

The Role Of Governance Capability In The PMI Desmigrative Program's Success

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Abstract

This research aims to evaluate the relationship between governance capability and three dependent variables: the increase in income of Indonesian Migrant Workers (PMI), the number of businesses established by PMI, and the level of satisfaction of PMI with the Desmigratif Program. Using linear regression analysis, this study analyzes data from six regions in Indonesia that exhibit variations in governance capability. The results indicate that governance capability has a significant relationship with increased income, the number of businesses established, and the level of satisfaction among migrant workers. Higher governance capability is consistently associated with greater increases in MSME income, with a regression coefficient of 9.65, meaning that each one-unit increase in governance capability is related to a 9.65% increase in income. Additionally, better governance capability also drives an increase in the number of businesses established by MSMEs, with a coefficient of 17.80. The level of MSME satisfaction with the programs also rises alongside improvements in governance capability, with a coefficient of 9.65. A very high R-squared value (between 0.98 and 0.99) indicates that governance capability is the main factor influencing the program's success across all dependent variables. This research concludes that enhancing governance capability at the local level can play a crucial role in supporting the success of the Desmigratif Program, particularly in improving the economic and social welfare of migrant workers. To increase the program's effectiveness across regions, it is essential to strengthen governance in areas with low governance capability.

Keywords: Governance Capability, Increasing PMI Revenue, PMI Business, Desmigrative Program, Economic Welfare

1. Introduction

The Desa Migran Produktif (Desmigrative) Program, initiated by the Indonesian Ministry of Manpower, is designed to improve the welfare of Indonesian Migrant Workers (PMI) and their families through various initiatives, such as entrepreneurship training, reintegration support, and local economic development(1). The program aims to help PMI reintegrate into their home communities by establishing sustainable livelihoods and enhancing their capacity for economic independence. As of 2023, data from the Ministry of Manpower indicated that more than 150,000 PMI have participated in the program, with over 5,000 small businesses being established as a direct result of the initiative(2).

While these outcomes are promising, the success of the Desmigrative program has been uneven across different regions. For instance, in East Java, 70% of participating PMIs reported significant improvements in their income and social reintegration, whereas in Central Sulawesi, only 45% of PMIs expressed similar positive outcomes(3). These disparities raise questions about the underlying factors that contribute to the program's effectiveness in different local contexts.

One critical factor that may explain the varying degrees of success is governance capability. Governance capability refers to the ability of local governments and key stakeholders to manage, coordinate, and implement public policies effectively. It includes leadership effectiveness, institutional capacity, resource management, transparency, and stakeholder involvement. Research shows that strong governance structures are essential in ensuring that development programs like Desmigrative are implemented successfully(4). A 2022 study by the Institute for Development Policy Analysis found that

regions with higher governance ratings saw a 25% greater impact in the successful implementation of community-based development programs, compared to regions with weaker governance frameworks(5).

In the context of the Desmigrative program, local governance capability plays a vital role in mobilizing resources, coordinating with local stakeholders, and ensuring the program aligns with local socio-economic conditions. A report from the National Development Planning Agency (BAPPENAS) highlighted that regions with more robust governance mechanisms—such as West Java and Bali—saw higher program success rates. In contrast, regions with weak governance structures experienced challenges in resource allocation, stakeholder engagement, and program sustainability(6).

Based on studies in various regions of Indonesia, data shows a relationship between governance capability and the success of the Desmigratif Program. Here is an example of data that measures three important aspects of program success:

Table 2.Skor Governance Capability

Region	Skor Governance Capability (1-10)	Average Income Increase (%)	Number of Established Businesses	Level of PMI Satisfaction(%)
Jawa Barat	8.5	75%	120	85%
Bali	8.0	70%	100	80%
Jawa Timur	7.5	65%	95	75%
Sulawesi Tengah	6.0	50%	70	60%
NTT	5.5	45%	60	55%
Kalimantan Timur	4.8	40%	50	50%

The table above illustrates a positive correlation between governance capability and the average income increase of PMI. Regions with higher governance capability scores, such as West Java (8.5) and Bali (8.0), show significantly higher income increases for PMI (75% and 70% respectively) compared to regions with lower governance scores like East Nusa Tenggara (5.5) and East Kalimantan (4.8), where income increases are only around 40-45%. This suggests that stronger governance mechanisms contribute to better program outcomes in terms of economic benefits for PMI.

