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The Effect of Economic Growth, Investment on Local Indigenous Income in Jambi Province

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Abstract: This study analyzed the influence of Economic Development and Investment on Regional Indigenous Income in Jambi Province. The theories used in the study are the theory of economic growth, investment, and income of the Indigenous Regions. This research was conducted in Jambi Province in 2019, using time series data from 2000 to 2018. The analysis method in this study is multiple linear regression, while the analysis tool used is SPSS.20. this research before the analysis was conducted testing using classic assumption tests. This study shows that simultaneously economic growth, investment has a significant influence on the original income of the region. In contrast, in a way, economic growth, investment has a significant influence on the income of the Indigenous Region.

Keywords: economic growth, regional income, investment, Jambi province.

占碑省经济增长、投资对当地土著收入的影响

摘要：本研究分析了占碑省经济发展和投资对区域土著收入的影响。研究中使用的理论是土著地区的经济增长、投资和收入理论。本研究于 2019 年在占碑省进行，使用 2000 年至 2018 年的时间序列数据。本研究的分析方法是多元线性回归，而使用的分析工具是社会科学统计包 20。本研究在分析之前是使用经典假设测试进行测试。本研究表明，在经济增长的同时，投资对该地区的原始收入有显著影响。相比之下，在某种程度上，经济增长、投资对土著地区的收入有显著影响。

关键词：经济增长，区域收入，投资，占碑省。

1. Introduction

Regional Indigenous Income is part of the regional revenue source as stipulated in Law No. 33 of 2004 [1] as one of the sources of income to implement regional autonomy. Therefore, regional Indigenous Income must be completely dominant and able to shoulder the necessary workload until the implementation of regional autonomy is not financed by subsidies or donations from third parties or regional loans.

Regional Native Income (PAD) is all regional receipts derived from the region's original economic resources [2].

Regional Indigenous Income is a very strong component of the independence of the District/City government to the autonomy of the current region. One of the components considered in determining the level

of regional independence to the region's autonomy is the Sector of Regional Indigenous Income [3].

Local original income (PAD) is income sourced and collected by the local government. PAD sources consist of local taxes, regional levies, profits from local-owned enterprises (BUMD), and other legitimate local native income [4].

Law No. 33 (2004) Regional Indigenous Income (PAD) [1] is a regional income derived from local tax proceeds, regional levy proceeds, basil management of segregated regional wealth, and other legitimate local native income, which aims to provide flexibility to the region in digging up funding in the implementation of regional autonomy as a manifestation of the principle of decentralization.

2. The Foundation of Theory

2.1. Economic Growth

Economic growth is often interpreted as one of the indicators to determine the success of economic development, and this condition is always sustainable between each other. Therefore, it is worth noting whether the whole community can enjoy high economic growth or economic progress in a country [5].

Todaro and Smith [6] have three main factors or components that influence economic growth: capital accumulation, population growth, and technological progress.

The basic economic theory is the pace of economic growth in a region determined by the increase in exports in the region [7].

Many local governments are seriously reviewing their regulatory systems to show that the cost of doing business in their area reflects their desire to achieve high economic growth [8].

Nuryadin [9] shows that variable foreign investment affects regional economic growth, while domestic investment does not affect regional economic growth.

Foreign investors, domestic investment, and capital expenditures significantly impact economic growth in 33 Indonesia Provinces [10].

2.2. Investment

Everything that is done to increase the ability to create and add value to the usability of life is an investment, so the investment is in physical form and non-physical, especially the improvement of the quality of human resources (HR) [11].

Investment activities allow society to increase economic activities continuously and employment opportunities, increase national income and increase public prosperity. This role stems from three important functions of investment activities [12].

Nopirin [13] defines investment as the investment of fixed goods in the company (business fixed investment), inventory, and residential.

By Mankiw [14], investment refers to spending on expanding new businesses and equipment, which causes capital to increase. While capital supply is an important determinant of economic output because capital inventories can change all the time, and that change could lead to economic growth.

Kuncoro [8] added that a large supply of physical capital resulting from a high investment ratio would lead to a high PDRB. High investment also tends to lead to high incomes.

Boediono [15] investment is an expense by the manufacturing sector to purchase goods and services to increase the stock used or for factory expansion. The investment will increase the amount (stock) of the capital. The region's success in increasing its attractiveness to investment depends on the ability of

the region to formulate policies related to investment and the business world and improve the quality of service to the community. The ability of the region to determine factors that can be used as a measure of the competitiveness of the regional economy relative to other regions is also very important to increase its attractiveness and win a competition.

