ASSESSMENT OF CRITERIA FOR PERFORMANCE EXCELLENCE (KPKU) AND FIRM PERFORMANCE: EVIDENCE FROM INDONESIA

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Abstract. This study aims to examine whether the assessment of Criteria for Performance Excellence (KPKU) is related to the firm performance of States-Owned Enterprise (SOE) in Indonesia. This study uses 82 firms-year observations from 19 State-Owned Enterprise listed on the Indonesia Stock Exchange (IDX) for the period 2009 to 2018. This study found that KPKU assessment was positively related to firm performance. This shows that KPKU assessment can be a signal that the company has good performance. The study also found that the positive relationship between KPKU assessment and company performance is stronger in companies audited by Big 4 and in big-sized companies. This study is the first research that discusses the relationship between KPKU assessment and firm performance. This study may be useful for practitioners and academics that are interested in the subject of SOE performance assessment. The results suggest to conduct a regular KPKU assessment because it can be useful to provide a positive signal for shareholders and potential investors.

Keywords: KPKU assessment; firm size; firm performance; states owned company

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1. Introduction

The purpose of the establishment of the company is to improve firm performance in the long run. In practice, there are many decisions made in a company that are based on evaluating firm performance, so performance appraisal is one of the important elements that needs to be considered (Longenecker & Fink, 1999; Davis, 2002; Cintrón & Flaniken, 2011). Performance appraisal is considered as a key component in organizational success (Grote, 2002; Rasch, 2004). Performance appraisal allows companies to communicate to all internal parties about their level of growth, competence, and potential, thus enabling the improvement and development of the company. If used properly, performance appraisal can be a tool for organizations in organizing and coordinating the strengths of each of their employees to achieve the company’s strategic goals (Grote, 2002; Lewis, 1996; Narkuniene, Ulbinaite, 2018; Girdzijauskaite et al., 2019; Hilkevics, Semakina, 2019; El Idrissi et al., 2020; Caurkubule et al., 2020).

Performance appraisal is important for companies in identifying the strengths and opportunities that companies have in order to increase their competitive advantage (Arijanto et al., 2016). One of the methods used to assess and improve overall company performance continuously is use the Malcolm Baldrige Criteria for Performance...
Excellence (MBCiPE). Assessments based on MBCiPE can be used to identify and evaluate work units for both profit-oriented and non-profit companies (Mayani et al., 2015). Criteria in MBCiPE can help the company assess performance on a variety of key business indicators: customers, products and services, finance, human resources, and operations (Ford & Evans, 2000; Roland, 2011). There are seven categories which are the criteria of Malcolm Baldrige (Arijanto et al., 2016), such as leadership, strategic planning, customer focus, measurement, analysis, and knowledge management, workforce focus, operations focus, and results.

In Indonesia, the MBCiPE criteria is used in assessing the Indonesia Quality Award. This is done with the aim of increasing awareness of companies in Indonesia that performance excellence is an important element for companies to compete and is a means of sharing information about success in implementing performance strategies and the benefits of using this strategy (Arijanto et al., 2016). On the other hand, the Ministry of State-Owned Enterprises uses an evaluation criterion called the Superior Performance Assessment Criteria (KPKU) in assessing the performance of SOEs. These assessment criteria are the result of the adoption of the MBCiPE criterion that has been used extensively throughout the world (Cintrón & Flaniken, 2011). The Ministry of State-Owned Enterprises develops the KPKU as a guide to develop, manage and empower SOE systems and resources to achieve superior SOE company performance. The KPKU is also used as a tool for conducting SOE self-assessments and providing feedback to each SOE strategies (Hardian et al., 2015; Arijanto et al., 2016; Wen at al., 2017). KPKU is mandatory to be practiced in the SOE environment, but until now there are SOEs that have not revealed their performance assessment scores or their KPKU score in the company’s annual report. Nowadays, KPKU is only applied to state-owned enterprise. This is regulated in Minister of State-Owned Enterprises Regulation No. PER-01/MBU/2011, Article 44 Chapter XII and letter from the Ministry of SOEs No. S-281/S.MBU/2014 concerning Implementation of Superior Criteria Performance Evaluation (KPKU) on 2014.

