2015). Analisis pengaruh investasi, inflasi, kurs dollar amerika serikat dan suku bunga kredit terhadap ekspor Indonesia Tahun 1992-2012. *E-Jurnal Ekonomi Pembangunan Universitas Udayana*, 4(5), 44541.
- Majeed, M. T., & Ahmad, E. (2007). FDI and exports in developing countries: theory and evidence. *The Pakistan Development Review*, 735–750.
- Malian, A. H. (2003). Faktor-Faktor yang mempengaruhi ekspor produk pertanian dan produk industri pertanian Indonesia: pendekatan macroeconomic models dengan path analysis. *Jurnal Agro Ekonomi*, 21(2), 97–121.
- Mukhtar, S., Irianto, D., & Adni, R. R. (2019). Dynamics of Foreign Direct Investment Manufacturing Sector in Indonesia. *Jurnal Pendidikan Ekonomi Dan Bisnis (JPED)*, 7(2), 153–164.
- Muliasari, I. (2016). *Pengaruh Harga dan Proses Jasa Terhadap Kepuasan Konsumen*

- Pada Kafe Instamie (Survey Pada Konsumen Kafe Instamie Jl. Tamansari No 15 Bandung)*. Fakultas Ekonomi dan Bisnis Unpas.
- Munawaroh, S. E. (2017). Antisipasi Restitusi Pajak Pertambahan Nilai Atas Kegiatan Ekspor Dan Impor Pada Pt Ykk Zipco Indonesia. *Jurnal Akuntansi Dan Bisnis Krisnadwipayana*, 4(2).
- Nasution, A. H. (2016). Analisis Faktor-faktor Yang Mempengaruhi Pajak Ekspor Terhadap Perdagangan Minyak Sawit Di Indonesia. *PEKBIS (Jurnal Pendidikan Ekonomi Dan Bisnis)*, 8(1), 62–72.
- Nisa, E. L. K., & Juliprijanto, W. (2022). Analisis Faktor Yang Mempengaruhi Investasi Asing Langsung Di Indonesia Pada Tahun 1989 - 2019. *Transekonomika: Akuntansi, Bisnis Dan Keuangan*, 2(1), 29–44.
- Nur'ainiyyah, D. S., Nurdin, A. A., & Triuspitorini, F. A. (2021). Pengaruh Pembiayaan BUS Devisa, Pembiayaan Syariah LPEI, dan Penanaman Modal Asing (PMA) terhadap Ekspor Industri Pengolahan Nonmigas Indonesia. *Journal of Applied Islamic Economics and Finance*, 2(1), 126–140.
- Paul, K. R., & Obsfeld, M. (1994). *Ekonomi Internasional, Teori dan Kebijakan*. Jakarta. PT. Raja Grafindo Persada.
- Paulus A, P., & Ellen G, T. (2016). Faktor-faktor yang mempengaruhi harga cabai rawit di Kota Manado. *Agri-Sosioekonomi*, 12(2), 105–120.
- Pramana, K. A. S., & Meydianawath, L. G. (2013). Variabel-variabel yang mempengaruhi ekspor nonmigas Indonesia ke Amerika Serikat. *Jurnal Ekonomi Kuantitatif Terapan*.
- Pratiwi, P. D., Syafrial, S., & Hanani, N. (2016). Dampak Kebijakan Pajak Ekspor terhadap Kinerja Ekspor CPO (Crude Palm Oil), Produksi, dan Konsumsi Minyak Goreng di Pasar Domestik. *Agricultural Socio-Economics Journal*, 13(2), 117.
- Pribadi, T. S. (2021). Analisis Pengaruh Faktor Ekonomi Serta Kualitas Institusi Domestik Terhadap Aliran Masuk Foreign Direct Investment di Kawasan Asean. *Jurnal Ilmiah Mahasiswa FEB*, 9(2).
- Purwanto, M. (2017). *Faktor-faktor yang Mempengaruhi Ekspor Pakaian Jadi Indonesia*.
- Ragimun, R. (2010). Analisis Kinerja Industri TPT Indonesia. *Kajian Ekonomi Dan Keuangan*, 14(4), 33.
- Rahmawati, N. R. (2015). Analisis Permintaan Ekspor Beras Organik Jawa Barat analisis Permintaan Ekspor Beras Organik Jawa Barat. *Jurnal Sains Manajemen & Akuntansi*, VI I(1), 65–78.
- Ramadhani, A. H. R. (2018). *Perkembangan Ekspor Dan Strategi Pakaian Jadi Indonesia Periode 2012-2016*.
- Safitriani, S. (2014). Perdagangan internasional dan foreign direct investment di Indonesia. *Buletin Ilmiah Litbang Perdagangan*, 8(1), 93–116.
- Sidabutar, V. T. P., & Aminoto, T. (2021). *Ekspor Impor: Teori dan Praktik untuk Pemula*. CV. Mitra Cendekia Media.
- Sidharta, P. (2008). *Analisis Implementasi kebijakan dalam penyelesaian tunggakan restitusi PPN (kajian atas PER-122/PJ./2006 Tanggal 15 Agustus 2006 Tentang Jangka Waktu Penyelesaian Dan Tata Cara Pengembalian Pembayaran PPN dan PPnBM)*.
- Soviandre, E., Al Musadieg, M., & Fanani, D. (2014). *Faktor-faktor yang mempengaruhi volume ekspor kopi dari Indonesia ke Amerika Serikat (Studi pada volume ekspor*

- kopi periode tahun 2010-2012*). Brawijaya University.
- Sudirman, L. (2016). Iklim Investasi di Indonesia. *Jurnal Selat*, 3(2), 463–471.
- Ulfa, R., & Andriyani, D. (2019). Analisis Faktor-faktor yang Mempengaruhi Ekspor Komoditi Non Migas Di Indonesia Tahun 1985-2017. *Jurnal Ekonomi Regional Unimal*, 2(3), 128–140.
- van Scheers, L. (2016). Managing the risk of outsourcing the IT functions at companies. *RISK GOVERNANCE & CONTROL: Financial Markets and Institutions*, 69–74.
- Wardhana, A. (2011). Analisis Faktor-Faktor Yang Mempengaruhi Ekspor Nonmigas Indonesia Ke Singapura Tahun 1990-2010. *Jurnal Manajemen Dan Akuntansi*, 12(2), 99–102.
- Warni, G. S., & Setyari, N. P. W. (2019). Analisis Daya Saing Ekspor Pakaian Jadi Indonesia ke Pasar Jerman Periode Tahun 2013-2018. *E-Jurnal Ekonomi Pembangunan Universitas Udayana*, 8(11), 2656–2688.
- Yanti, N., & Sudirman, I. W. (2017). Pengaruh Kurs Dollar Amerika Serikat, Inflasi, Dan Harga Ekspor Terhadap Nilai Ekspor Pakaian Jadi Indonesia. *E-Journal Ekonomi Pembangunan Universitas Udayana*, 6(3), 178–2303.
- Yusuf, M., & Rangkuty, D. M. (2019). Analisis Neraca Perdagangan Indonesia-India Periode 2013-2018. *Jurnal Penelitian Medan Agama*, 10(1).