Concluding that direct investment has a very significant influence on economic growth; with increased investment, economic growth will also increase because investment is a component of economic growth [16].

PDRB is a variable that has a large influence on domestic investment. Although, in theory, it is said that if government spending increases, the investment also increases, but this happens if the state of the economy is in normal condition or *ceteris paribus*. Private investment and labor directly and insignificant affect the region's native income [17].

Investment and human resources significantly impact the region's native income and economic growth [18].

The relationship between investment and economic growth is not strong. Investment has no significant effect on the local native income. Economic growth significantly affects the local native income. Investment and economic growth has a significant effect on the local native income [19].

The influence of investment and human resources on local native income and economic growth significantly influences the region's native income [18].

2.3. Regional Native Income

To enlarge its role in development, the local government must be more independent in financing its domestic operations. Based on this, it can be seen that regional revenues cannot be separated from regional spending because they are interconnected and are a budget allocation that is structured and created to launch the wheels of local government [20].

Local native income is local income derived from the proceeds of local tax, the result of the distribution of the proceeds of segregated regional wealth management and others the local native income that is legitimate in digging up funding in the implementation of autodata as the embodiment of the principle of decentralization [21].

Riwu [22] speaks of a regional levy on the payment of harvesting or for obtaining employment services, businesses, or regional belonging for the public benefit, or because of services provided by the region, either *Iangsung* or not *Iangsung*.

According to Tjokroamidjojo [23] sources of Regional Indigenous Income include:

a) From income through taxes that are fully handed over to the local or that is not the central government's authority, there is still potential in the region.

b) Acceptance of regional services, such as levies, certain licensing rates, etc.

c) Regional revenues derived from the profits of regional companies, namely companies that get capital in part or all of the region's wealth.

Saragih [24] stated that any change in economic conditions would have a meaningful impact on the change in Regional Indigenous Income. Areas that have a good economy will have a high Regional Indigenous Income. Thus, it can be said that the better the economic condition of the region will support the improvement of Regional Indigenous Income.

Capital Expenditure influences the local native income. That is due to an increase in capital expenditure in the procurement of public facilities in prospering the community, thereby increasing the local native income through taxes and levies. Investment does not affect the region's native income [25].

To increase regional revenues derived from Regional Indigenous Income determined economic factors or economic potential that have prospects to be developed for each area [26].

3. Research Methods

Following the research objectives achieved, the data collected is secondary data, namely data obtained from related agencies that have to do with this research, a time-series data from 2000-2018 in Jambi Province [27].

To test the effect of economic growth and investment on Regional Indigenous Income in Jambi Province can be used with the following basic models.

To prove the truth of the hypothesis then, data analysis is required to know the effect of one free variable on non-free variables with the following formulations:

$$Y = a + b_1 x_1 + b_2 x_2 + e$$

3.1. Testing Classic Assumptions

The research uses multiple regression analysis tools. So the classic assumption test aims to determine if the influence of free variables (X) on variables (Y), then researchers will use regression analysis to obtain a regression model that can be accounted for by meeting assumptions. There are three tests of these traditional assumptions, namely:

3.1.1. Normality Test

Normality test aims to determine the data that has been collected normally distributed or taken from the normal population. The classic method of testing the normality of data is not so complicated. Based on the practical experience of some statisticians, the data is much more than 30 numbers ($n > 30$), then it can be assumed to be distributed normally. It used to be said to be a large sample. Normality tests are used to find out whether residuals are well distributed or not. To test whether or not it is distributed properly, use the

Jarque-Berra (J-B Test) test. If the result of the test normality value is $p\text{-value} > \alpha = 10\%$. Thus, it can be concluded that the test of normality is feasible or the model is distributed normally [28].

3.1.2. Multicolinearity Test

The Multicollinearity Test is a linear relationship between independent variables in the regression. Therefore, to test whether or not multicollinearity exists in the model, the pilot uses a partial method between independent variables [29].

3.1.3. Heteroskedasticity Test

Heteroskedasticity testing aims to determine whether there is variance inequality in regression models from residual one observation to another. Suppose the variance from residual one observation to another remains. In that case, it is called homoskedasticity, and if different is called heteroskedasticity, a good regression model is that homoskedasticity or does not occur heteroskedasticity [30].

3.1.4. Autocorrelation Test

Autocorrelation test aims to determine whether or not the deviation of classical assumptions of autocorrelation is a correlation that occurs between residuals in observations in regression models [31].

