

**HOW CORPORATE GOVERNANCE AND CSR DISCLOSURE AFFECT THE
PERFORMANCE OF COMMERCIAL BANKS
IN INDONESIA**

ARTICLE

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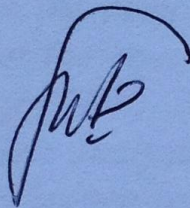
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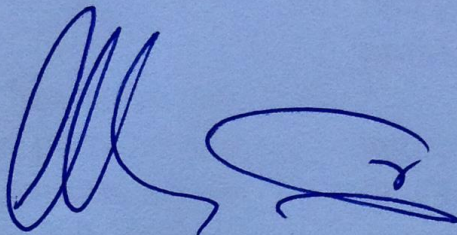
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HOW CORPORATE GOVERNANCE AND CSR DISCLOSURE AFFECT THE PERFORMANCE OF COMMERCIAL BANKS IN INDONESIA

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Abstract:

Corporate governance has become one of the most important parts in business recently. The term of governance in this case is not new. Such term has been widely discussed over and over. Therefore, analysis and development concerning corporate governance has been done by some researchers since several decades ago. For example, it has been shown that good governance is effective in protecting stakeholder's interests and the effects of corporate governance on firm's performance have also been widely discussed. Another crucial part in most of business strategy is Corporate Social Responsibility, as it has also been the new business paradigm. This is due to the benefits that companies feel by implementing CSR within their businesses. In this attempt, this study aims to examine the effect of corporate governance, represented by managerial ownership structure and size of board of commissioners /BOC, and CSR expenditures disclosure on the performance of bank. In this study, Commercial Banks in Indonesia stand as the object of the study. We measure the bank's performance by Return on Assets (ROA), Return on Equity (ROE), Net Interest Margin (NIM), and Operating Efficiency Ratio (OER). By using regression analysis, this study provides finding that managerial share-ownership has no significant influence on bank performance. Meanwhile, BOC size and CSR disclosure is proven to have a positive significant effect on bank performance.

Keywords: *Corporate governance, managerial ownership, board's size, CSR, performance*

Introduction

Corporate governance has been one of the most important business parts in this recent era. The existence of governance is not new; in fact it has been widely talked, analyzed, and developed for many decades. Governance itself is the configuration and operation of a corporation in relation to its stakeholders (Erik Banks, 2004). The application of governance in a corporation has been a strong focus for public, especially the corporation's stakeholders as it has a great impact to them. It has been shown that good governance is effective in protecting stakeholder's interests. In the other hand,

bad governance can cause to a wide range of problems.

Corporate governance, for its purposes as a mechanism for the corporate runs the business, has many aspects in it and according to Bank Indonesia regulation no. 14/08/2006 dated October 5, 2006, there are five basic principles of Good Corporate Governance (GCG). These five principles are transparency, accountability, responsibility, independency, and fairness. The governance aspects distribute rights and responsibilities of many participants in the corporation and enlighten the rules and procedures in decision-makings in the corporation (Banks, 2004). The aspects

covered in the governance spans from ownership structure, board of director size, operations, to social activities funding.

In ownership structure, there is a possibility of what is so named as agency theory to take place. According Jensen and Meckling (1976), agency theory explains that one personnel would put his or her best interest at the top of the list. This list of priorities determines the performance of one personnel within the company. However, one individual might have different set of priorities from the other. Jensen and Meckling added that this difference of interest between parties would trigger conflicts. This conflict or problem is what also known as agency cost. By applying good governance, the agency problem will be less complicated (Jensen and Meckling, 1976).

Good system of monitoring has a great role in aligning the gaps between the principals' interest and the agent. This means that effective corporate governance increase the probability that managers invest in profitable projects (Shleifer and Vishny, 1997). Some of the good governance that one company can apply includes giving incentive to the agent, having good system of monitoring to its agent, and setting a good management share ownership. This paper will further elaborate the last one: management share ownership. Management share-ownership will ensure managers to undertake strategies that will increase firm performance (Hutchinson and Gul 2003).

Another aspect in corporate governance, which also takes part in the corporate governance's reporting, is the size of the corporate board of director or in this case, we use board of commissioner, one part that every public company must have. The number of boards' member determines the size of the board itself. These members are responsible in making decisions on

major company issues, representing the stockholders.