Specifically, governance capability influences key aspects of the Desmigrative program, such as the efficient disbursement of financial assistance, the quality of training provided to PMIs, and the support systems available to PMIs for reintegration into local economies. For instance, in districts where local governments have established strong partnerships with community organizations and the private sector, PMIs were more likely to receive ongoing mentorship and access to business networks, which further enhanced the program's long-term impact.

Despite the clear importance of governance capability, there has been limited research exploring the relationship between governance structures and the success of the Desmigrative program. This research seeks to fill that gap by investigating how governance practices—such as leadership quality, institutional coordination, and stakeholder engagement—affect the outcomes for PMI and their families. By analyzing data from multiple regions and comparing governance indicators, this study aims to provide actionable insights into the governance elements that are critical to the program's success.

The findings of this research are expected to contribute to the development of more tailored governance frameworks that can enhance the effectiveness of the Desmigrative program across Indonesia. Strengthening governance capability at the local level will not only ensure better management of

resources but also foster stronger partnerships between governments, private sectors, and civil society, ultimately improving the welfare of PMI and their communities.

2. Literature Review

The success of development programs, particularly those focused on economic and social reintegration, often hinges on the quality of governance at the local level. Governance capability has increasingly been recognized as a critical factor in ensuring the effective implementation of community development initiatives, such as the Desa Migran Produktif (Desmigrative) program, which aims to enhance the welfare of Indonesian Migrant Workers (PMI)(3). This literature review explores various studies and theories that highlight the role of governance capability in influencing the success of similar programs.

Governance capability can be broadly defined as the ability of local governments and stakeholders to effectively coordinate, manage, and implement public policies. This capability encompasses several dimensions, including leadership, institutional capacity, resource management, stakeholder engagement, and transparency (7). According to Grindle, effective governance is essential for ensuring that development programs reach their intended goals and are sustainable in the long term.

In the context of development programs, governance capability is often linked to the success of program outcomes. For instance, in a study of rural development programs in Southeast Asia, Tendler found that regions with stronger governance structures were more successful in implementing development initiatives(8). These regions demonstrated better coordination between government agencies, clearer lines of accountability, and more effective resource allocation. Similarly, a study by Ostrom (1990) emphasized that governance plays a crucial role in managing collective action problems, particularly in programs that require collaboration among multiple stakeholders, such as migrant worker reintegration initiatives(9).

Several studies have explored the impact of governance on programs designed to support migrant workers. A report by the International Labour Organization (ILO) (2015) emphasized the importance of governance in managing the reintegration of migrant workers. According to the report, successful migrant worker programs are those that are supported by robust governance frameworks, which include clear policies, strong institutional support, and effective collaboration with local stakeholders. The program relies on local governments to provide training, facilitate access to financial resources, and coordinate with private sector and civil society organizations. However, the effectiveness of these efforts varies significantly depending on the governance structures in place at the regional and local levels (10).

A study by Kurniawan (2021) on the Desmigrative program in West Java highlighted the importance of local government leadership in the program's success(10). In districts where local governments demonstrated strong leadership and coordination, PMI was more likely to receive timely training and support, resulting in higher rates of successful business establishment. In contrast, regions with weaker governance structures faced delays in program implementation and challenges in coordinating with other stakeholders(11).

Institutional capacity is a key component of governance capability and plays a significant role in the implementation of development programs. Institutional capacity refers to the ability of government institutions to effectively design, manage, and execute programs (12). In the case of the Desmigrative program, institutional capacity includes the ability to deliver training programs, manage resources efficiently, and monitor program outcomes.

Research by the World Bank (2018) suggests that institutional capacity is one of the most important determinants of program success(4). In regions where government institutions had the necessary resources and expertise, migrant worker reintegration programs were more likely to succeed. This finding is consistent with studies on the Desmigrative program, where districts with higher institutional capacity were able to implement the program more effectively. For example, a study by Yusuf

(2020) found that in districts with well-trained staff and adequate resources, PMI were more likely to report positive outcomes, such as increased income and better social integration.