3.2. Hypothesis Tester

Hypothesis is a statement on the nature of the population while the hypothesis test is a procedure for proving the correctness of the nature of the population based on sample data [32].

3.2.1. F-Test

$$H_0: b_1 = b_2 = 0$$

$$H_a: b_1 \neq b_2 \neq 0$$

3.2.2. t-Test

$$H_0: b_1 = 0$$

$$H_a: b_1 \neq 0$$

$$H_0: b_2 = 0$$

$$H_a: b_2 \neq 0$$

3.2.3. Determination Coefficient or R-Squared (R2)

That is to measure the level of accuracy or match by describing the ability of free variables to describe their bound variables. At the same time, values outside the determination coefficient (1-R2) are explained by other factors outside the model [33].

Table 1 Collinearity statistics

Model	Collinearity Statistics	
	Tolerance	VIF
1	(Constant)	
	LOG_X1	,931
	LOG_X2	,931

4. Research Results

4.1. Classic Assumption Test

4.1.1. Normality Test

Based on normality test results, can be seen from Fig. 1 below.

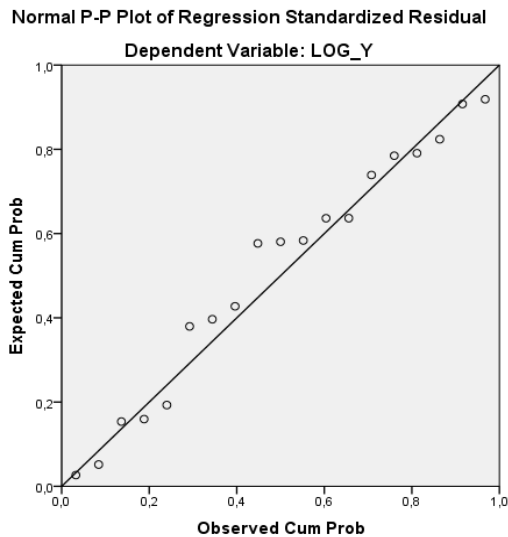


Fig. 1 Normal P-P plot of regression standardized residual

The normal probability chart above appears that the normal probability plot chart looks at the dots that draw the data. Therefore, it follows its diagonal line meets the assumption of normality.

4.1.2. Multicholinearity Test

In the table below can be seen the results of the Multicholinearity Test

The tolerance value for the Economic Growth variable is $0.931 > 0.10$, and the VIF value is $1.074 < 10$, stated investment variable value does not occur multicollinearity.

4.1.3. Autocoleration Test

The table below shows the autocorrelation test results.

Table 3 Coefficients (a. Dependent variable: LOG_Y)

Model		Standardized				Collinearity Statistics	
		Unstandardized Coefficients B	Std. Error	Coefficients Beta	t	Sig.	Tolerance VIF
1	(Constant)	-2,919	1,197		-2,439	,027	
	LOG_X1	1,261	,510	,301	2,470	,025	,931 1,074
	LOG_X2	1,062	,142	,912	7,486	,000	,931 1,074

4.2. Multiple Linear Regression Results

A constant value of -2,919 means that if an independent variable is Economic Growth (X1), Investment (X2) is zero (0), then the dependent variable of Regional Native Income (Y) will be of a fixed value of -2,919. The variable regression coefficient of Economic Growth (X1) is positive at 1,261 meaning that if economic growth increases by 1

Table 2 Runs test (a. Median)

	Unstandardized Residual
Test Value ^s	,03840
Cases < Test Value	9
Cases \geq Test Value	10
Total Cases	19
Number of Runs	4
Z	-2,829
Asymp. Sig. (2-tailed)	,005

Table above obtained runs test result, asymp sig (2tailed) value of 0.005 is smaller than 0.05 than inferred autocorrelation.

4.1.4. Test Heteroskedastisitas

The figure below can be seen with the results of the Heteroskedastisity Test.

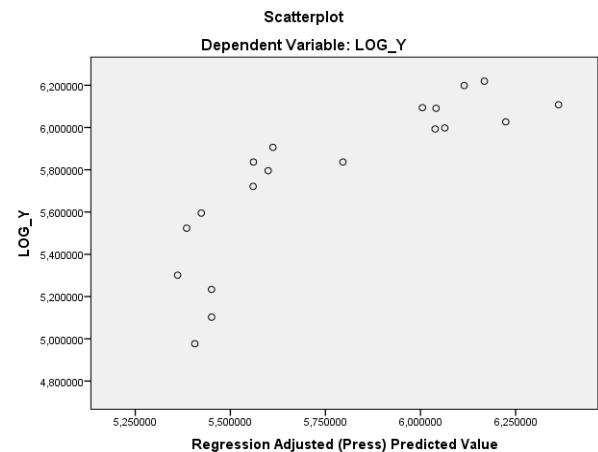


Fig. 2 Scatter plot

The image above shows that the Y-axis dots do not form a specific pattern and the data points spread. It can then be concluded that there was no heteroskedasticity in the regression model in this study [34].