Several studies have been conducted regarding to the effects of board of director (BOD) size as a governance mechanism on the performance of firms and have resulted various outcomes. Some researchers like Lipton & Lorsch (1992) and Jensen (1993) found that smaller size of boards are more effective than larger ones. However some other researches with otherwise results have also been conducted. Yermack (1996) found that smaller boards bring higher firm value. While Hermalin & Weisbach (2001), in his research, stated that board composition has no relation to corporate performance and size of BOD is negatively related to corporate performance. These previous researches have, by far, produced mixed results.

One last aspect of corporate activity discussed in this article is the social aspect of its corporation. In bank industry, any corporate expenditure in regard to fulfill its CSR is disclosed to public along with the corporate governance report. This is in order to fulfill transparency principle to all stakeholder groups on how the corporation spends their fund for CSR. This disclosure comes as a means of understanding and tracking CSR impacts, through creating good dialogue with stakeholders of a company and an effective CSR disclosure is intended to improve stakeholder-related performance (Bayoud, Kavanagh, and Slaughter, 2012). However, not all companies reveal their spending toward this field of activity at the same level. There are still some of the players in the market, which do not disclose their detail of CSR expenses in their annual governance report.

Therefore, the author intends to choose the title "How Corporate Governance Affects the Performance of Commercial Banks in Indonesia" to further investigate about the direct impact of

corporate governance, through its two aspects mentioned above, and CSR disclosure toward the performance of the company itself. In this study, Commercial Banks in Indonesia stand as the subject of research

Theoretical Framework and Hypothesis

Corporate Governance and Bank Performance

Corporate governance, under this study, is represented with two aspects: ownership structure and board size. Firstly, the ownership structure is often interpreted as the distribution of equity among stockholders. These structures play great role in corporate governance as they regulate the incentives of managers and therewith the economic efficiency of the corporations they manage (Jensen and Meckling, 1976). Secondly, board size is regarding to the number of Board of commissioners (BOC) member. BOC is a group of individuals that are elected to make decisions on shareholders' behalf (Investopedia, 2013).

1. Ownership Structure and Bank Performance

Stock distribution depicts the distribution of stocks among stakeholders, in which will influence corporate actions that are dependent on shareholders voting (Hutchinson and Gul 2003). By having bigger number of managerial share ownership, the agency problem will be less complicated (Jensen and Meckling, 1976). According to them, managerial ownership may reduce the agency cost, a problem between owner and its agent. Management share-ownership will ensure managers to undertake strategies that will increase firm performance (Hutchinson and Gul 2003).

However, Mandaci and Gumus (2010) found otherwise. They stated that having too much share on managers' hand could lead the managers to over worried on their interest and decrease firm performance.

2. Size of BOC and Performance

Some researchers like Lipton & Lorsch (1992) and Jensen (1993) found that size of board does matter to the performance of its company. They (Lipton & Lorsch, 1992) stated that smaller size of board works more effectively than larger ones due to co-ordination problems in larger boards. They suggested limiting the boards' member to ten people, with a preferred size of eight or nine. Jensen (1993) did a research under the same theme and resulted that boards with more than seven or eight people are less likely function effectively and are not easy for the CEO to control. There is a significant negative relationship between board size and bank financial performance (Uwuigbe and Fakile, 2012).

CSR Disclosure and Performance

CSR expenditures disclosure is a breakdown report of CSR expenditure within the corporate governance annual report, which the company has made for certain period of time. CSR disclosure comes as a means of understanding and tracking CSR impacts, through creating good dialogue with stakeholders of a company and an effective CSR disclosure is intended to improve stakeholder-related performance (Bayoud, Kavanagh, and Slaughter, 2012). Their study brought findings that there is a positive relationship

between level of CSR disclosure in the annual reports and corporate performance, in terms of financial performance and corporate reputation.

