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The Gap in Economic Growth from Foreign Investment and Domestic Investment across Provinces in Indonesia Asnawi1*, Irfan1 and M. Fathul Chairi Ramadhani1 1 Department of Economic Development, Universitas Malikussaleh, Aceh Utara, Indonesia *Corresponding Author: asnawi.fe@unimal.ac.id (Received xxxx20xx; Revised xxxx20xx; Accepted xxxx 20xx) ABSTRACT The study aims to determine the effect of Foreign Investment (FDI) and Domestic Investment (PMDN) on Cross-Province Economic Growth in Indonesia in 2014-2018.

This study uses secondary data with Panel and Poled data consisting of 34 provinces in Indonesia, and use the 5 years time-series data during 2014-2018. The analytical method used is the panel regression analysis method with the Fixed Effect model and poled model. The results showed that foreign investment and domestic investment had a positive and significant effect on economic growth across provinces in Indonesia.

Furthermore, the results of the study show that foreign investment and domestic investment have a significant and positive effect on economic growth in 8 provinces in Indonesia, and the foreign investment has a significant and positive influence on economic growth in 9 Provinces in Indonesia. However, only North Maluku, where foreign investment has a significant and negative effect on economic growth, and domestic investment significantly and positively affects economic growth in 6 provinces in Indonesia.

Key Words: Foreign Investment, Domestic Investment, Economic Growth _ _ _ _ INTRODUCTION Increased economic growth is an indicator of successful development in Indonesia, with the development of productive businesses in the real sector, thus creating jobs and increasing people's income. Efforts to accelerate the development of

<mark>the</mark> real sector are by encouraging investment growth, both domestic investment (PMDN) and foreign investment (FDI).

(lamsiraroj & Doucouliagos, 2015) reinforces the positive influence of FDI in the economic growth process for selected developing countries. Investment can contribute to various real sector developments in Indonesia. According to the Investment Coordinating Board (2018), there are 3 business sectors with the largest amount of investment, namely transportation, telecommunications and construction, industry, and the food sector.

The turmoil of world economic development, the escalating trade war between the United States and China as well as an error in the investment licensing mechanism carried out by the government, this has an impact on the growth of foreign investment in Indonesia, according to the Investment Coordinating Board (BKPM) (2018). \$ 2,932 million in 2018 was the largest amount for the past 5 years.

However, the opposite occurred in domestic investment in Indonesia according to the Investment Coordinating Board (2018), it was noted that in 2018, it amounted to Rp.66,254 billion, with an increase of 25.32% from 2017. The increase in domestic investment was caused by a weakening of the purchasing power of money. rupiah, high domestic currency circulation, and most economic actors divert their business activities domestically.

According to the Investment Coordinating Board (2018), it is seen that the overall foreign investment (FDI) is larger, namely 62.9% in 2017, with domestic investment only 37.9%. Meanwhile, in 2018 the amount of foreign investment was 54.5%, with domestic investment amounting to 45.6%. The spread of foreign investment and domestic investment to 34 provinces in Indonesia, however, there is a striking difference that there is an inequality in the distribution of investment, wherein DKI Jakarta, West Java, Central Java, East Java, and East Kalimantan, investment has increased, by 56.2% (2018)), while in other areas, namely the island of Sumatra, parts of Kalimantan, Sulawesi and Papua, the investment amount is smaller, amounting to 43.8% (Investment Coordinating Board, 2018), this also has an impact on uneven economic growth.

LITERATURE REVIEW The aim of increasing foreign investment and domestic investment in Indonesia is to increase real sector growth, increase production, create jobs, and increase national output which has an impact on increasing economic growth as the goal of economic development. (Arsyad, 2010) states that the factors that can affect economic growth consist of; (1) capital accumulation, in which economic growth occurs with an increase in investment; (2) population growth that can increase the number of workers; and (3) technological advances that can increase the mobility and skills of labor, as well as production factors in increasing yields.

Meanwhile, Nurske said that poverty in developing countries can be stopped by increasing capital, with additional capital, the availability of tools and machines will increase production and ultimately increase national income from the increased output produced (Jhingan, 2016). Harrod-Domar assumes that the development process is a matter of increasing capital investment, with the problem of underdevelopment is a problem of lack of capital and if the capital is available and the capital is invested, growth will occur (Zakaria, 2009).