(one) percent while other variables are considered constant, then variable Y, i.e., Regional Native Income will increase by 1,261. Investment variable regression coefficient (X2) is the positive value of 1,026, meaning that if the Investment increases by 1 (one) percent. In contrast, other variables are considered constant, then variable Y, i.e., Regional Native Income, will increase by 1,026 [35].

4.3. Hypothesis Test

4.3.1. F-Test (Simultaneous Test)

By comparing F-count and F-table with significant levels of $\alpha = 0.05$. It can be noted that F-number of 28,162 by comparing Ftable $\alpha = 0.05$ with degrees free of sample number $N=18$, variable number $K=2$ and denominator degree $(N-K-1) = (18-2-1) = 15$, obtained

Ftable by 3.68. F-table is larger than Ftung ($28.162 > 3.68$), then H_0 is rejected, and H_a is accepted, meaning there is a significant influence between independent variable Economic Growth and Investment together on dependent variables of Regional Native Income. That means that simultaneously independent variables of Economic Growth and Investment affect the dependent variables of the Local Native Income [36].

Table 4 Test F ANOVA^a (a. Dependent variable: LOG_Y; b. Predictors: (Constant), LOG_X2, LOG_X1)

Model		Sum of Squares	Df	Mean Square	F	Sig.
1	Regression	2,008	2	1,004	28,162	,000 ^b
	Residual	,570	16	,036		
	Total	2,578	18			

Table 5 Coefficients

Model		Unstandardized Coefficients		Standardized Coefficients		Sig.
		B	Std. Error	Beta	t	
1	(Constant)	-2,919	1,197		-2,439	,027
	LOG_X1	1,261	,510	,301	2,470	,025
	LOG_X2	1,062	,142	,912	7,486	,000

4.3.2. T-Test (Partial Test)

Based on the t (partial) test [37] results in the regression model, the comparison between t-count and t-table showed a t-count of 2,470 compared to 2,144, then $2,470 > 2,144$. Or a significant variable level of Economic Growth (X1) of $0.025 < (.05)$ thus, H_0 was rejected, and H_a accepted. Comparing t-count and t-

table showed a t-count investment of 7,486 compared to t-table of 2,144 then $7,486 > 2,144$. or a significant level of variable investment (X2) of $0.000 < (0.05)$; thus, H_0 was rejected, and H_a accepted. From these results, it can be concluded that partially variable investment has significant value to the Local Indigenous Income in Jambi Province.

Table 6 Model Summary^b (a. Predictors: (Constant), LOG_X2, LOG_X1; b. Dependent variable: LOG_Y)

Model	R	R Square	Adjusted R Square	Std. An error of the Estimate	Durbin-Watson
1	,882 ^a	,779	,751	,188803957	,321

4.3.3. Determination Coefficient

Based on the results of the determination coefficient test [38] in the table above, it shows that the value of R Square is 0.779, which means that the amount of independent variable contributions, namely Economic Growth (X1) and Investment (X2), affects the variable Regional Native Income (Y) by $(0.779 \times 100 = 77.9\%)$, while the rest $(100\% - 77.9\% = 22.1\%)$ other variables outside of this study.

5. Conclusion

From the results of the research to analyze the economic development and investment of the Original Income of Jambi Province in 2000-2018 [39], it can be concluded as follows: Economic growth, investment simultaneously has a significant effect on the Indigenous Income of the Region in Jambi Province which affects 77.9% on the Local Native Income. Therefore, economic growth and investment partially affect the Regional Indigenous Income in Jambi Province; economic growth has a significant effect on

the Local Indigenous Income, which significantly affects the Local Indigenous Income [40], [41].

An increase in the development of Regional Indigenous Income requires more efforts from the government in improving facilities and infrastructure [42], [43], as well as creating opportunities and strategies to attract investors to invest in Jambi Province, thus later creating conditions conducive to Jambi Province which will in the future increase conducive to Foreign Direct Investment and Domestic Investment [44], [45], [46]. Furthermore, the government is expected to maintain security and the situation in Jambi Province, as this is one of the supporting factors in attracting local and foreign investors to invest in Jambi Province so that the amount of foreign investment and domestic investment can continue to increase from year to year [47].