Performance appraisal is a widely discussed concept because it is a need to achieve organizational goals (Chen & Eldridge, 2012; Tippe, 2013). Many previous studies have discussed performance appraisal based on MBCiPE criteria, but there has been no specific research that discusses performance evaluation criteria through KPKU. Chen and Eldridge (2010) and Appelbaum et al. (2011) explain that performance appraisal can be used as a tool to increase motivation. In addition, van Emmerik et al. (2012) argue that performance appraisal can be used to motivate employees through rewards such as promotions and salary increases. Awards received by these employees can ultimately be used to improve company performance (Bassett-Jones & Lloyd, 2005). Aguinis and Pierce (2008) also explain that performance appraisal can be a starting point for improving individual performance in a way that is consistent with strategic objectives and with the ultimate goal of improving firm performance. However, on the other hand performance appraisal also has serious consequences in terms of employee dissatisfaction which can result in decreased productivity and organizational commitment (Maley, 2013).

There is no one has examined the relationship between the results of the KPKU assessment with the firm outcomes, which are reflected through the firm performance. Thus, this study was conducted to examine the relationship between the assessment of Criteria for Performance Excellence (KPKU) and the firm performance of States-Owned Enterprise (SOE) in Indonesia for the period 2009-2018. Using a sample of 82 firm-year observations, this study found that the relationship between KPKU assessment with firm performance was positive and significant. This indicates that the KPKU assessment can improve company performance by increasing communication and integration, framing organizational goals, and providing feedback on organizational strategies. This result can also be a positive signal for shareholders and investors that the company has good performance. In addition, this study also found that a positive relationship between KPKU assessment and company performance was stronger in companies audited by Big 4 and in big-sized companies.

This research makes a number of contributions. This study is the first research that examines the relationship between KPKU assessment with the firm performance of BUMN companies listed on the Indonesia Stock Exchange. This research can clarify our understanding of how performance is valued and provide useful suggestions for improving performance appraisal in organizations. In addition, this study also shows the importance

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of KPKU assessment in encouraging SOEs performance. KPKU assessment can be a tool for comprehensive evaluation or assessment of company performance and can be a guideline or reference in the development and implementation of company systems so as to achieve strong growth rates which in turn can become a competitive advantage of the company. Furthermore, the results of this study can be used as a guideline for carrying out the company’s long-term and short-term strategies, using the KPKU as an evaluation tool for reliable and superior management practices. The results of this study suggest to conduct regular KPKU assessments because they can be useful to provide positive signals for shareholders and investors.

The remainder of this paper is organized as follows. The next section outlines the relevant research and develops the hypotheses. Section 3 details the sample, variables and empirical models. Section 4 provides the empirical analysis and results. Section 5 outlines the conclusions and implications of the study.

2. Literature Review

2.1. Assessment of Criteria for Performance Excellence (KPKU)

The Criteria for Performance Excellence (KPKU) is a basis for evaluation used by SOEs in providing feedback to SOEs to create high-quality performance (Wibowo, 2019). According to the Forum Ekselen BUMN (2014), KPKU is one of the Ministry of States-Owned Enterprise’s initiative strategies in creating systematic and sustainable improvements and performance improvements to encourage SOEs to improve performance to compete at the world level. The advantage of KPKU is its ability to provide comprehensive and integrated assessments. KPKU is an adaptation of the Malcolm Baldrige Criteria for Performance Excellence (MBCfPE).

KPKU is designed to encourage and help SOEs achieve the vision, mission and goals of the company, improve performance in a sustainable manner, and encourage the creation of a competitive advantage through the alignment of company plans, processes carried out, decision making, employee/labor focus and all actions which can ultimately be demonstrated by the achievement of superior results (Holzer et al., 2011; Mawirda & Yulihasri, 2019). KPKU is also designed to be used as a holistic assessment tool to measure the company’s position and show what is needed by the company in the future to improve performance in the long run (Arijanto et al., 2016). The KPKU framework is divided into seven criteria, where each criterion is interconnected to create superior performance (Morrey, 2004; Wibowo, 2019), namely leadership, strategic planning, customer focus, measurement, analysis and knowledge management, workforce focus, focus on operations and results. The KPKU criteria are designed so that the company focuses on results related to the company’s excellence in its industry, such as the main performance of products or services and processes, customer performance, financial performance, human resource performance and organizational governance effectiveness.

