The Effect of Good Governance and Accrual Accounting on Apparatus Behavior with Supporting Devices as Moderators

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Abstract: The purpose of this study was to determine the effect of good governance and to accrual accounting behavior by device support apparatus as moderators. The population of Palembang government there are 23 department of state level, using saturation sampling technique. The data are processed in the form of primary data collected from respondents' answers on questionnaires returned. The results showed that partially variable accrual accounting significant positive effect on the behavior of the apparatus. Meanwhile, the good governance and the device does not significantly influence the behavior of the apparatus. Simultaneously, good governance, accrual accounting and supporting devices jointly significant effect on the behavior of the apparatus. Furthermore, the device is capable of supporting moderate the relationship between good governance and accrual accounting to the apparatus behavior. Third force independent variable in explaining the behavior of the apparatus is 96.4%, meaning that the apparatus behavior is also influenced by other factors by 3.6%, which is not included in this study.

1 INTRODUCTION

The issue regarding the behavior of government employees is very much in the public spotlight at this time, because it has not shown good results felt by the people. The people demand that the government can manage and carry out the duties of the government well, so that it can have an impact on the welfare of the community.

When highlighting the behavior of the apparatus in Indonesia, the community paradigm is never separated from the negative stigma of corruption, including Palembang, the capital of South Sumatra Province. Some of the rampant corruption cases involving officials in the Palembang city government include: Plastic Bag Corruption of the City of Sanitation and Beauty Service (palembang.tribunnews.com); Tax Corruption Rp 2.1 M by the Palembang City Dispenda Investigation Section Head (https://m.detik.com); Corruption of Financial Allocation Funds that surrounds the Disdikpora of Palembang (www.kabarrakyatsumsel.com)

One of the things that affects the behavior of the apparatus is the application of the principles of good governance in carrying out the duties of the apparatus. The absence of transparency in budget management will support indications of corruption. Whereas in terms of financial management that are closely related to the government accounting system, the behavior of those who like corruption can be influenced by the lack of transparency in the operational picture of the government formed from the accounting system.

The accounting system in Indonesia is currently running from a cash basis to accruals. The lack of transparency in the description of government operations can occur because Palembang has not fully implemented the principles of good governance and accrual-based accounting systems. This is then in line with the research of Khan and Mayes (2009) which argues that accrual accounting can help produce behavior changes for budget decision makers and leaders. Thus, the application of full accrual accounting in the city of Palembang is expected to create government financial transparency so that it can minimize the opportunity for officials to commit acts of corruption.

2 LITERATURE REVIEW AND HYPOTHESIS DEVELOPMENT

2.1 Good Governance

The World Bank in (LAN & BPKP, 2000) provides a definition of governance as: "the way state power is used in managing economic and social resources for development of society". The World Bank defines good governance as a solid and accountable development management in line with the principles of democracy and efficient markets, avoidance of misallocation of investment funds, and prevention of corruption both politically and administratively, running budget discipline and creating legal and political framework for growth business activity (Martini, Sari, & Wardhani, 2015).

2.2 Accrual Accounting

According to PP 71 of 2010 Accrual basis is the accounting basis where economic transactions or accounting events are recognized, recorded and presented in the financial statements at the time of the transaction, regardless of the time the cash was received or paid.

Simanjuntak (2010) mentions constraints that add to the dilemma of implementing public sector accruals, namely: Accounting and IT Based System. Seeing the complexity of the implementation of accrual-based accounting, it can be ascertained that the application of accrual-based accounting in the government environment requires a more complicated accounting system and IT based system.

2.3 Supporting Devices

Based on Government Regulation No. 71 Year 2010 concerning SAP, the Government Accounting System is a series of manual and computerized procedures ranging from data collection to recording, summarizing and reporting financial position and government financial operations. For this reason, information technology is needed to help the government accounting system to run smoothly.

2.4 Apparatus Behavior

Behavior is the accreditation and attitude of a State Civil Apparatus (ASN) in the face of a condition that is carried out in their duties. The apparatus must obey the rules stipulated in the execution of work. Responsibility is the ability of the apparatus to fulfill

the work that is given to him. The willingness to create good governance must be the guideline of the state apparatus.