References

- [1] LAW OF THE REPUBLIC OF INDONESIA. *Law No. 33 Regional Indigenous Income*, 2004. <https://www.gitews.org/tsunami->

[kit/en/E6/further_resources/national_level/undang_undang/U%2033-2004_Fiscal%20Balance%20ENG.pdf](#)

- [2] HALIM A. *Regional Financial Organization*. Salemba four, Jakarta, Indonesia, 2004.
- [3] SALEH S. *Manajemen Kepariwisata, Perseroan Terbatas* Pradnya Paramita, Jakarta, Indonesia, 2003.
- [4] WARSITO P. T. *Peranan dan Strategi Peningkatan PAD dalam Pelaksanaan Otonomi Daerah*. Perseroan Terbatas Rajawali Grafindo, Jakarta, Indonesia, 2001.
- [5] NURAINI I., & HARIYANI H. F. Quality of Economic Growth of Districts /Cities in East Java. *Jurnal Ekonomi Pembangunan: Kajian Masalah Ekonomi dan Pembangunan*, 2019, 20(1): 80-86. <https://doi.org/10.23917/JEP.V20I1.7104>
- [6] TODARO M. P., & SMITH S. C. *Economic Development. 8th Edition*. Longman Publication, New York, USA, 2004.
- [7] TARIGAN R. *Regional Economic Theory and Application*. Earth Script Perseroan Terbatas, Jakarta, Indonesia, 2005.
- [8] KUNCORO M. *Regional Autonomy and Development: Reform, Planning Strategies and Opportunities*. Erlangga, Jakarta, Indonesia, 2003.
- [9] SODIK J., & D. NURYADIN. Investasi dan Pertumbuhan Ekonomi Regional, Studi Kasus pada 26 Propinsi di Indonesia Pra dan Pasca Otonomi. *Jurnal Ekonomi Pembangunan*, 2005, 10(2): 157-170. <https://doi.org/10.20885/ejem.v10i2.599>
- [10] RIZKY R. L., AGUSTIN G., and MUKHLIS I. Pengaruh Penanaman Modal Asing, Penanaman Modal Dalam Negeri Dan Belanja Modal Terhadap Pertumbuhan Ekonomi Provinsi Di Indonesia. *Jurnal Ekonomi & Studi Pembangunan*, 2016, 8(1): 9-16. <http://dx.doi.org/10.17977/um002v8i12016p009>
- [11] WAHAB M. A., AHMED V., and MAHMOOD H. Human Resource Development (HRD) and Foreign Remittances. The case of South Asia. *World Economics*, 2014, 14(4): 29-56. <https://www.freit.org/WorkingPapers/Papers/Development/FREIT782.pdf>
- [12] SUKIRNO S. *Ekonomi Pembangunan, Proses, Masalah dan Dasar Kebijaksanaan*. Lembaga Management Fakultas Ekonomi Universitas Indonesia, Jakarta, Indonesia, 2005.
- [13] NOPIRIN T. *Ekonomi Moneter. Edisi Kedua*. Penerbit Fakultas Ekonomi Universitas Gadjah Mada, Yogyakarta, Indonesia, 2011.
- [14] MANKIW N. G. The Macroeconomist as Scientist and Engineer. *Journal of Economic Perspectives, American Economic Association*, 2006, 20(4): 29-46. <https://www.nber.org/papers/w12349>
- [15] BOEDIONO W. W. *The Theory of Economic Growth*. Penerbit Fakultas Ekonomi Universitas Gadjah Mada, Yogyakarta, Indonesia, 2009.
- [16] EMILIA E. *Regional Economic Module*. Faculty of Economy University of Jambi, Jambi, Indonesia, 2006.
- [17] KURNIAWAN A. I., MILITINA T., and SUHARTO R. B. Influence of Private Investment and Government Spending and Labor on Local Native Income and Economic Growth. *Inovasi*, 2017, 13(2): 68-77. <https://core.ac.uk/download/pdf/229018316.pdf>
- [18] NOVA A., ZULFICAR S. E., and SI M. *The Influence Of Investment And Human Resources On Local Native Income With Economic Growth As Intervening Variable (Case Study on Districts / Cities in Central Java Province)*. Universitas Muhammadiyah Surakarta, Jawa Tengah, Indonesia, 2017. <http://eprints.ums.ac.id/51441/>
- [19] UTAMI E. S. The Effect of the Crisis on Financial Performance of Property Sector in Indonesia. *Investment Management and Financial Innovations*, 2017, 14(1-1), 248-253. [https://doi.org/10.21511/imfi.14\(1-1\).2017.11](https://doi.org/10.21511/imfi.14(1-1).2017.11)
- [20] ABDULLAH R. *Implementation of Broad Autonomy and the Issue of Federalism As an Alternative*. Perseroan Terbatas King Grafindo Persada, Jakarta, Indonesia, 2002.
- [21] RAHMAN H. *Regional Original Income*. Arifgosita, Jakarta, Indonesia, 2005.
- [22] RIWU K. J. *Prospects for Regional Autonomy in the Republic of Indonesia: Identification of Factors That Affect the Implementation of Regional Autonomy*. Perseroan Terbatas Raja Grafindo Persada, Jakarta, Indonesia, 2005.
- [23] TJOKROAMIDJOJO B. *Pengantar Administrasi Pembangunan*. Lembaga Penelitian, Pendidikan dan Penerangan, Jakarta, Indonesia, 1984
- [24] SARAGIH J. P. *Desentralisasi Fiskal Dan Keuangan Daerah Dalam Otonomi*. Penerbit Ghalia, Jakarta, Indonesia, 2003.
- [25] DZAKIYAH U. W, SANTI S., and INDRA P. Effect Of Capital Expenditure, Investment, Number Of Tourists, And Economic Growth On The Original Income Of Dki Jakarta Province. *Jurnal Ekonomi dan Keuangan Publik*, 2016, 5(2): 105-128 <http://ejournal.ipdn.ac.id/JEKP/article/view/417>
- [26] FADLY F. The Effect of Economic Growth on Regional Native Income. *Jurnal Ilmu Ekonomi dan Pembangunan*, 2016, 16(2): 62-73. <https://doi.org/10.20961/jiep.v16i2.2312>
- [27] AMRI A., JUNAIDI, and YULMARDI. *Metodologi Penelitian Ekonomi dan Penerapannya*. Institut Pertanian Bogor Press, Bogor, Indonesia, 2009.
- [28] CAHYONO T. *Statistij Uji Normalitas*. Yayasan Sanitarian Banyumas, Banyumas, Indonesia, 2015.
- [29] SANTOSO S. *Parametric SPSS Exercise Book*. Perseroan Terbatas Elex Media Komputindo Jakarta, Indonesia, 2000.
- [30] GHOZALI I. *Econometrics*. Badan Penerbit Universitas Diponegoro, Semarang, Indonesia, 2009.
- [31] GUJARATI D. *Basic Economics (3rd. edition)*. McGraw Hill, New-York, USA, 1995.
- [32] KUNCORO M. *Kuantitatif Method, 1st edition*. Sekolah Tinggi Ilmu Manajemen Yayasan Keluarga Pahlawan Negara Publisher, Yogyakarta, Indonesia, 2000.
- [33] ADISASMITA R. *Revenue Management & Regional Budget*. GrahaIlmu, Yogyakarta, Indonesia, 2011.
- [34] AMIR M. *Indonesia's Economy Pasca Reformasi*. Lainnya, Jambi, Indonesia, 2007.
- [35] ARSYAD L. *Economic Development*. Sekolah Tinggi Ilmu Manajemen Yayasan Keluarga Pahlawan Negara, Yogyakarta, Indonesia, 2010.
- [36] CENTRAL STATISTICS AGENCY. *Development of PMA & PMDN Jambi province in figures 2000-2018*. 2018. <https://www.bps.go.id/>
- [37] ILMAR A. *Investment Law in Indonesia*. Kencana, Jakarta, Indonesia, 2007.
- [38] JHINGAN M. L. *Economic Development and Planning*. Rajawali Press, Jakarta, Indonesia, 2012.
- [39] JHINGAN M. L. *Economic Development and Development*. Perseroan Terbatas. King Grafindo Persada, Jakarta, Indonesia, 2003.
- [40] KAIRUPAN D. *Aspects of Foreign Investment Law in Indonesia*. Kencana, Jakarta, Indonesia, 2013.

