Effect of Transformational Leadership and Organizational Culture on Employee Performance Mediated by Job Motivation

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Abstract
This study aims to analyze the effect of transformational leadership and organizational culture on employee performance mediated by job motivation. The population in this study included 134 Civil Servants in the Secretariat of the Bali District/City Election Commission with a total sample of 100 people using the proportional random sampling method. Data analysis techniques were performed using Structural Equation Modeling (SEM) with the Partial Least Square (PLS) approach. Job motivation is able to mediate the relationship between transformational leadership and organizational culture on employee performance partially. The Head of the Secretariat of the KPU of Regency/City in Bali needs to develop a transformational leadership style by providing motivation that inspires subordinates to work better when job motivation increases will be directly proportional to an increase in employee performance. In addition, a strong organizational culture such as information disclosure and participation of all members of the organization in achieving organizational goals can be developed continuously. When job motivation increases, it will encourage employees to improve the quality and timeliness of employees in completing work.

Keywords:
employee; job motivation; organizational culture; performance; transformational leadership;

1 Introduction
In organizing elections, the General Election Commission is inseparable from challenges and obstacles. To answer the challenges and obstacles in the election process, it requires a quality of human resources that is reliable and experienced in the electoral field. In organizing the General Elections, the Chairperson and Members of the KPU are assisted by the KPU Secretary-General to carry out their functions in accordance with the provisions. One of the activities carried out by the Bali Provincial KPU is the Election of the Governor and Deputy Governor of Bali in 2018. Although the

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The update stage, and good relations with the stakeholders of the update still show relatively low work, are interested in helping, supporting others at work, trying to influence employee motivation by inspiring them. In this way, the productivity and effectiveness of the organization as a whole can be increased.

To increase employee motivation, leadership has a large enough influence to motivate subordinates to work. One of them is transformational leadership. Transformational leadership style has a role to provide more positive encouragement to their subordinates so that they are motivated to do more than expected. Besides that, according to Mohamud et al., (2017), in his research stated motivation influences the performance of Hormood Company employees in Mogadishu Somalia. This means that all employees must be motivated to work and this will improve performance, in the way the productivity and effectiveness of the organization as a whole can be increased. Bagraim & Werner (2003); Yunita & Saputra (2019), states that the characteristics of motivated employees are that they always want to come to work, want to be part of a team at work, are interested in helping, supporting others at work, trying harder in their work, and contributing more in organization.

In addition to transformational leadership, organizational culture is also said to be able to influence employee job motivation. Some researchers state that organizational culture can affect job motivation, according to Mahal (2009), in his research stating that organizational culture is positively related to job motivation, so to increase employee motivation leaders must try to strengthen their organizational culture. This is supported by the research of Anra et al., (2017); Tobing & Syaiful (2016); Krisnanda & Surya (2019); and Pramudjono (2015), who stated that organizational culture has a positive and significant influence on job motivation. To assist organizations in increasing motivation is to have a strong organizational culture to support job motivation.

Other findings also state that in addition to job motivation, transformational leadership can also directly affect employee performance. Applying the right leadership style will give the final result in the form of improving employee performance. Syaifuddin (2016) states, transformational leadership has a significant effect on employee performance. A study in Pakistan that examined the influence between transformational leadership styles and transactional leadership on employee performance, the study stated that there was a significant positive relationship between transformational leadership styles on employee performance compared with transactional leadership (Rasool et al., 2015). In line with what was stated by Cailier (2014), when leaders practice transformational leadership styles employee performance is better than not practicing it, so it can be said that transformational leadership positively influences performance.