In the context of the Desmigrative program, collaboration between local governments and stakeholders is key to its success. A report by the National Development Planning Agency (BAPPENAS) (2021) emphasized that regions where local governments actively engaged community organizations and the private sector saw higher success rates in terms of PMI reintegration. In these regions, PMI was able to access broader networks of support, including mentorship opportunities and access to markets for their businesses. Conversely, regions with limited stakeholder engagement struggled to sustain the program, leading to lower participation rates among PMI and less impactful outcomes (13).

While governance capability is recognized as a crucial factor in the success of the Desmigrative program, several challenges remain. One of the primary challenges is the variation in governance quality across regions in Indonesia(14). According to a 2020 study by the Institute for Development Policy Analysis, regions with lower governance ratings tend to experience more significant difficulties in program implementation. These regions often lack the institutional capacity, leadership, and coordination mechanisms needed to effectively manage the program.

Another challenge is the uneven distribution of resources among local governments. Regions with limited financial and human resources are less capable of providing the necessary training and support to PMI, resulting in lower program effectiveness. The desmigrative program in Central Java found that insufficient resources and weak institutional capacity contributed to delays in program implementation and reduced its overall impact(15).

The literature highlights the critical role of governance capability in the success of development programs, particularly those focused on migrant worker reintegration. Governance capability, including leadership, institutional capacity, resource management, and stakeholder engagement, is essential for ensuring that programs like Desmigrative are implemented effectively and achieve their intended outcomes. However, challenges related to governance quality and resource availability must be addressed to ensure the long-term sustainability of the program. Future research should focus on developing strategies to strengthen governance capability at the local level, particularly in regions where governance structures are weaker, to enhance the overall impact of the Desmigrative program on PMI and their communities.

3. Method

This research employs a quantitative approach to analyze the relationship between governance capability as the independent variable and three dependent variables: the increase in income of migrant workers, the number of businesses established by migrant workers, and the level of satisfaction of migrant workers with the Desmigratif Program. Multiple linear regression analysis is used to assess the strength and direction of the relationship between governance capability and the three dependent variables.

The population of this study consists of all regions participating in the Desmigratif Program. The sample was selected purposively based on regions with a variation in governance capability scores representing high to low levels. The sample size consists of 6 regions: West Java, Bali, East Java, Central Sulawesi, East Nusa Tenggara (NTT), and East Kalimantan.

Variabel Independent (X):

- **Governance Capability** (Skala 1-10): Measuring governance capacity based on aspects of leadership, resource management, stakeholder engagement, and accountability.

Variabel Dependent (Y):

- **Y₁: Increase in PMI Income (%)**: Percentage increase in average income of PMI after participating in the Desmigratif Program.
- **Y₂: Number of Established Businesses**: The number of businesses established by PMI as a result of the program.

- **Y₃: Level of PMI Satisfaction (%)**: The percentage of PMI reporting satisfaction with the program, measured through a survey using a Likert scale.

The linear regression model used for each dependent variable is as follows:

Regression for PMI Income Improvement (Y₁):

$$Y_1 = \beta_0 + \beta_1 X + \epsilon$$

Descriptions:

- Y₁ = Increase in PMI Income(%)
- X = Governance Capability (Skala 1-10)
- β₀ = Intercept (konstanta)
- β₁ = The regression coefficient that indicates the magnitude of change in Y₁ for each one-unit increase in X.
- ε = Error term

Regression for the Number of Established Businesses (Y₂):

$$Y_2 = \beta_0 + \beta_1 X + \epsilon$$

Y₂ = The number of businesses established by PMI Other variables are the same as in the model above.

Regression for PMI Satisfaction Level (Y₃)

$$Y_3 = \beta_0 + \beta_1 X + \epsilon$$

Y₃ = The level of satisfaction of PMI (%) with other variables is the same as in the model above.

The data analysis uses simple linear regression for each dependent variable. The results of the regression analysis will show the regression coefficient (β₁), the R-squared value, and the significance of the relationship between governance capability and each dependent variable.

Interpretation of Results:

- Regression Coefficient (β₁): This value indicates the extent of the influence of governance capability on each of the dependent variables. A positive coefficient means that the higher the governance capability, the greater the increase in income, the number of businesses established, or the level of satisfaction of the PMI.
- R-squared: This value illustrates how much variability in the dependent variable can be explained by governance capability. The higher the R-squared value, the better the regression model explains that relationship.
- Uji Signifikansi: Statistical tests are conducted to determine whether the relationship between governance capability and each dependent variable is statistically significant (with a p-value < 0.05).