- [41] KARTASAPOTRA G. *Foreign Investment Management*. Bina Aksara, Jakarta, Indonesia, 1985.
- [42] MARDIASMO. *Revised Edition Taxation 2006*. Andi Offset, Yogyakarta, Indonesia, 2006.
- [43] MUQSYITHU W. B., & POERWONO D. *Analysis of The Influence of Domestic Investment (PMDN), Foreign Direct Investment (PMA), Government Expenditure and Labor On Economic Growth in DI Yogyakarta (1996 – 2012)*. Universitas Diponegoro, Indonesia, Semarang, 2013.
- [44] PRASETYO E. *Analysis of the Influence of Domestic Investment (PMDN), Foreign Direct Investment (PMA), Labor, and Exports on Economic Growth in Central Java Period 1985 - 2009*. The State University of Semarang, Semarang, Indonesia, 2011.
- [45] SAPUTRI R. A. *Impact Ofimbanngan Fund, Domestic Investment and Foreign Investment on PdRB West Sumatra*. Uniersitas Andalas, Padang, Indonesia, 2013.
- [46] SUGIONO M. *Qualitative and Qualitative Research Method*. Alfabeta, Bandung, Indonesia, 2013.
- [47] TARIGAN R. *Regional Economy, Theory and Application of the Fourth Print*. Perseroan Terbatas Earth Script, Jakarta, Indonesia, 2007.