In addition to the direct influence between transformational leadership on employee performance, organizational culture is said to have a direct effect on employee performance. This is supported by Narayan (2017), who said that organizational culture can have various impacts on employee performance. A strong organizational culture will encourage employees to improve their performance (Narayan, 2017). Sihombing et al., (2016), states that there is a significant influence of organizational culture on employee performance. Anra et al., (2017), also concluded in his...
research that organizational culture directly affects the performance of lecturers at the University of Jambi. The results of the analysis of organizational culture variables explain that culture is a significant factor for improving employee performance, managers in organizations must translate this relationship into action (Sivakami & Samitha, 2018). However, Bassem & Saheb (2018), stated a different view that organizational culture does not affect employee performance. This can occur because employees do not fight for the same organizational culture as the organizational culture of the company. The difference in the results of this study is an underlying basis for reexamining the relationship between organizational culture and employee performance.

In addition, there are also previous studies that obtain different findings, namely organizational culture is not directly related to employee performance, but with the addition of mediation variables. The use of job motivation variables as mediating the relationship between organizational culture and employee performance is based on the empirical results of previous studies. Based on the research results of Bangun et al., (2018), job motivation plays a positive and significant mediating variable in explaining the influence of organizational culture on employee performance. Employees who already have a strong organizational culture will be motivated to work, he said, they are able to show performance and work results that are in accordance with the standards set by the company (Kawiana et al., 2018; Pant & Yadav, 2016).

**Literature Review and Hypothesis**

Research on performance suggests definitions that are consistent with this study. According to Ilham (2018), performance is the result of work both in quality and quantity achieved by an employee in carrying out their duties in accordance with the responsibilities given to him. Employee performance is work performance or work output (output) both quality and quantity achieved by employees per one time period in carrying out their work duties in accordance with the responsibilities given to them. According to Na-Nan & Chaiprasit (2018), performance indicators are divided into three, among other job quality, job quantity, and job time.

Job motivation is the process of influencing or encouraging within and outside oneself towards a person or workgroup so that they want to carry out their duties properly according to the provisions. When employees have high job motivation, it will lead to an increase in employee performance. Gagné et al., (2010), states that there are 4 (four) indicators of job motivation, namely intrinsic motivation, identified regulation, introjected regulation, and external regulation.

Leadership is the most talked about topic in management. Among leadership theories, nature theory, behavior theory, and contingency theory are called traditional leadership theories, while transformational and transactional theories are called new leadership theories (Rasool et al., 2015). Transformational leadership is all about encouraging others to develop and produce performance that exceeds expected standards. A leader who applies a transformational leadership style is able to inspire others to see the future with optimism, project an ideal vision, and be able to communicate a vision that can be achieved (Syafuddin, 2016). Meanwhile, transactional leadership is where a leader encourages his subordinates to work by providing resources and rewards in return for motivation, productivity, and task achievement.

Transformational leadership has the ability to bring about changes in the organization's vision, strategy, and culture. Whereas transactional leaders will be more inclined to maintain stability in the organization rather than promoting change. Transformational leadership is felt to be more in line with the conditions of the Regency / City KPU Secretariat in Bali which expects a change towards a better direction than by maintaining stability and current conditions that are not optimal in terms of employee performance. According to Obeidat et al., (2018), there are four indicators in transformational leadership, namely: idealized influence, inspirational motivation, intellectual stimulation, and individualized consideration.

Organizational culture is the values and symbols that are understood and obeyed by all members of the organization (Pawirosumarto, 2016). Strong organizational culture can encourage employees to have high motivation levels of employee motivation to work optimally. According to Ghosh & Bhupen (2014), there are seven indicators of organizational culture, namely participation, respect for the individual, attitude to risk, action orientation, trust, openness, and power distance.

**Hypothesis**

H1: Transformational leadership has a significant positive effect on employee performance
H2: Organizational culture has a significant positive effect on employee performance
H3: Transformational leadership has a significant positive effect on job motivation
H4: Organizational culture has a significant positive effect on job motivation.
H5: Job motivation has a significant positive effect on employee performance.
H6: Job motivation mediates the effect of transformational leadership on employee performance positively and significantly.
H7: Job motivation mediates the effect of organizational culture on employee performance positively and significantly.