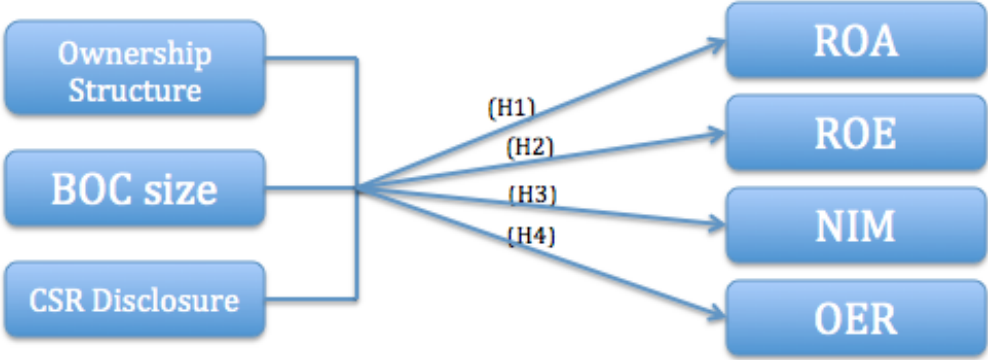
Based on the description above, the followings are hypothesis of this study:

- H1: There is a significant partial effect of managerial share ownership, size of BOC, and CSR disclosure toward the bank's ROA
- H2: There is a significant partial effect of managerial share ownership, size of BOC, and CSR disclosure toward the bank's ROE
- H3: There is a significant partial effect of managerial share ownership, size of BOC, and CSR disclosure toward the bank's NIM
- H4: There is a significant partial effect of managerial share ownership, size of BOC, and CSR disclosure toward the bank's OER

CSR disclosure toward the bank's OER

Based on the above literature review, it can be concluded that there is a relationship between corporate governance and bank performance. Two aspects representing corporate governance and CSR Disclosure in this study, in accordance to previous researches and theory, are expected to have effects on firm / bank performance. This relationship is illustrated in the following framework:

Picture 1
Framework



Research Method

By the type of the research, this research is a hypotheses-study-testing

research, which is a part of descriptive research, as it describes a particular relationship between the two factors in certain situation. Meanwhile, based on the

data collection method, this study is categorized as an observational research, since this research only observes the available secondary data.

Based on the research objectives, this study is a correlational study, which aims to identify the relationship and to identify the significance of effect of independent variable towards dependent variable within this research. In addition, based on time dimension, this research is a time series research.

Variable Identification

This research involves variables as follows:

1. Independent Variable (X): Corporate Governance, in this research represented by ownership structure and board size, and CSR expenditures disclosure through corporate's annual governance report.

Ownership structure is the distribution of equity among stockholders. The focus area under this variable is managerial share-ownership, which is how many percent insiders own the company. The insiders here are managers within the company; they are board of commissioners and board of directors. While Board size emphasizes the number of effective member on the board. Size of board is expected to have effects on bank's performance. Board size, in this study, is regarding to the number of board of commissioners (BOC) member. The last aspect of governance in this research is CSR disclosure. This study employs content analysis as a means to measure corporate social responsibility disclosures. Content analysis works by codifying the text (or content) of writing into various groups (or categories) depending on

selected criteria (Weber, 1988). There are 79 items of disclosure indicators, according to G3 report of Global Reporting Index (GRI) in their web site: www.globalreporting.org. The more bank disclose their CSR activity, the higher its CSR score. The technique starts by checking all the disclosed information against the list of items. The list of items is provided in the appendix. Then, secondly, give a score based on whether an item is disclosed and the extent to which it is disclosed. Thirdly, a CSR index is constructed by dividing the cumulative the score above with the maximum possible scores and multiplying this ratio by 100. This study employs the available data, which previously was content analyzed with GRI indicators. The data was collected from a previous study Handoyo (2013).

2. Dependent Variable (Y): Return On Asset (ROA), Return On Equity (ROE), Net Interest Margin (NIM), and Operational Efficiency Ratio (OER).

a. ROA

The Return on Assets (ROA) percentage shows how profitable company's assets are in generating revenue. (Crosson et al, 2008) ROA can be computed as:

$$ROA = \frac{\text{Return Before Tax}}{\text{Average Total Assets}}$$

b. Return on equity (ROE)