参考文献:

- [1] 印度尼西亚共和国法律. 第 33 号区域土著收入法, 2004. https://www.gitews.org/tsunami-kit/en/E6/further_resources/national_level/undang_undang/U%2033-2004_Fiscal%20Balance%20ENG.pdf
- [2] HALIM A. 区域金融组织。萨伦巴4, 雅加达, 印度尼西亚, 2004.
- [3] SALEH S. 旅游管理, 普拉德尼亚波罗蜜多有限责任公司, 印度尼西亚雅加达, 2003.
- [4] WARSITO P. T. 在实施区域自治中增加区域土著收入的作用和策略。拉贾瓦利格拉芬多有限公司, 印度尼西亚雅加达, 2001.
- [5] NURAINI I., & HARIYANI H. F. 东爪哇地区/城市经济增长质量. 发展经济学杂志: 经济与发展问题研究, 2019, 20(1): 80-86. <https://doi.org/10.23917/JEP.V20I1.7104>
- [6] TODARO M. P., & SMITH S. C. 经济发展. 第 8 版. 美国纽约朗文出版社, 2004.
- [7] TARIGAN R. 区域经济理论与应用. 有限责任公司地球脚本, 雅加达, 印度尼西亚, 2005.
- [8] KUNCORO M. 区域自治与发展: 改革、规划战略与机遇。埃尔朗加, 雅加达, 印度尼西亚, 2003.
- [9] SODIK J., & D. NURYADIN. 区域经济增长和投资, 印度尼西亚自治前后26个省的案例研究. 发展经济学杂志, 2005, 10(2): 157-170. <https://doi.org/10.20885/ejem.v10i2.599>
- [10] RIZKY R. L., AGUSTIN G., 和 MUKHLIS I. 外商投资、国内投资和资本支出对印度尼西亚省级经济增长的影响. 经济与发展研究杂志, 2016, 8(1): 9-16. <http://dx.doi.org/10.17977/um002v8i12016p009>
- [11] WAHAB M. A., AHMED V., 和 MAHMOOD H. 人力资源开发和国外汇款。南亚的情况。世界经济, 2014, 14(4): 29-56. <https://www.freit.org/WorkingPapers/Papers/Development/FREIT782.pdf>
- [12] SUKIRNO S. 发展经济学、过程、问题和政策基础。印度尼西亚雅加达印度尼西亚大学经济学院管理学院, 2005.
- [13] NOPIRIN T. 货币经济学。第二版。印度尼西亚日惹加札马达大学经济学院出版商, 2011.
- [14] MANKIW N. G. 作为科学家和工程师的宏观经济学家。经济展望杂志, 美国经济学会, 2006, 20(4): 29-46. <https://www.nber.org/papers/w12349>
- [15] BOEDIONO W. W. 经济增长理论. 印度尼西亚日惹加札马达大学经济学院出版商, 2009.
- [16] EMILIA E. 区域经济模块。占碑经济学院, 占碑, 印度尼西亚, 2006.
- [17] KURNIAWAN A. I., MILITINA T., 和 SUHARTO R. B. 私人投资和政府支出和劳动力对当地居民收入和经济增长的影响. 创新, 2017, 13(2): 68-77. <https://core.ac.uk/download/pdf/229018316.pdf>
- [18] NOVA A., ZULFICAR S. E., 和 SI M. 以经济增长为中介变量的投资和人力资源对当地土著收入的影响(中爪哇省地区/城市案例研究)。印度尼西亚中爪哇省苏拉卡尔穆罕默迪亚大学, 2017. <http://eprints.ums.ac.id/51441/>
- [19] UTAMI E. S. 危机对印度尼西亚房地产行业财务业绩的影响。投资管理与金融创新, 2017, 14(1-1), 248-253. [https://doi.org/10.21511/imfi.14\(1-1\).2017.11](https://doi.org/10.21511/imfi.14(1-1).2017.11)
- [20] ABDULLAH R. 广泛自治的实施和作为替代方案的联邦制问题. 格拉芬多·佩萨达国王有限公司, 印度尼西亚雅加达, 2002.
- [21] RAHMAN H. 区域原始收入。阿里夫戈西塔, 雅加达, 印度尼西亚, 2005.
- [22] RIWU K. J. 印度尼西亚共和国区域自治的前景: 确定影响区域自治实施的因素. 拉贾格拉芬多佩萨达有限公司, 印度尼西亚雅加达, 2005.
- [23] TJOKROAMIDJOJO B. 发展管理导论。印度尼西亚雅加达研究、教育和信息研究所, 1984
- [24] SARAGIH J. P. 自治中的财政分权和区域金融。加利出版, 印度尼西亚雅加达, 2003.
- [25] DZAKIYAH U. W., SANTI S., 和 INDRA P. 资本支出、投资、旅游人数和经济增长对雅加达省原始收入的影响. 经济与公共财政杂志, 2016, 5(2): 105-128. <http://ejournal.ipdn.ac.id/JEKP/article/view/417>
- [26] FADLY F. 经济增长对区域本地收入的影响. 经济与发展杂志, 2016, 16(2): 62-73. <https://doi.org/10.20961/jiep.v16i2.2312>
- [27] AMRI A., JUNAI, 和 YULMARDI. 经济研究方法论及其应用。茂物出版社农业研究所, 茂物, 印度尼西亚, 2009.