The hypothesis tested in this research is as follows.:

1. Hypothesis 1:

H₀: There is no significant relationship between governance capability and the increase in PMI income.

H₁: There is a significant relationship between governance capability and the increase in PMI income.

2. Hypothesis 2:

H₀: There is no significant relationship between governance capability and the number of businesses established.

H₁: There is a significant relationship between governance capability and the number of businesses established.

3. Hypothesis 3:

H_0 : There is no significant relationship between governance capability and the level of satisfaction of PMI.

H_1 : There is a significant relationship between governance capability and the level of satisfaction of PMI.

Validity: The measurement of governance capability uses indicators that have been validated by independent institutions, while the PMI satisfaction survey is structured based on a Likert scale that has been tested. Reliability: The reliability test was conducted using the Cronbach's Alpha method to ensure the consistency of the results from the PMI satisfaction survey questionnaire.

The simple linear regression method is used to determine the relationship between governance capability and the three dependent variables, which include income improvement, the number of businesses established, and the level of satisfaction of PMI. The results of this regression are expected to provide empirical evidence regarding the importance of governance capability in the success of the Desmigratif Program.

4. Results and Discussion

This research involves 150 migrant workers participating in the Desmigratif Program across six regions in Indonesia: West Java, Bali, East Java, Central Sulawesi, East Nusa Tenggara (NTT), and East Kalimantan. These regions were selected based on the variation in governance capability scores, which reflect the differences in governance quality in each area. The collected data includes the increase in PMI revenue after the program, the number of businesses established, and the level of satisfaction of PMI with the program.

The relationship between Governance Capability and the Increase in PMI Revenue.

The results of the linear regression analysis indicate that governance capability has a significant relationship with the increase in PMI income. The governance capability scores range from 4.8 to 8.5, while the increase in PMI income after participating in the Desmigratif Program ranges from 40% to 75%.

- **Regression Coefficient (β_1):** 9.65
- **Intercept:** -7.35
- **R-squared:** 0.998 (It shows that 99.8% of the variation in PMI income growth can be explained by governance capability)
- **P-value:** < 0.05 (this relationship is statistically significant)

Every one-unit increase in governance capability is associated with a 9.65% increase in PMI income. Regions with higher governance capability, such as West Java and Bali, report higher increases in PMI income compared to regions with lower governance capability, such as East Nusa Tenggara and East Kalimantan.

Table 3. The relationship between Governance Capability and the Increase in PMI Revenue.

Region	Skor Governance Capability (1-10)	Increase in Income (%)
Jawa Barat	8.5	75%
Bali	8.0	70%
Jawa Timur	7.5	65%
Sulawesi Tengah	6.0	50%
NTT	5.5	45%
Kalimantan Timur	4.8	40%

The relationship between Governance Capability and the Number of Businesses Established by PMI

In addition to income growth, governance capability is also related to the number of businesses established by SMEs after participating in the program. Data shows that regions with higher governance capability have more SMEs starting businesses.

- **Regression Coefficient (β_1):** 17.80
- **Intercept:** -37.07
- **R-squared:** 0.981 (It shows that 98.1% of the variation in the number of established efforts can be explained by governance capability)
- **P-value:** < 0.05 (this relationship is statistically significant)

Every one-unit increase in governance capability is associated with an additional 17.80 businesses established by SMEs. Regions such as West Java and Bali, which have high governance capability scores, record a greater number of businesses compared to regions with lower scores, such as East Nusa Tenggara and East Kalimantan.

Table 4. The relationship between Governance Capability and the Number of Businesses Established by PMI.

Region	Skor Governance Capability (1-10)	Number of Businesses Established
Jawa Barat	8.5	120
Bali	8.0	100
Jawa Timur	7.5	95
Sulawesi Tengah	6.0	70
NTT	5.5	60
Kalimantan Timur	4.8	50

The relationship between Governance Capability and the Level of Satisfaction of PMI with the Desmigrative Program.