2 Materials and Methods

The population in this study were all Regency / City KPU Secretariat staff as many as 134 people. The sample is determined based on the Slovin formula with a margin of error of 5%. Based on this formula the number of samples was 100 people. Determination of the sample in this study using the proportional random sampling method. Questionnaire distribution to the Regency / City KPU Secretariat in Bali which was divided into nine regencies and cities which included: Denpasar, Badung, Tabanan, Jembrana, Buleleng, Bangli, Karangasem, Klungkung, and Gianyar.

The method used in this study is a cross-sectional survey method in which to collect data using a questionnaire or structured questionnaire related to the research variables. The scale used is the Likert Scale, with the highest score variation (5) strongly agree to the smallest score (1) strongly disagree. The analysis used in this study is a quantitative analysis using Structural Equation Modeling (SEM) with the Partial Least Square (PLS) approach.

3 Results and Discussions

Evaluation of structural models or inner models is carried out to ensure that structural models are built strong and accurate. Testing can be done by calculating the value of R square ($R^2$) and predictive relevance ($Q^2$).

The results of the R Square value in Table 1. Shows the value of the employee performance variable of 0.687. This value can explain that 68.7% of changes in employee performance variables are quite strongly influenced by transformational leadership variables, organizational culture, and job motivation, while 31.3% of changes are influenced by variables outside the model. In the job motivation variable, 56.6% of the change is influenced by variables of transformational leadership and organizational culture, and 43.4% is influenced by variables outside the model.

<table>
<thead>
<tr>
<th>Variable</th>
<th>R Square</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance (Y)</td>
<td>0.687</td>
</tr>
<tr>
<td>Job Satisfaction (M)</td>
<td>0.566</td>
</tr>
<tr>
<td>Primary Data, 2019</td>
<td>0.687</td>
</tr>
</tbody>
</table>
variables can be explained by the variables used in the study, while the remaining 13.6% is explained by other variables outside the model.

Hypothesis testing result

The significance of the estimated parameters can be used to see the relationship between variables in the study. To test hypotheses, this is done by looking at the values in the path coefficients presented in Table 2.

<table>
<thead>
<tr>
<th>Variable</th>
<th>Path Coefficients</th>
<th>t Statistics</th>
<th>p Values</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trans. Leadership -&gt; Performance</td>
<td>0.378</td>
<td>2.971</td>
<td>0.003</td>
<td>H1 accepted</td>
</tr>
<tr>
<td>Org. Cultural -&gt; Performance</td>
<td>0.259</td>
<td>2.193</td>
<td>0.029</td>
<td>H2 accepted</td>
</tr>
<tr>
<td>Trans. Leadership -&gt; Job Motivation</td>
<td>0.405</td>
<td>3.253</td>
<td>0.001</td>
<td>H3 accepted</td>
</tr>
<tr>
<td>Org. Cultural -&gt; Job Motivation</td>
<td>0.426</td>
<td>3.528</td>
<td>0.000</td>
<td>H4 accepted</td>
</tr>
<tr>
<td>Job Motivation -&gt; Performance</td>
<td>0.300</td>
<td>2.765</td>
<td>0.006</td>
<td>H5 accepted</td>
</tr>
</tbody>
</table>

Primary Data, 2019

Hypothesis testing is evaluated by looking at the t-statistic value, as well as the p-value. At the t-statistic condition greater than t-table (1.96), and p-value below 0.05, the research hypothesis can be accepted. In Table 2, it is known that the effect of transformational leadership (X1) on employee performance (Y) has a t-statistic value of 2.971 and p-value of 0.003, then there is a positive and significant effect between transformational leadership (X1) on employee performance (Y), so H1 is accepted.

The influence of organizational culture (X2) on employee performance (Y) has a t-statistic value of 2.193 and p-value of 0.029, then there is a positive and significant effect between organizational culture (X2) on employee performance (Y), then H2 is accepted.