ROE measures the rate of return on the ownership interest (shareholders' equity) of the common stock owners. It measures a firm's efficiency at generating profits from every unit of shareholders' equity (also

known as net assets or assets minus liabilities). ROE shows how well a company uses investment funds to generate earnings growth. ROE can be calculated as:

$$ROE = \frac{\text{Return After Tax}}{\text{Average Equity}}$$

c. Net Interest Margin (NIM)

Net Interest Margin (NIM) is a performance metric that examines how successful a firm's investment decisions are compared to its debt situations. A negative value denotes that the firm did not make an optimal decision, because interest expenses were greater than the amount of returns generated by investments. NIM can be computed as follow:

$$NIM = \frac{\text{Net Interest Income}}{\text{Average Earning Assets}}$$

d. Operating Efficiency Ratio (OER)

OER is a ratio to measure the operating efficiency for banks. This ratio divides the operating expense of the bank by its net revenues. OER is formulated as below:

$$OER = \frac{\text{Profit}}{\text{Weighted Average Common Shares}}$$

Population, Sample, and Sampling Method

Population in this research is all commercial banks in Indonesia, which provide annual reports from year 2009 to 2012. This research period is for three years and due to the time gap, which exist between corporate governance implementation and its outcome, thus there is one year different between the governance report and performance report employed in

this study. The governance reports used in this study are from year 2009 to 2011, while the performance report used are from 2010 to 2012. This is known as lead and lag method.

The sampling method used in this research is judgment sampling (purposive sampling). Judgment Sampling is a kind of Non-Random, where the researcher considers the chosen sample meets the characteristic of sample needed for the research (Mudrajad, 2009:119). The characteristics of samples used in this study are listed as follows:

- Must be a national commercial bank
- Must not be a foreign, fully or partially, bank
- Must not be an Islamic bank
- Must not be a regional development bank

Data Analysis and Discussion

For all these three hypothesizes, regression analysis is used to examine and evaluate the effect of good corporate governance, which is represented by ownership structure (OS), size of BOC (BS), and CSR expenditures disclosure through corporate's annual governance report (CSRSD), towards the firm performance (in this case is the Commercial Bank in Indonesia). This analysis can be explained through following regression model:

$$ROA = a + \beta_1 MS + \beta_2 BOC + \beta_3 CSRSD + e$$

$$ROE = a + \beta_1 MS + \beta_2 BOC + \beta_3 CSRSD + e$$

$$NIM = a + \beta_1 MS + \beta_2 BOC + \beta_3 CSRSD + e$$

$$OER = a + \beta_1 MS + \beta_2 BOC + \beta_3 CSRSD + e$$

The variables (independent and dependent) in the above model are elaborated as follows:

ROA = Return on Assets
 ROE = Return on Equity
 NIM = Net Interest Margin
 OER = Operating Efficiency Ratio
 β_0 = Constanta
 $\beta_{1,2,3,4,5}$ = Regression Coefficient
 OS = Ownership Structure
 BS = Board Size
 CSRD = CSR Disclosure
 e = Standard Error

To process it further, t-test and F-test analysis are applied to the data. The t-test is used to analyze the effect of independent variables, partially, to the dependent variable. Meanwhile, the F-test is used to analyze the effect of independent variables, simultaneously, toward the dependent variable.

Table 1
 Descriptive Statistics for all Variables

Variables	N	Minimum	Maximum	Mean	Std. Deviation
Managerial Share-ownership	78	0.00	57.82	3.22	11.56
Size of BOC	78	2.00	9.00	5.08	1.82
CSRD	78	7.59	26.58	14.05	3.79
ROA	78	-1.64	5.15	2.10	1.18
ROE	78	-18.96	43.83	17.56	10.60
NIM	78	1.02	14.00	5.71	2.47
BOPO	78	41.60	114.63	80.42	12.70

In the independent variables, the table shows that on the average the banks included in our sample, during the study period, has 3.22% of its shares owned by its managers, with a standard deviation of 11.56%. This means that the value of the Managerial Share-ownership can deviate from mean to both sides by 11.56%. The maximum and minimum percentages of shares owned by managers are 0% and 57.82% respectively. Meanwhile, the sample banks employ at least 2 commissioners and at maximum of 9 commissioners. Therefore, on the average, those banks have 5 commissioners in charge, with a standard deviation of 1.82%. As for the level of CSR disclosure, the sample banks have the disclosure rate of 14.05%, with a standard deviation of 3.79%. Among the samples, the minimum level of disclosure is 7.59%, with the maximum level of 26.58%.