Nowadays, the Ministry of SOEs is encouraging the creation of three core values in SOEs, namely integrity, strong national leadership and global mindset, therefore KPKU has been established as a criterion for measuring the level of SOE excellence (Ministry of BUMN RI, 2015). The application of KPKU-based assessments in SOEs is regulated in Minister of State-Owned Enterprises Regulation No. PER-01/MBU/2011, Article 44 Chapter XII and letters from the Ministry of SOEs No. S-281/S.MBU/2014 concerning Implementation of Performance Evaluation of Superior Criteria (KPKU) in 2014. The KPKU criteria are non-prescriptive and adaptive, that is, its application does not require companies to “ought” to have certain organizational structures such as Planning Units, Ethics Management Units, Quality Management Units or other independent functions and also does not require companies must implement ISO, Lean, Six Sigma, or Balanced Score Cards (Wibowo, 2019). This is because different companies have different conditions, sizes, and challenges. Forum Ekselen BUMN (2014) explained that KPKU has eight levels to classify the excellence level of an organization, where each level has indicators of the range of achievement scores as follows early development (0-275), early result (276-375), early improvement (376-475), good performance (476-575), emerging industry leaders (576-675), industry leaders (676-775), benchmark leaders (775-875) and world leaders (876-1000).
2.2. KPKU Assessment and Firm Performance

Given the increasingly fierce of business competition, companies need to make improvements on aspects that are important and significant for the corporate sustainability. The company must have a performance that is superior to its business competitors. In the SOE environment, one of the evaluation criteria that can be used by companies to have excellent performance is to use the KPKU criteria. As such, KPKU functions as a guide to develop, regulate and empower SOE systems and resources to achieve superior performance.

Siegal (2000) explains that performance appraisal is a process or evaluation system for plans that have been carried out by companies in accordance with predetermined standards. This assessment was approved to improve the current firm performance. Some previous research conducted related to performance appraisal shows that performance appraisal is used to plan organizations to achieve the company’s vision and mission (Nelly, 2001; Dessler, 2003). This can be done by increasing communication and integration, framing organizational goals, providing feedback on strategy, because organizational performance is always in line with organizational strategy. Furthermore, Bouti (2012) explains that the Key Performance Indicator (KPI) is a quantitative measure used to improve organizational performance in achieving organizational targets. KPIs are also used to determine the object being measured, see trends and support decision making. Chen and Eldridge (2010) and Appelbaum et al., (2011) explain that performance appraisal can be used as a tool to increase motivation. Performance appraisal can be used to motivate employees through rewards such as promotions and salary increases, which can then encourage employees to be more committed in improving the firm performance (Bassett-Jones & Lloyd, 2005; van Emmerik et al., 2012). Aguinis and Pierce (2008) also explain that performance appraisal can be a starting point for improving individual performance in a way that is consistent with strategic objectives and with the ultimate goal of improving the firm performance.

To be superior, companies must know about the internal and external environment must be better than competitors’ knowledge about themselves and their external environment. KPKU is designed to be used as a holistic assessment tool to measure the company’s position and determine what companies need to evaluate in the future to improve performance in the long run (Wibowo, 2019; Mawirda & Yuliasri, 2019). Thus, the hypothesis in this study is as follows:

Hypothesis: KPKU assessment is positively related to company performance.

3. Research Methodology

3.1. Sample

The initial sample of this study consisted of all state-owned companies listed on the Indonesia Stock Exchange (IDX) for the period 2009-2018. Data sources used in this study include the company’s annual report and the ORBIS database. Data related to KPKU assessment and Big 4 variable data are obtained through the company’s annual report, while the company’s financial data are obtained through the ORBIS database. The two datasets are merged and the following sample selection criteria are applied. Any observations without complete data, such as not having the KPKU score and financial data, are excluded from the sample. After applying sample selection criteria, the final sample included 82 firm-year observations.