(Law Number 25 of 2007) states that Foreign Investment is an investment activity to conduct business in the territory of the Republic of Indonesia which is carried out by foreign investors, either using foreign capital fully or in partnership with domestic investors. Foreign investors are individuals who are foreign citizens, foreign business entities, or foreign governments investing in the territory of the Republic of Indonesia.

The results of the study (Hussain & Haque, 2016) found that trade and FDI have a significant impact on the economic performance of Bangladesh. This study also shows a long-term relationship between the variables used in the model. The study concludes by recommending that the Mauritanian government should implement policies that have the potential to make the country's macroeconomic environment competitive and thus encourage FDI.

(Onakoya, 2012) By using a disaggregated dataset using a structural macro-econometric model consisting of four blocks, namely; supply, private demand, government, and the external sector to measure the impact of FDI on economic growth. The findings indicate that FDI contributes to the promotion of economic growth in Nigeria. However, the effects of FDI growth vary across sectors.

(Bakari, 2017b) The results determine that there is a positive impact of domestic investment, exports, and labor on economic growth in the long run; however, there is no relationship between domestic investment and economic growth in the short term (Bakari, 2018). The empirical results show that in the long term carrying out domestic investment hurts economic growth; However, exports and imports have a positive effect on economic growth. In the short term, only domestic investment and imports lead to economic growth in Algeria.

Research Purposes The research objective is to determine the effect of foreign investment and domestic investment on economic growth across provinces in Indonesia

in 2014-2018. RESEARCH METHOD This study uses secondary data in the form of poled data which is sourced from the Investment Coordinating Board and the Central Bureau of Statistics for 5 years. The data analysis aims to simplify the data in a form that is easier to read to interpret.

Data on foreign investment and domestic investment are obtained from the Indonesian Investment Coordinating Board and data on the Gross Regional Domestic Product (GRDP) in provinces in Indonesia. RESULTS AND DISCUSSION In the selection of polled data analysis with Chow test, Haustman test and LM test, which was selected in this study is the Fixed Effect Model.

With the results and explanation of the polled data regression in table 1. Table 1. Fixed Effect Model Regression Test Results Variabel _Coefficient _Std. Error _t-Statistics _Prob. _ _C _11.30872 _0.086156 _131.2583 _0.0000 _ _LOG(FDI) _0.033312 _0.009834 _3.387503*** _0.0009 _ _LOG(PMDN) _0.034736 _0.005066 _6.856167*** _0.0000 _ _*** Significant 1% The results of the study are based on table 1, that a constant of 11.30872 indicates that if FDI and PMDN are (constant), then the GRDP in Indonesia is also 11.30%. The coefficient (FDI) has a value of 0.033, this indicates a positive relationship.

This means that if FDI increases by 1%, then GRDP in Indonesia will also increase by 0.033%. The variable coefficient (PMDN) has a value of 0.034. This indicates a positive relationship. This means that if PMDN increases by 1%, then GRDP in Indonesia will also increase by 0.034%. There are several reasons that explain the influence of foreign investment and domestic investment, where from several provinces it is caused by abundant natural resources, quality human resources, developing and progressing MSMEs and ease of licensing to do business. Table 2.

Results of the Poled Data Regression Test and the Fixed Effect Model Variabel _Coefficient _Std. Error _t-Statistic _Prob. _ _C _10.23675 _0.109984 _93.07484 _0.0000 _