While in the dependent variables, the sample banks generate Return on Equity (ROE) of about 2.1% on average, and a standard deviation of 1.18%. This means that the value of ROA can deviate from mean to both sides by 1.18%. The banks make -1.64% ROA at the lowest, and 5.15% of ROA at the highest during the period. As for Return on Equity (ROE), the banks make 17.56% value of it with minimum and maximum value of -18.96% and 43.83% respectively. The banks also generate NIM and BOPO of 5.71% and 80.42% on average, respectively.

The regression result at table 2 shows that there is a positive significant effect of BOC size to two of the dependent variables, namely NIM and OER. The relationship is found to be positive to the bank's performance. This result goes in line with the result of Adam and Mehran (2005)

and Dalton and Dalton (2005). These previous study argued that more number of people on board can bring more skilled managers or expertise which lead to more networking opportunities, expert advice, and diversified thoughts. Additionally, Kiel and Nicholson (2003) stated that larger size of boards tend to bring more diversity of

xperience, skills, and background. This situation will result in a better performance of the company. A supportive result was also obtained from a study of Mak and Li (2001) and Belkhir (2009). These study showed evidence in in favor of large board size associated with higher performance.

Table 2
Results of the Regression Models for Each Measure of Organizational Performance

Variable	ROA			ROE			NIM			OER		
	t-table	B t-counted		t-table	B t-counted		t-table	B t-counted		t-table	B t-counted	
Constanta		0.999 {1.944}			9.21 {1.971}			4.13 {3.887}			92.103 {16.718}	
MS	1.671	0.002 {0.675}	Ho Accepted	1.671	0.014 {0.509}	Ho Accepted	1.671	-0.001 {-0.155}	Ho Accepted	-1.671	-0.017 {-0.513}	Ho Accepted
BOC	1.671	0.073 {0.805}	Ho Accepted	1.671	-0.273 {-.332}	Ho Accepted	1.671	0.494 {2.637}	Ho Rejected	-1.671	-1.647 {-1.695}	Ho Rejected
CSR	1.671	0.051 {1.160}	Ho Accepted	1.671	0.685 {1.726}	Ho Rejected	1.671	-0.066 {-0.727}	Ho Accepted	-1.671	-0.227 {-0.468}	Ho Accepted
F - table	2.76			2.76			2.76			2.76		
F - counted	1.87			1.405			2.705			2.292		
R ²	0.07			0.054			0.099			0.292		

This result, however, is in contrast with the previous studies result of Lipton & Lorsch (1992) and Jensen (1993). This is because of co-ordination problems in larger boards. Their studies recommended limiting the board size to ten people, with a preferred size of eight or nine. The different result is most likely caused by the data of sample banks used in this study. The sample banks in this study have 9 persons on board of commissioner at maximum. Therefore, this study has different result with the studies of Lipton & Lorsch (1992) and Jensen (1993) and supports the statement of the bigger the board is, the better.

The other variable with positive significant influence is CSR disclosure. The variable is found to have significant positive effect on the bank's performance: ROE.

This result goes in line with the previous research of Bayoud, Kavanagh and Slaughter (2012). The study perceived a result, which supports the notion, that CSR disclosure can influence the performance positively. According to Miles & Covin (2010) and Miles & Russel (1997), some activities held by the company in the area of corporate social action are supposed to boost up the company's competitive advantage. The competitive advantages that the company would acquire are in the term of company's image, reputation, segmentation, and long term cost saving. The competitive advantages will result is corporate performance enhancement. This is in support with the slack theory, which was also supported by McGuire et al. (1988, 1990) who have provided some em- pirical

support to the theory. Siregar and Bachtiar (2010) also argued that in order to maintain effective process in economic and financial values of one firm, it is necessary to also maintain the firm's social value.