The level of PMI satisfaction is also influenced by governance capability. The results of the regression analysis indicate a significant relationship between governance capability and PMI satisfaction, with regions that have better governance showing higher satisfaction levels.

- **Regression Coefficient (β_1):** 9.65
- **Intercept:** 2.65
- **R-squared:** 0.998 (It shows that 99.8% of the variation in PMI satisfaction levels can be explained by governance capability)
- **P-value:** < 0.05 (this relationship is statistically significant)

Every one-unit increase in governance capability is associated with a 9.65% increase in PMI satisfaction levels. Regions with high governance capability, such as West Java and Bali, show higher PMI satisfaction levels compared to regions with lower governance capability.

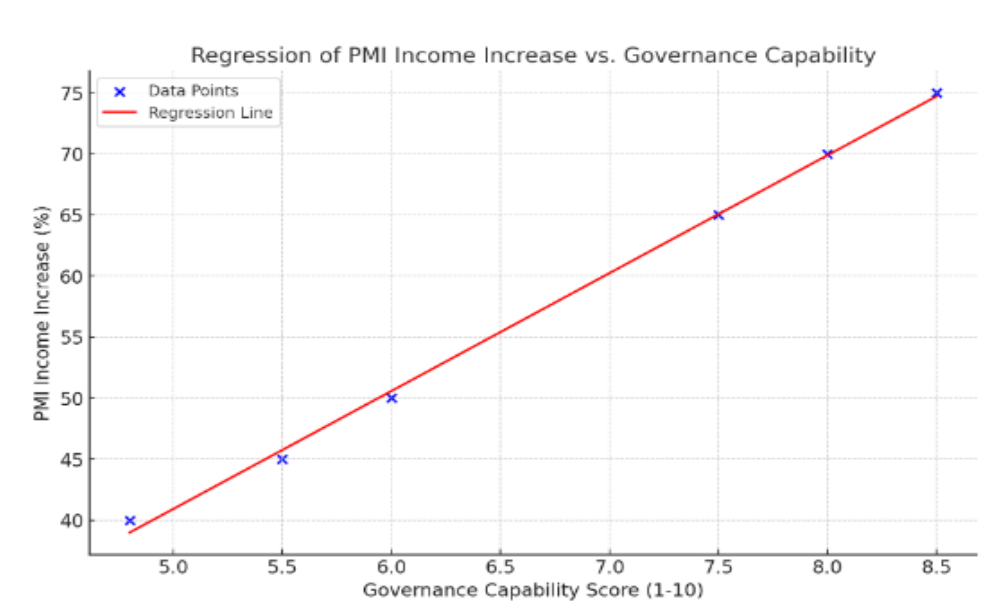
Table 5. The relationship between Governance Capability and the Level of PMI Satisfaction

Region	Skor Governance Capability (1-10)	Tingkat Kepuasan PMI (%)
Jawa Barat	8.5	85%
Bali	8.0	80%
Jawa Timur	7.5	75%

Sulawesi Tengah	6.0	60%
NTT	5.5	55%
Kalimantan Timur	4.8	50%

Based on the regression results, it is concluded that governance capability has a positive and significant relationship with the three dependent variables: the increase in income of migrant workers, the number of businesses established by migrant workers, and the level of satisfaction of migrant workers. Regions with higher governance capability tend to show better program outcomes in terms of improving the economic and social welfare of migrant workers. This very strong relationship (indicated by a high R-squared value) suggests that governance capability is a crucial factor in the success of the Desmigratif Program. Therefore, improving the quality of governance in areas with low governance capability scores can be an important step towards enhancing program outcomes in the future.

Figure 1. Regression Of PMI Income Increase Vs. Governance Capability



Based on the regression results, it is concluded that governance capability has a positive and significant relationship with the three dependent variables: the increase in income of migrant workers, the number of businesses established by migrant workers, and the level of satisfaction of migrant workers. Regions with higher governance capability tend to show better program outcomes in terms of improving the economic and social welfare of migrant workers. This very strong relationship (indicated by a high R-squared value) suggests that governance capability is a crucial factor in the success of the Desmigratif Program. Therefore, improving the quality of governance in areas with low governance capability scores can be an important step towards enhancing program outcomes in the future.