_LOG(FDI_ACEH) _0.132754 _0.035844 _3.703660*** _0.0003 _ _LOG(FDI_BALI) _0.169877 _0.052626 _3.227990*** _0.0017 _ LOG(FDI_BANTEN) _0.006077 _0.209981 _0.028940 _0.9770 _ LOG(FDI_BENGKULU) _0.043377 _0.027812 _1.559667 _0.1220 _ LOG(FDI_DIY) _0.106634 _0.037453 _2.847149** _0.0054 _ LOG(FDI_DKI) _0.336637 _0.075391 _4.465199*** _0.0000 _ _LOG(FDI_GRNTLO) _-0.078434 _0.052243 _-1.501324 _0.1365 _ _LOG(FDI_JABAR) _0.100352 _0.105313 _0.952893 _0.3430 _ LOG(FDI_JAMBI) _0.170015 _0.103054 _1.649763 _0.1022 _ LOG(FDI_JATENG) _0.037783 _0.073914 _0.511172 _0.6104 _ LOG(FDI_JATIM) _-0.033187 _0.144149 _-0.230229 _0.8184 _ _LOG(FDI_KALBAR) _-0.006469 _0.057900 _-0.111720 _0.9113 _ LOG(FDI_KALSEL) _0.036785 _0.030596 _1.202270 _0.2321 _ LOG(FDI_KALTENG) _0.048343 _0.028854 _1.675417 _0.0970 _ LOG(FDI_KALTIM) _0.115618 _0.044655 _2.589130** _0.0111 _ _LOG(FDI_KALUT) _0.010659 _0.053220 _0.200290 _0.8417 _ LOG(FDI_KBANGBIL) _-0.005496 _0.044528 _-0.123420 _0.9020 _ LOG(FDI_KRIAU) _0.196363 _0.023044 _8.521347*** _0.0000 _ _LOG(FDI_LAMPUNG) _0.139362 _0.036961 _3.770554*** _0.0003 __LOG(FDI_MALUKU) _-0.011039 _0.016922 _-0.652378 _0.5157 _ LOG(FDI_MALUT) _-0.043045 _0.017724 _-2.428646** _0.0170 _ LOG(FDI_NTB) _0.069878 _0.020249 _3.450984*** _0.0008 _ LOG(FDI_NTT) _0.126514 _0.029479 _4.291644*** _0.0000 _ LOG(FDI PABAR) 0.069822 0.020474 3.410248*** 0.0009 LOG(FDI PAPUA) _0.188525 _0.025854 _7.291803*** _0.0000 _ _LOG(FDI_RIAU) _0.129624 _0.118900 _1.090194 _0.2783 _ LOG(FDI_SULBAR) _0.004128 _0.029237 _0.141197 _0.8880 _ _LOG(FDI_SULSEL) _0.225116 _0.038724 _5.813284*** _0.0000 _ _LOG(FDI_SULTENG) _0.053334 _0.019902 _2.679747** _0.0086 _ _LOG(FDI_SULTENGG) _0.124486 _0.059692 _2.085454* _0.0396 _ LOG(FDI_SULUT) _0.122072 _0.035076 _3.480201*** _0.0007 _ _LOG(FDI_SUMBAR) _0.145154 _0.043182 _3.361471*** _0.0011 _ LOG(FDI_SUMSEL) _0.165760 _0.035830 _4.626303*** _0.0000 _ _LOG(FDI_SUMUT) _0.163350 _0.104211 _1.567495 _0.1202 _ LOG(PMDN_ACEH) _0.077018 _0.030289 _2.542727** _0.0125 _ _LOG(PMDN_BALI) _0.009058 _0.070009 _0.129389 _0.8973 _ LOG(PMDN_BANTEN) _0.272482 _0.232697 _1.170974 _0.2444 _ LOG(PMDN_BENGKULU) _0.013028 _0.021575 _0.603874 _0.5473 _ LOG(PMDN_DIY) _0.065916 _0.033478 _1.968903* _0.0518 _ _LOG(PMDN_DKI) _0.032765 _0.080505 _0.406999 _0.6849 _ LOG(PMDN_GRNTLO) _0.042613 _0.038243 _1.114257 _0.2679 _ LOG(PMDN_JABAR) _0.261268 _0.114484 _2.282140** _0.0246 _ LOG(PMDN_JAMBI) _0.046174 _0.090195 _0.511931 _0.6098 _ _LOG(PMDN_JATENG) _0.310029 _0.074130 _4.182246*** _0.0001 _ _LOG(PMDN_JATIM) _0.402031 _0.137831 _2.916839** _0.0044 _ _LOG(PMDN_KALBAR) _0.169113 _0.060018 2.817702** 0.0058 LOG(PMDN KALSEL) 0.134985 0.031195 4.327117*** 0.0000 _LOG(PMDN_KALTENG) _0.081114 _0.030404 _2.667930** _0.0089 _ _LOG(PMDN_KALTIM) _0.174891 _0.046683 _3.746394*** _0.0003 _ LOG(PMDN_KALUT) _0.076253 _0.055357 _1.377477 _0.1715 _ LOG(PMDN_KBANGBIL) _0.079362 _0.042014 _1.888921 _0.0618 _ LOG(PMDN_KRIAU) _-0.005213 _0.025538 _-0.204144 _0.8387 _ _LOG(PMDN_LAMPUNG) _0.114479 _0.032012 _3.576107*** _0.0005 _