However, Managerial Share-ownership is statistically proven has no positive significant relationship to the bank's performance. This is supported by the result of t-test result of MS to each of the dependent variable. For Managerial Share-ownership variable, the very low proportion of shares owned by the insiders might cause the insignificance. In fact, the majority of the data have shares less than 1% owned by its insiders, only a few banks whose insiders hold more than 1% shares. This small proportion of managerial share-ownership might lead to the insignificance of the relationship. Another reason might be the conflicted interest of the managers between their role as shareholder and as agent. This result supports the previous study of Demsetz and Villalonga (2001), in which they did not find any significant relation between managerial share-ownership and firm performance. Their results denied the belief that ownership structure affected firm performance. These two situations are some of the possible reasons why the relationship of managerial share-ownership to the banks performance is not significant.

This paper, however, has several limitations. Those limitations are listed as follows:

1. Financial performance in this study is only represented by ROA, ROE, NIM, and OER. Future researchers can use the other financial ratios to measure the financial performance.
2. CSR in this study assessed holistically (as one whole component). It is a recommendation for the future researchers to analyze the indicator aspect by aspect. Therefore the results can be more specific.

3. The data of annual report in this study is limited to three years. This is because the regulation of reporting GCG has been optimally applied since 2009. Therefore, to date, the available data is limited to three years.
4. The score of CSR disclosure in this study is a result of individual content analysis. Therefore, the score of content analysis might be slightly different between on researcher to the others.

Based on this study result, there are several recommendations for shareholders and managers, government as regulator, and future researchers. The recommendations are listed as follows:

1. Shareholders and Managers
 - a. In order to improve the bank's performance, the author suggests the banks' management to pay attention more on the implementation of CSR. This is based on the fact acquired that the implementation of CSR in Indonesia is still un-optimally implemented. The banks are suggested to pay closely attention to every aspects of CSR, and not only focus on some particular aspects. This is for a better distribution of CSR application.
 - b. Companies in Indonesia, especially banks, are recommended to register their company to some public rating of CSR agent. This is to ease public in gathering information about the company's CSR performance. This will not only beneficial for public, but also for the company. By having an assessment from some trusted independent agent, the banks seem to have more credibility and a better company's image in

- public for such field.
- c. This study also recommends a larger size of BOC, considering the data shows many small size of BOC, for better financial performance of banks in Indonesia. This will increase the contribution of each commissioner on board and enhance effective decision-making. It will also bring about cohesion among the board members.
2. Regulator
 - a. The government is suggested to improve its regulation of CSR implementation, BOC size, and managerial share-ownership from year to year. Therefore the application of these aspects can improve from year to year, which in the end it will not only create a better companies/banks, as they will more socially responsible, but also a better effect to the society and the nation.
 3. Future Researcher
 - a. Future researchers are recommended to use a wider range of data to obtain a more accurate data analysis. This is because the effect of corporate governance and CSR on banks performance takes quite some time to be seen. The author also recommends future researchers to use the other variables to assess the company's financial performance. As in this study the author uses profitability ratios, the future researchers are recommended to use the other financial performance measurements. Thus, the future researches can be more comprehensive in presenting the results, which in the end can be more beneficial.

Conclusion, Implication, Suggestions, and Limitations.

The author therefore concludes that there is a simultaneous relationship between the independent variables (Managerial Share-ownership, Board of Commissioner Size, and CSR Disclosure) and the dependent variables. Partially analyzed, BOC size and CSR disclosure are found to be independent variables, which significantly influence the bank performance, measured by NIM, OER and ROE, at a 10% level of significance. The statistic result shows that there is positive relationship between board of commissioner size and bank financial performance in Indonesia. More number of commissioners is likely to give more contribution to the bank performance. Meanwhile, the CSR disclosure is indicated to have a significant positive relationship with ROE. In contrast, the rest of independent variables are found to be not significant.

Based on this, the paper recommends a larger size of BOC, considering the data shows many small size of BOC, for better financial performance of banks in Indonesia. This will increase the contribution of each commissioner on board and enhance effective decision-making. It will also bring about cohesion among the board members.

This paper, however, has several limitations. Firstly, financial performance in this study is only represented by ROA, ROE, NIM, and OER. Future researchers can use the other financial ratios to measure the financial performance. Secondly, GCG in this study assessed holistically where this might be one of the reasons of the insignificant relationship of the variables. It is a recommendation for the

future researchers to analyze the indicator aspect by aspect. Therefore the results can be more specific.

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