3.2. Variable Definitions

The main variable of interest in this study is the assessment of the Criteria for Performance Excellence (KPKU). This variable was measured using the KPKU score obtained by the company in the year of observation (Hardian et al., 2015; Arijanto et al., 2016). Furthermore, the dependent variable in this study is firm performance (FP). This variable is measured by return on assets (ROA) and return on equity (ROE). ROA is measured as net income divided by total assets, while ROE is net income divided by the book value of total equity.
To overcome the problem of endogeneity in the form of omitted variables, which do not include explanatory variables that might affect the results of the study, this study uses several control variables. Referring to previous research (Cintrón & Flaniken, 2011; Roland, 2011; Harymawan et al., 2019) the control variables used in this study include: firm leverage (LEVERAGE) as measured by dividing total debt by total assets, firm size (FIRMSIZE) as measured by the natural logarithm of total assets, firm age (FIRMAGE) as measured by natural logarithms of the number of years since the company was founded, and big4 auditor (BIG4) which is a dummy variable, where the value of 1 if the company is audited by Big 4 and a value of 0 if the company is not audited by Big 4. See the Table 1 for a summary of variable definitions.

| Variable   | Definition                          | Source       |
|------------|-------------------------------------|--------------|
| ROA        | Net income divided by total assets  | ORBIS        |
| ROE        | Net income divided by book value of total equity | ORBIS        |
| KPKU       | KPKU score obtained by the company  | Annual Report|
| LEVERAGE   | Total debt divided by total assets  | ORBIS        |
| FIRMSIZE   | Natural logarithm of total assets   | ORBIS        |
| FIRMAGE    | Natural logarithm of the number of years since the company was founded | ORBIS        |
| BIG4       | Dummy variable, 1 for the firm audited by Big 4 and 0 for the unaudited company by Big 4 | Financial Report |

3.3. Methodology

This study uses an OLS regression model with fixed year and industry effects, and clustered standard errors (Petersen, 2009). To test the first hypothesis in this study, the following regression model is used.

\[ FP_{it} = \beta_0 + \beta_1 KPKU_{it} + \beta_2 LEVERAGE_{it} + \beta_3 FIRMSIZE_{it} + \beta_4 FIRMAGE_{it} + \beta_5 BIG4_{it} + \beta_6 YEAR_{it} + INDUSTRY_{it} + \varepsilon_{it} \]

4. Result and Discussion

4.1. Descriptive Statistics and Univariate Comparisons

Table 2 contains the sample distribution by year of observation and industry sector. The sample of companies that were observed in this study were distributed in five industries, including mining; construction; manufacturing; transportation, communications, and utilities; and finance, insurance, and real estate. The highest number of firm-years of observations coming from Mining (28), furthermore are Transportation, Communications and Utilities and Manufacturing (22), and Mining (12). Of the total observations of 82 firm-year observations, in 2014 and 2015 there were 16 companies that revealed the results of the KPKU assessment. That year showed the highest number of observations compared to previous years. This was driven by a letter from the Ministry of SOEs No.S-281/S.MBU/2014 regarding the Implementation of the Criteria for Performance Excellence (KPKU).
Table 2. Sample Distribution

| Year | Mining (SIC 1) | Construction (SIC 2) | Manufacturing (SIC 3) | Transportation, Communications and Utilities (SIC 4) | Total (SIC 6) |
|------|----------------|----------------------|-----------------------|-----------------------------------------------|--------------|
| 2009 | 0              | 0                    | 0                     | 1                                              | 0            |
| 2010 | 0              | 0                    | 0                     | 1                                              | 0            |
| 2011 | 0              | 0                    | 0                     | 1                                              | 0            |
| 2012 | 2              | 0                    | 0                     | 2                                              | 0            |
| 2013 | 3              | 1                    | 1                     | 3                                              | 0            |
| 2014 | 5              | 2                    | 3                     | 4                                              | 2            |
| 2015 | 6              | 2                    | 3                     | 3                                              | 2            |
| 2016 | 4              | 2                    | 1                     | 3                                              | 2            |
| 2017 | 5              | 2                    | 3                     | 3                                              | 2            |
| 2018 | 3              | 2                    | 1                     | 1                                              | 1            |
| Total| 28             | 11                   | 12                    | 22                                             | 9            |

Notes: This table shows the sample distribution of 82 companies listed on the IDX in 2009-2018.