The role of job motivation mediation on the effects of transformational leadership on employee performance

The direct effect test results by including mediation in Table 2 shows that the transformational leadership coefficient value on performance is 0.378 with t-statistics value of 2.971 and p-value of 0.003. Job motivation as a mediating variable has a VAF value of 0.244 (24.4%) obtained from the division between indirect effects divided by the total effect (0.122 / 0.500). So it can be concluded that job motivation has a partial mediating role in the relationship between transformational leadership and employee performance, which means transformational leadership is able to influence employee performance directly or indirectly through job motivation. So H6 which states that job motivation acts as a mediator of the relationship between transformational leadership and employee performance is acceptable.

The role of job motivation mediation on the effects of organizational culture on employee performance

The direct effect test results by including mediation in table 2. show that the coefficient value of organizational culture on performance is 0.259 with t-statistics value of 2.193 and p-value 0.029, so the hypothesis is accepted. Job motivation as a mediating variable has a VAF value of 0.330 (33.0%) obtained from the division between indirect effects divided by the total effect (0.128 / 0.388). It can be concluded that job motivation has a partial mediating role in the relationship between organizational culture and employee performance, which means that organizational culture is able to influence employee performance directly or indirectly through job motivation. So the hypothesis which states that job motivation acts as a mediator of the relationship between organizational culture and employee performance can be accepted.
The effect of transformational leadership on employee performance

Hypothesis testing shows that transformational leadership influences employee performance positively and significantly. This means that the better the leader of the Regency / City KPU in Bali applies the transformational leadership style, the better the employee performance will be. Leaders always motivate subordinates and instill confidence that the goals of the organization will be achieved. With an inspiring passion and concern for each individual, leaders can be trusted by their subordinates so that their subordinates will be encouraged to improve their performance. The results of this study are also supported by previous studies, one of which is Syaifuddin (2016), who states that transformational leadership has a positive and significant effect on performance. There is a significant positive relationship between transformational leadership style on performance compared with transactional leadership (Rasool et al., 2015). As stated by Caillier (2014), when leaders practice transformational leadership styles, employee performance is better than not practicing it, so that transformational leadership positively influences performance.

The effect of organizational culture on employee performance

Hypothesis testing results show that organizational culture influences employee performance positively and significantly. That is, the stronger the organizational culture understood and applied by the Regency / City KPU Secretariat Staff in Bali will directly be able to improve their performance. The openness of information that can be accessed by all members of the organization becomes an important point to strengthen organizational culture. The disclosure of information and the involvement of all members of the organization towards the achievement of organizational goals can encourage employee performance improvement in the quality of work and the timeliness of completing work. The results of this study are also supported by previous studies, one of which is Sivakami & Samitha (2018), which states that culture is a significant factor to improve the performance of employees and managers in organizations must translate this relationship into action. Thuku et al., (2016), states that organizational culture influences employee performance positively and significantly. Organizational culture is the values and beliefs held by an organization, the stronger the culture is believed by members of the organization, the higher the performance of its employees.

The effect of transformational leadership on job motivation

The results of this study indicate that transformational leadership has a positive and significant effect on job motivation. This means that the better the Chairperson of the Regency / City KPU Secretariat in Bali adopt a transformational leadership style, it will increase employee motivation at work. With the positive encouragement given by the leadership, this work was felt to be able to provide a pleasant experience for the staff of the Regency / City KPU Secretariat in Bali so that motivation within themselves to work better appeared. The results of this study are supported by several previous studies, one of which is Chukwura & Francisca (2016), transformational leadership styles have a strong positive correlation with employee motivation while destructive and toxic leadership styles negatively impact motivation. Ullah et al., (2018), also states that transformational leadership styles can influence employee motivation by inspiring subordinates.