- [28] CAHYONO T. 正态性检验统计。巴纽马斯卫生基金会，巴纽马斯，印度尼西亚，2015。
- [29] SANTOSO S. 社会科学练习册的参数统计包。有限责任公司埃莱克斯媒体康普廷多印度尼西亚雅加达，2000。
- [30] GHOZALI I. 计量经济学。出版机构迪波尼哥罗大学，三宝垄，印度尼西亚，2009。
- [31] GUJARATI D. 基础经济学（第3版）。美国纽约麦格劳希尔，1995。
- [32] KUNCORO M. 定量方法，第 1 版。出版商国家英雄家庭基金会管理学院，印度尼西亚日惹，2000。
- [33] ADISASMITA R. 收入管理和区域预算。格拉哈科学，日惹，印度尼西亚，2011。
- [34] AMIR M. 改革后的印度尼西亚经济。其他，占碑，印度尼西亚，2007。
- [35] ARSYAD L. 经济发展。国家英雄家庭基金会管理学院，印度尼西亚日惹，2010。
- [36] 中央统计局。外商直接投资和国内投资的发展数字占碑省。2018。
<https://www.bps.go.id/>
- [37] ILMAR A. 印度尼西亚的投资法。日期，雅加达，印度尼西亚，2007。
- [38] JHINGAN M. L. 经济发展与规划。鹰出版社，印度尼西亚雅加达，2012。
- [39] JHINGAN M. L. 经济发展与发展。有限公司。印度尼西亚雅加达国王格拉芬多·佩萨达，2003。
- [40] KAIRUPAN D. 印度尼西亚外国投资法的各个方面。日期，雅加达，印度尼西亚，2013。
- [41] KARTASAPOETRA G. 外国投资管理。印度尼西亚雅加达扫盲发展，1985。
- [42] MARDIASMO. 2006 年修订版税收。安迪偏移，印度尼西亚日惹，2006。
- [43] MUQSYITHU W. B., & POERWONO D. 分析国内投资、外国直接投资、政府支出和劳动力对日惹经济增长的影响（1996-2012）。迪博尼哥罗大学，印度尼西亚，三宝垄，2013。
- [44] PRASETYO E. 1985年至2009年中爪哇省国内投资、外国直接投资、劳动力和出口对经济增长的影响分析。三宝垄国立大学，三宝垄，印度尼西亚，2011。
- [45] SAPUTRI R. A. 西苏门答腊地区国内生产总值、国内投资和外国投资对西苏门答腊地区国内生产总值的影响，2013。
- [46] SUGIONO M. 定性和定性研究方法。字母表，万隆，印度尼西亚，2013。
- [47] TARIGAN R. 第四版区域经济理论与应用。地球脚本有限责任公司，印度尼西亚雅加达，2007。