3 RESEARCH METHODOLOGY

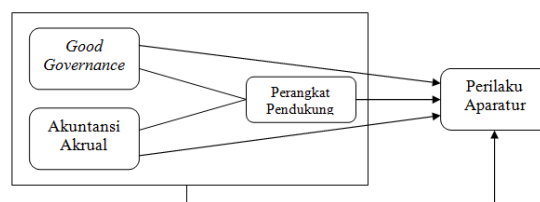The thinking framework in this study can be described as Figure 1.

Figure 1: The thinking framework

The research hypothesis are:

H1: Good governance affects the behavior of the apparatus

H2: Accrual accounting affects the behavior of the apparatus

H3: Supporting devices have an effect on apparatus behavior

H4: Good governance, accrual accounting, and supporting devices affect the apparatus behavior simultaneously

H5: Supporting tools moderate the relationship between good governance and apparatus behavior

H6: Supporting devices moderate the relationship between accrual auntansi on apparatus behavior

3.1 Types and Objects of Research

The research was conducted in the Government of Palembang city, South Sumatra Province. The population in this study is the government of the city of Palembang, South Sumatra Province, amounting to 23 OPD. In this study the sample was determined by saturated sampling technique given the relatively small population.

3.2 Data Retrieval Techniques

Data collection techniques were carried out by questionnaire (questionnaire) method, namely by giving a set of questions or written statements to

respondents. The questionnaire is given in the form of a closed statement so that the respondent just chooses the answer option that is considered the most appropriate.

3.3 Variable Operational Definition

3.3.1 Good Governance

It is good governance that governs government and a synergistic and constructive relationship between the state, economy and politics that is carried out by complying with the principles of good governance and aims to create public welfare (Martini, Sari, & Wardhani, 2015).

These variable indicators are participation, legal certainty, transparency, responsiveness, consensus orientation, equality, efficient and effective, accountability, and strategic vision.

3.3.2 Accrual Accounting

Is the basis used in government, where economic transactions or accounting events are recognized, recorded and presented in the financial statements at the time of the transaction regardless of time. The indicator used is revenue recognition, cost recognition, recognition of assets, recognition of debt and equity recognition.

3.3.3 Supporting Devices

Is a component contained in a computer in the form of hardware, software, as well as users (brainware) as the compilers of local government financial statements that become one entity that cannot be separated and has a binding role, the indicator used is hardware, software, and brainware.

3.3.4 Apparatus Behavior

Is the accreditation and attitude of a person in dealing with a condition that is carried out in his duties. The indicators used are discipline, integrity, politeness, and exceptions.

3.4 Data Analysis Technique

The direct relations between independent and dependent variables, there is a possibility that they can be influenced by other variables that are not included in the statistical model, namely the term moderating or moderating variables. The equation model used in this research is:

$$PA = \alpha + \beta_1 GG + \beta_2 AA + \beta_3 PP + \beta_4 GG * PP + \beta_5 AA * PP + e$$

Where :

A   : Constants
β : Regression Coefficients
e   : error
GG   : Good governance
A A   : Accrual Accounting
PP   : Device Support
GG * PP : interaction with devices supporting good governance
AA * PP : accrual accounting interaction with a supporting device

4 RESULT AND DISCUSSION

4.1 Result

4.1.1 Multiple Linear Regression Analysis

The results of the regression analysis above then obtained the following equation:
$$PA = 4.03 + 0.13GG + 0.31AA - 0.15PP - 0.01GG * PP - 0.016 AA * PP + e$$

4.1.2 Hypothesis Testing

Simultaneous Test (F Test). H4: the results of the ANOVA test or F-test showed F-count of 265.609 with a significance level of 0.000, while F table is 2.77 to 0.05 significancei level.

Based on these results it can be deduced that Ha is acceptable and H0 is rejected in other words good governance, accrual accounting and supporting devices simultaneously influence the behavior of the apparatus.