Table 3 shows the descriptive statistics. The mean value for ROA is 40.7%, while the average value for ROE is 99.9%. The average value for KPKU is 537.77, which is included in the category of emerging industry leaders. The average company has a leverage of 5.86% and total assets of IDR 95,530,000,000. The average age of the company is 44.2. Companies audited by Big 4 auditors have an average value of 0.573.

| Variable | Mean       | Median    | Minimum   | Maximum   |
|----------|------------|-----------|-----------|-----------|
| ROA      | 4.070      | 3.425     | -11.890   | 22.800    |
| ROE      | 9.999      | 11.920    | -42.080   | 40.540    |
| KPKU     | 537.771    | 560.750   | 250.300   | 897.000   |
| LEVERAGE | 0.586      | 0.587     | 0.084     | 0.925     |
| FIRMSIZE | 95,530,000,000 | 30,650,000,000 | 1,250,000,000 | 1,130,000,000,000 |
| FIRMAGE  | 44,207     | 41.500    | 15.000    | 121.000   |
| BIG4     | 0.573      | 1.000     | 0.000     | 1.000     |

Notes: This table shows descriptive statistics for all the variables used in this study. The sample used in this study amounted to 82 companies listed on the IDX in 2009-2018.

Table 4 displays the Pearson correlations. The correlations between KPKU and the firm performance measures, ROA and ROE, are in the predicted direction, but insignificant. Other correlations between control variables are generally low and don’t raise any multicollinearity issues for our subsequent analysis. FIRMSIZE and BIG4 variables show a negative correlation with company performance, but not significant. Furthermore, LEVERAGE and FIRMAGE variables are negatively and significantly related to ROA.

|          | ROA      | ROE      | KPKU     | LEVERAGE | FIRMSIZE | FIRMAGE | BIG4 |
|----------|----------|----------|----------|----------|----------|---------|------|
| ROA      | 1.000    |          |          |          |          |         |      |
| ROE      | 0.843*** | 1.000    |          |          |          |         |      |
|          | (0.000)  |          |          |          |          |         |      |
| KPKU     | 0.093    | 0.091    | 1.000    |          |          |         |      |
|          | (0.404)  | (0.414)  |          |          |          |         |      |
| LEVERAGE | -0.424***| 0.035    | 0.091    | 1.000    |          |         |      |

Notes: This table shows the Pearson correlation matrix for all variables used in this study. The sample used in this study amounted to 82 companies listed on the IDX in 2009-2018.
4.2. KPKU Assessment and Firm Performance

Table 5 shows the results of model 1. Regression results in both specifications, using ROA and ROE as a proxy of company performance show a significant positive relationship. The coefficient on the KPKU shows 0.017 ($t=2.15$) and 0.027 ($t=1.82$). These results indicate that KPKU is positively and significantly related to ROA at the 5% level, whereas for ROE, KPKU is positively and significantly related to the 10% level. The results of this study are consistent with the hypothesis proposed in this study and indicate that the higher the KPKU assessment score, the higher the firm performance. Furthermore, the regression results for control variables show that company performance tends to be lower in companies that have high leverage and are audited by Big 4.

KPKU assessment can be a motivation for companies to identify strengths and opportunities that can improve company performance. In addition, KPKU assessment results can guide companies in managing existing resources to help companies achieve the expected results (Nelly, 2001; Dessler, 2003). KPKU assessment can spur companies to further enhance their abilities in every area of the organization and encourage employees to grow and not stop to continue to learn from the successes and failures that occur. Firm performance can improve if KPKU assessments are used appropriately to improve communication and integration, frame organizational goals, and provide feedback on organizational strategy (Bassett-Jones & Lloyd, 2005; van Emmerik et al., 2012; Chen & Eldridge, 2010; Appelbaum et al., 2011). Thus, the KPKU assessment can be a quantitative measure used to improve SOE performance and achieve the expected targets.