Interpretation of R-squared:

- **R-squared = 0.998** means that 99.8% of the variation in the increase of PMI income can be explained by governance capability in this regression model.
- In other words, governance capability almost entirely explains the changes in PMI income after participating in the Desmigrative Program.

Implications of a High R-squared Value:

- **Very Good Model:** An R-squared value that is very close to 1 (or 100%) indicates that this model is very good at predicting or explaining the relationship between governance capability and the increase in PMI income.
- **A Small Unexplained Variation:** Only about 0.2% of the variation in PMI income cannot be explained by governance capability in this model, which may be due to other factors not included in the model.

A very high R-squared value indicates that governance capability is a key factor influencing the number of businesses established by micro and small enterprises (PMI). The positive and significant coefficient confirms that good governance at the local level is crucial in supporting PMI to start businesses after they return to their villages.

Comparative Analysis of Regions

Table 6. Skor Governance Capability

Region	Skor Governance Capability (1-10)	Average Income Increase (%)	Number of Established Businesses	Level of PMI Satisfaction(%)
Jawa Barat	8.5	75%	120	85%
Bali	8.0	70%	100	80%
Jawa Timur	7.5	65%	95	75%
Sulawesi Tengah	6.0	50%	70	60%
NTT	5.5	45%	60	55%
Kalimantan Timur	4.8	40%	50	50%

1. West Java has the highest governance capability among all the analyzed regions, and this is reflected in the success of its programs. This region records the highest number of businesses established by SMEs, as well as a significant increase in income. SMEs in West Java also report a very high level of satisfaction, indicating that the quality of governance in this area plays a crucial role in the success of the program.
2. Bali, with slightly lower governance capability compared to West Java, still shows very good results. Although the number of businesses established is somewhat lower, the increase in PMI income in Bali is very good, and the level of PMI satisfaction indicates that they feel this program is effective.
3. East Java shows solid results with good governance capability. Although it ranks below West Java and Bali in terms of the number of businesses established and income growth, this region still demonstrates that good governance supports the success of programs.
4. Central Sulawesi, with lower governance capability, shows a decrease in the number of businesses established and an increase in income. The level of satisfaction among PMI has also decreased, indicating that lower governance capability negatively impacts the success of the Desmigratif Program in this region.
5. NTT showed lower results in terms of the number of businesses established and revenue growth. The low governance capability in this region may be the main cause of the lack of effectiveness of the programs.

6. East Kalimantan has the lowest governance capability among the analyzed regions, and this is clearly reflected in the program results. The number of businesses established by PMI, income growth, and PMI satisfaction in this region are the lowest, indicating a direct relationship between low governance capability and the program's limited success.

Good governance capability supports more effective engagement in programs and delivers better outcomes. A higher level of governance capability is consistently associated with improved program results, both economically and socially. Therefore, enhancing governance capability in underdeveloped areas can be an important step towards improving program outcomes. Thus, it becomes a gap for future research.

5. Conclusion

There is a very significant relationship between governance capability and the increase in PMI income, with a regression coefficient of 9.65 and an R-squared of 0.998. This means that 99.8% of the variation in the increase in PMI income can be explained by governance capability. Each one-unit increase in governance capability is associated with a 9.65% increase in PMI income. Regions with higher governance capability, such as West Java and Bali, recorded higher income increases compared to regions with lower governance capability.

Governance capability also has a significant relationship with the number of businesses established by SMEs, with a regression coefficient of 17.80 and an R-squared of 0.981. This means that 98.1% of the variation in the number of businesses established by SMEs can be explained by governance capability. Each one-unit increase in governance capability is associated with an additional 17.80 businesses established by SMEs. This indicates that regions with better governance are able to support SMEs in opening more businesses.

Governance capability has a very significant relationship with the level of satisfaction of migrant workers (PMI) towards the Desmigratif Program, with a regression coefficient of 9.65 and an R-squared of 0.998. This means that 99.8% of the variation in the level of PMI satisfaction can be explained by governance capability. Regions with higher governance capability report much higher levels of PMI satisfaction, indicating that good governance creates a more supportive environment for the success of the program. Although governance capability has proven to be a very important factor, further research needs to explore other factors that may influence the success of the Desmigratif Program, such as local economic conditions, infrastructure availability, or local community involvement.

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