Partial Test. The magnitude of the variable t for good governance is 1.358 with a significant level of 0181 while the value Ttable is 1.67 so that t < t-table that is equal to 1.358 < 1.67 then partially good governance does not affect the behavior of the apparatus. As well as to a significant degree in this study indicates the number of > 0.05 or 0.181 > 0.05, then H1 is rejected, meaning that good governance does not significantly influence the behavior of the apparatus.

The magnitude of the variable t to accrual accounting is a significant level of 2.577 with 0.013

while ttable value is 1.67 so that t > t-table that is equal to 2.577 > 1.67 then the partial accrual accounting positive influence on the behavior of the apparatus. as well as to a significant degree in this study indicates the number < 0.05 or 0.013 < 0.05 then the H2 can be accepted, meaning that accrual accounting significantly influence the behavior of the apparatus.

The magnitude of the variable t to support device is -1.401 with a significant level of 0.167 while ttable value is 1.67 so that t < t table that is equal to -1.401 < 1.67 then partially supporting devices not negatively affect the behavior of the apparatus. As well as to a significant degree indicates the number of > 0.05 or 0.167 > 0.05 then the H3 is rejected, meaning that the device does not support a significant

The device can support moderate the relationship between good governance of the behavior of the apparatus, it can be seen from the value of t > t table and has a negative value that is equal to -3.018 > 1.67, as well as to a significant degree in this study indicates the number < 0.05 is 0.04 < 0.05 then the H5 accepted, it means supporting devices able to moderate the relationship between good governance of the behavior of the apparatus.

The device can support moderate the relationship between the accrual of the behavior of the apparatus, it can be seen from the value of t > t table and has a negative value that is equal to -2.379 > 1.67, as well as to a significant degree in this study indicates the number < 0.05 is equal to 0.021 < 0.05 then the H6 accepted, it means supporting devices able to moderate the relationship between the accrual of the behavior of the apparatus.

Test results show that the variables of good governance, accrual accounting and supporting devices can only explain the behavior variable of the apparatus at 96.3%. While the remaining 3.7% is explained by other factors not included in this research model.

H5 is accepted, meaning that the supporting device is able to moderate the relationship between good governance on the behavior of the apparatus. H6 is accepted, meaning that the supporting device is able to moderate the relationship between accrual accounting to the behavior of the apparatus.

4.2 Discussion

4.2.1 The Effect of Good Governance on the Behavior of the Apparatus

This hypothesis is rejected because it is based on the testing, the value of the variable t good governance is smaller than t-table value that is equal to 1.358 < 1.67 significance level is greater than the value of α = 5% (0.181 > 0.05). It can be concluded H0 and H1 rejected. In other words, good governance does not affect the behavior of the apparatus.

According (Yanwariyanidwi, 2015), when seen from the progress of reform that has been running for 12 years, the application of good governance in Indonesia can not be said to succeed fully in accordance with the ideals of the previous reforms. There are still many fraud and leakage of budget management and accounting are the two main products of good governance.

Palembang still heard cases of corruption involving government employees who worked for the city of Palembang. This indicates that the Palembang city government has yet to implement the principles of governance goof so they raised the cases of corruption and showing good behavior of the apparatus.

4.2.2 The Effect of Accrual Accounting on the Behavior of the Apparatus

This hypothesis is accepted because it is based on the testing, the value of the variable t accrual is greater than the value that is equal to 2,577 t table > 1.67 with a significance level of less than the value of α = 5% (0.013 < 0.05). Therefore we can conclude H2 H0 rejected and accepted.

In other words, accrual accounting have an influence on the behavior of the apparatus. The higher understanding about accrual accounting personnel, the better the behavior of personnel in managing local government finances. The results are consistent with research (Sarwenda and Dina, 2015) which states that the accrual accounting effect on the behavior of the apparatus.

4.2.3 The Effect of Supporting Devices on the Behavior of the Apparatus

This hypothesis is rejected because it is based on the testing, the value of the variable t support device is smaller than ttable value that is equal to -1.401 < 1.67 significance level is greater than the value of α = 5% (0.167 > 0.05). It can be concluded H0 and H3

rejected. In other words, the supporting device has no influence on the apparatus.