| KPKU | ROA | ROE |
|------|-----|-----|
| 0.017*** | 0.017*** | 0.027* |
| (2.15) | (1.82) | |
| LEVERAGE | -23.671*** | -23.903** |
| | (-5.78) | (-2.27) | |
| FIRMSIZE | 0.803 | 2.391 |
| | (1.21) | (1.50) | |
| FIRMAGE | -0.257 | -1.858 |
| | (-0.22) | (-0.61) | |
| BIG4 | -3.124* | -9.483** |
| | (-1.80) | (-2.27) | |
| CONSTANT | -10.888 | -46.534 |
| | (-0.56) | (-1.11) | |
| Year Dummies | Included | Included | |
| Industry Dummies | Included | Included | |
| R-squared | 0.501 | 0.377 |
| N | 82 | 82 |

Notes: This table shows the results of multiple linear regression between KPKU Assessment and firm performance of 82 companies listed on the IDX in 2009-2018 with *$t>1.645$, **$t>1.960$, ***$t>2.326$, significance at 10%, 5% and 1%. 

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4.3. Additional Analysis

This study also examines two specific situations where we expect to affect the relationship between the KPKU assessment and firm performance. The first situation is when the company is audited by Big 4 and non-Big 4 auditors, while the second situation is when the research observation is in a large-sized company compared to a small-sized company.

In the first additional analysis, regression was carried out by dividing the research sample into two groups, namely companies that were audited by Big 4 amount of 47 observations and companies audited by non-Big 4 as many as 35 observations. Table 6 shows the regression results for companies audited by Big 4 and non-Big 4. It can be seen that the KPKU coefficient in the Big 4 column is 0.020 (t=2.29) for ROA, and 0.035 (t=2.12) for ROE. Both the specifics of the companies audited by Big 4 indicate that the KPKU assessment is positively and significantly related to the 5% level. Meanwhile, the regression results for companies audited by non-Big 4 show a negative but not significant relationship to all firm performance proxies, ROA and ROE. This result reinforces some of the previous findings. These results indicate that KPKU assessment is positively related to the firm performance in companies audited by Big 4 auditors. This indicates that companies audited by Big 4 that tend to have good consequences and responsibility to maintain their reputation, the KPKU assessment is used as a guide to develop, regulate and empower company systems and resources to achieve the superior firm performance.

Table 6. KPKU Assessment in the Companies Audited by Big 4 vs Non-Big 4

|          | Big 4 | Non-Big 4 |
|----------|-------|-----------|
|          | ROA   | ROE       | ROA   | ROE |
| KPKU     | 0.020*| 0.035**   | -0.003| -0.010|
|          | (2.29)| (2.12)    | (-0.77)| (-0.76) |
| LEVERAGE | -30.878***| -43.540* | -2.722| 35.296*** |
|          | (-2.92)| (-1.89)  | (-0.92)| (4.82) |
| FIRMSIZE | -1.682| -2.294    | 2.209*| 5.083* |
|          | (-0.73)| (-0.48)  | (2.62)| (1.96) |
| FIRMAGE  | -1.698| -4.643    | 4.984***| 13.216*** |
|          | (-0.84)| (-0.96)  | (3.51)| (3.35) |
| CONSTANT | 77.435| 116.783   | -76.015***| -202.050*** |
|          | (1.02)| (0.74)    | (-3.55)| (-3.19) |
| Year Dummies | Included | Included | Included | Included |
| Industry Dummies | Included | Included | Included | Included |
| R-squared | 0.592| 0.474    | 0.928| 0.894 |
| N         | 47   | 47       | 35   | 35 |

Notes: This table shows the results of multiple linear regression between KPKU Assessment and firm performance in the Companies Audited by Big 4 vs Non-Big 4 that are listed on the IDX in 2009-2018 with *t > 1.645, **t > 1.960, ***t > 2.326, significance at 10%, 5% and 1%.

Furthermore, this study also wants to investigate further whether the relationship between KPKU assessment and firm performance gives different results to big-sized companies compared to small-sized companies. In this second analysis, the distribution of the sample is done by looking at the median value of company size. If the company has a company size above the median value (>31.05362) then it is classified as a big-sized company, conversely if the company has a company size below the median value (<31.05362) then it is classified as a small-sized company.