LOG(PMDN MALUKU) 0.016128 0.019498 0.827128 0.4102 LOG(PMDN MALUT) _0.020488 _0.017481 _1.172023 _0.2440 _ LOG(PMDN_NTB) _0.078854 _0.021487 _3.669749*** _0.0004 _ LOG(PMDN_NTT) _-0.014857 _0.021094 _-0.704312 _0.4829 _ LOG(PMDN PABAR) 0.030248 0.037120 0.814876 0.4171 LOG(PMDN PAPUA) _-0.037132 _0.037335 _-0.994542 _0.3224 _ LOG(PMDN_RIAU) _0.173801 _0.124377 _1.397364 _0.1654 _ LOG(PMDN_SULBAR) _-0.004386 _0.022479 _-0.195094 _0.8457 _ _LOG(PMDN_SULSEL) _0.039740 _0.040026 _0.992853 _0.3232 _ LOG(PMDN_SULTENG) _0.090967 _0.023155 _3.928691*** _0.0002 _ _LOG(PMDN_SULTENGG) _-0.003040 _0.068422 _-0.044436 _0.9646 _ LOG(PMDN_SULUT) _0.001380 _0.034012 _0.040570 _0.9677 _ LOG(PMDN_SUMBAR) _0.082285 _0.041959 _1.961048* _0.0527 _ _LOG(PMDN_SUMSEL) _0.068538 _0.035267 _1.943429* _0.0548 _ _LOG(PMDN_SUMUT) _0.142905 _0.113987 _1.253694 _0.2129 _ _R-squared _0.996978 _ Mean dependent var _11.85301 _ _Adjusted R-squared _0.994903 _ S.D. dependent var _1.142431 _ _S.E. of regression _0.081565 _ Akaike info criterion _-1.882249 _ _Sum squared resid _0.658632 _ Schwarz criterion _-0.599193 _ Log likelihood _227.1089 Hannan-Quinn criter. _-1.361522 __F-statistic _480.3365 _ Durbin-Watson stat _1.976642 __Prob(F-statistic) _0.000000 ____*** Significant at 1%, ** Significant at 5%, * Significant at 1%.

The results of the study based on table 2 were obtained, namely 8 provinces in Indonesia, namely the province of Aceh, DIY. Yogyakarta, East Kalimantan, Lampung, West Nusa Tenggara, Central Sulawesi, West Sumatra and South Sumatra foreign investment and domestic investment have a significant and positive impact on economic growth, indicating that the licensing bureaucracy for investment in these 8 provinces has been conducive and conditions productive economy, to encourage foreign investment and domestic investment.

Furthermore, 9 provinces in Indonesia, namely the province of Bali, DKI Jakarta, Riau Islands, East Nusa Tenggara, West Papua, Papua, South Sulawesi, Southeast Sulawesi and North Sulawesi with significant foreign investment have a positive effect on economic growth, this means that natural resources are abundant in the province, which encourages foreign investment to do business and the local governments in the 9 provinces provide adequate bureaucratic permits.

However, there is 1 province in Indonesia, which is North Maluku province, where foreign investment has a significant and negative effect on economic growth. This shows that foreign investment in the province has an impact on declining economic growth, due to the safety factor of investment that is not conducive so that investors lose.

Furthermore, according to table 2, it is explained that there are 6 provinces (West Java, Central Java, East Java, West Kalimantan, South Kalimantan, and Central Kalimantan) in Indonesia with significant domestic investment and positively affecting economic growth, this shows that domestic investment is sufficient. developing in small and medium enterprises (UMKM) in the province of West, Central, and East Java.

Meanwhile, in the provinces of West, South, and Central Kalimantan, more domestic investment is in the oil and rubber plantation sector and the mining sector. CONCLUSION Based on the results showed that foreign investment and domestic investment had a positive and significant effect on economic growth across provinces in Indonesia.

Furthermore, the results of the study show that foreign investment and domestic investment have a significant and positive effect on economic growth in 8 provinces in Indonesia, and the foreign investment has a significant and positive influence on economic growth in 9 Provinces in Indonesia. However, only North Maluku, where foreign investment has a significant and negative effect on economic growth, and domestic investment significantly and positively affects economic growth in 6 provinces in Indonesia REFERENCES Arsyad, L. (2010). Ekonomi Pembangunan. Yogyakarta: UPP STIE YKPN.

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