The device in the form of hardware and software support have an influence on the behavior of the apparatus, just not directly. Supporting devices requires a more important component in order to operate, such as brain-ware (users), the contribution is very large in the supporting device utilization.

4.2.4 the Effect of Good Governance, Accrual Accounting and Supporting Tools on the Behavior of the Apparatus

In addition to seeing the effect of each variable partially to the apparatus behavior, researchers also tested the effect of good governance, accrual accounting and supporting devices on the behavior of the apparatus to the apparatus behavior simultaneously.

Based on these results, good governance, accrual accounting and supporting devices simultaneously positive effect on the behavior of government officials in the province of South Sumatra of Palembang. This is evidenced by the value of F has a value greater than F-tabel amounting to $265.609 > 2.77$ with a significant level of less than 0.05 is equal to 0.000.

Thus, it can be concluded that the H4 is accepted. The results of this hypothesis illustrates that the higher the implementation of good governance, accrual accounting.

4.2.5 Supporting Devices Moderate the Relation between Good Governance and the Behavior of the Apparatus

This hypothesis is accepted because the device supporting moderate the relationship between good governance of the behavior of the apparatus has a value of t negative and greater than the value that is equal to -3.018 t-table > 1.67, and have a significantly smaller value of 0.05 is $0.04 < 0.05$.

It can be concluded that the support device is able to moderate the relationship between good governance of the behavior of the apparatus. Collaboration between good governance and supporting devices can affect the behavior of the apparatus.

4.2.6 The Supporting Tool Moderates the Relation between Accrual Accounting to the Behavior of the Apparatus

This hypothesis is accepted as a supporting device moderating the relationship between the accrual of the behavior of the apparatus has a value of t negative and greater than the value that is equal to -2.379 t-table > 1.67, and have a significantly smaller value of 0.05 is $0.021 < 0.05$.

It can be concluded that the support device is able to moderate the relationship between the accrual of the behavior of the apparatus. Collaboration between accrual accounting and supporting devices can affect the behavior of the apparatus

5 CONCLUSION

Partially, the good governance does not affect the apparatus behavior, the accrual accounting has a significant positive effect on apparatus behavior and the supporting device variable does not affect the apparatus behavior. Simultaneously, the good governance, accrual accounting, and supporting devices have a significant positive effect on apparatus behavior.

Supporting devices are able to moderate the relationship between good governance and apparatus behavior and are able to moderate the relationship between accrual accounting on apparatus behavior.

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REFERENCES

Halim, A & Kasufi, M S. 2012. *Public sektor accounting: regional financial accounting*. Fourth Edition. Jakarta: Salemba Empat

http://www.bappenas.go.id/get-file-server/node/6167//.

http://www.dpr.go.id/dksetjen

International Public Sector Accounting Standards (IPSAS) Board (IFAC, 2003)

Government Regulation Number 24 of 2005 concerning Government Accounting Standards

Government Regulation Number 71 of 2010 concerning Government Accounting Standards

Keban, Y T. 2012. Towards a good government management system. *Diklatpim I Force XXIII LAN RI*, 30 September 2011.

LAN & BPKP. 2000. *Accountability and good governance*. Jakarta: State Administration Agency.

Mardiasmo. 2006. Realization of public transparency and accountability through public sector accounting: a means of good governance. *Government Accounting Journal.* 2 (1).

Martini, R., Sari, K. R., & Wardhani, R. S. (2015). Analisis Penerapan Good University Governance Melalui Efektivitas Pengendalian Intern dan Komitmen Organisasional. *Simposium Nasional Akuntansi 18.* Medan: Ikatan Akuntan Indonesia.

Nofianti, LEny and Novie. 2014. Factors Affecting Implementation of good goverment governance (GGG) and their implications towards performance accountability. *Procedia Social and Behavioral Sciences*.

Widjajarso, B & Widjajarso, B. *Journal*, http://sutaryofe.staff.uns.ac.id