Table 7 shows the regression results for the big-sized and small-sized companies. It can be seen that the KPKU coefficient in the Big Size column is 0.026 (t=2.71) for ROA, and 0.040 (t=2.05) for ROE. Both specification for big-sized companies indicate that the KPKU assessment is positively and significantly related at the level of 1% and 5%. While the regression results for small-sized companies also showed a positive but not significant
to all proxy company performance, ROA and ROE. These results reinforce some of the previous findings, that the KPKU assessment is positively related to firm performance in large companies. This indicates that in large companies that tend to be stable and well established, KPKU assessment is used as a tool for evaluation or comprehensive assessment that can be useful to improve firm performance. KPKU assessment can direct companies to manage existing resources (Mawirda & Yulihasri, 2019). Thus, complex resources in large companies can be accommodated and managed properly to achieve the goals expected by the organization.

Table 7. KPKU Assessment in the Big Size vs Small Size Companies

|                | Big Size         | Small Size        |            |            |
|----------------|------------------|-------------------|-----------|-----------|
|                | ROA              | ROE               | ROA       | ROE       |
| KPKU           | 0.026***         | 0.040**           | 0.017     | 0.033     |
|                | (2.71)           | (2.05)            | (1.49)    | (1.33)    |
| LEVERAGE       | -27.336**        | -8.654            | -33.946***| -52.070** |
|                | (-2.08)          | (-0.35)           | (-3.84)   | (-2.45)   |
| FIRMAGE        | 1.735            | 8.905             | -0.032    | -1.905    |
|                | (0.49)           | (1.30)            | (-0.03)   | (-0.56)   |
| BIG4           | -7.895           | -10.001           | -1.102    | -4.948    |
|                | (-1.46)          | (-0.98)           | (-0.41)   | (-0.67)   |
| CONSTANT       | 10.510           | -19.380           | 34.711*** | 67.362*** |
|                | (0.52)           | (-0.49)           | (3.72)    | (2.81)    |
| Year Dummies   | Included         | Included          | Included  | Included  |
| Industry Dummies| Included       | Included          | Included  | Included  |
| R-squared      | 0.599            | 0.606             | 0.680     | 0.528     |
| N              | 41               | 41                | 41        | 41        |

Notes: This table shows the results of multiple linear regression between KPKU Assessment and firm performance in the Big Size vs Small Size Companies listed on the IDX in 2009-2018 with *t* > 1.645, **t* > 1.960, ***t* > 2.326, significance at 10%, 5% and 1%.

Conclusions

This study examines the relationship between the assessment of Criteria for Performance Excellence (KPKU) and the firm performance of States Owned Company (SOE) companies in Indonesia for the period 2009-2018. The result shows that the relationship between KPKU assessment with firm performance was positive and significant. This indicates that the KPKU assessment can improve company performance by increasing communication and integration, framing organizational goals, and providing feedback on organizational strategies. This result can also be a positive signal for shareholders and investors that the company has good performance. In addition, this study also found that a positive relationship between KPKU assessment and firm performance was stronger in companies audited by Big 4 and in big-sized companies. This is because companies audited by Big 4 and large-sized companies tend to be stable and well established and have good consequences and responsibilities to maintain their reputation so that the KPKU assessment is used as a tool for evaluation or comprehensive assessment that can be useful to improve the firm performance.

This research can clarify our understanding of how performance is valued and provide useful suggestions for improving performance appraisal in organizations. In addition, this research also shows the importance of KPKU assessment in driving the performance of SOEs, so that SOEs can achieve strong growth rates which in turn can become a competitive advantage of the company. Furthermore, the results of this study can be used as a guideline for carrying out the company’s long-term and short-term strategies, using the KPKU as an evaluation tool for reliable and superior management practices. In addition, this study recommends conducting regular KPKU assessments because it can be useful to provide positive signals for shareholders and investors. In addition, further investigation of effective corporate governance practices can be carried out for future research in strengthening the relationship between KPKU assessment and firm performance.
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