The effect of organizational culture on job motivation

The results of this study indicate that there is a positive and significant influence between organizational culture on job motivation. That is, a strong organizational culture will create high job motivation so that it can create a good working atmosphere within the Regency / City KPU Secretariat in Bali. With a strong organizational culture in the Secretariat of Regency / City KPU in Bali felt able to foster motivation in employees who cause employees to work comfortably so that they have high motivation in working. The results of this study are also supported by previous studies one of which is Mahal (2009), in his research stating that organizational culture is positively related to job motivation, so to increase motivation among employee leaders must strive to strengthen organizational culture. In line with previous research, according to Tobing & Syaiful (2016); Hakim (2012); and Anra et al., (2017), organizational culture has a significant influence on job motivation.
The effect of job motivation on employee performance

The results of this study indicate that there is a positive and significant effect on job motivation on employee performance. The higher the motivation of Regency / City KPU Secretariat staff in Bali to work, their performance will also increase. When employees find this work interesting and fun and employees give high marks to this work will be able to improve the quality of work and the timeliness of them in completing work. This research is also supported by the results of previous studies namely Hakim (2012), in his research stating that job motivation affects employee performance, the more increased employee motivation will be able to improve employee performance. According to Mohamud et al., (2017), in his study stated that employee motivation affects the performance of Hormuud Company employees in Mogadishu Somalia. This means that all employees must be motivated to improve performance, in this way the overall productivity and effectiveness of the organization can be improved.

Job motivation mediates the effect of transformational leadership on performance

The results of this study indicate that the job motivation variable has a role as a partial mediation between transformational leadership on employee performance, which means transformational leadership is able to influence employee performance directly or indirectly through job motivation. By giving encouragement from the leadership that includes the important values of the institution, motivation that is able to inspire, encouraging to see the problem from a different perspective, and having a concern for everyone in the organization can affect employee performance improvement. The results of this study are also supported by previous research namely Syafii et al., (2015), states that job motivation positively mediates the effect of transformational leadership on employee performance. Sappe et al., (2016), states the effect of leadership on employee performance through job motivation is meaningful and full of character as an intervening variable.

Job motivation mediates the effect of organizational culture on performance

The results of this study indicate that the variable job motivation has a role as a partial mediation between organizational culture on employee performance, which means that organizational culture is able to influence employee performance directly or indirectly through job motivation. Information disclosure and involvement of all members of the organization towards the achievement of organizational goals can lead to increased job motivation. When employees feel this job is right and can fulfill their life goals, high motivation will appear to improve employee performance. This research is supported by the empirical results of previous studies. Bangun et al., (2018), the results of his research indicate that the relationship between organizational culture and lecturer/employee performance can be considered indirectly because it is fully mediated by increased lecturer/employee motivation. According to Manggis et al., (2018), job motivation is able to mediate positively and significantly on the indirect effect of organizational culture on employee performance.

4 Conclusion

This research shows that the better the leadership of the Regency / City KPU Secretariat in Bali applying the transformational leadership style will encourage direct employee performance improvement. Leaders' beliefs that organizational goals will be achieved provide motivational encouragement that can inspire subordinates to improve their performance as indicated by the quality of work and the timeliness of completing work. In addition, this research shows that when employees are able to understand organizational culture great they will be able to encourage them to improve their performance. Information openness, the participation of all members of the organization in achieving organizational goals and mutual trust between members of the organization creates a strong bond to work collectively, by working collectively employees will be able to improve their performance in terms of quality of work and timeliness of completing work. If employees feel this job is fun and able to fulfill their life goals, they will feel highly motivated to be able to improve their performance. When this high job motivation is able to be developed by the leadership of the Regency / City KPU Secretariat in Bali, the employee's performance in terms of quality of work and timeliness in completing work will increase even more.
Research Limitation

This research depends on the results of the questionnaire so that respondents have the potential to give answers that are considered in accordance with certain values that can be accepted in their social environment so that it can distort the average value for each variable. This research was conducted with a cross-sectional time design, with the dynamics of change in each period. In addition, this research can be generalized to the KPU Secretariat only because fluctuating working conditions can change each period in accordance with the activities of the electoral stages that are held.

Conflict of interest statement
The authors declared that they have no competing interests.

Statement of authorship
The authors have a responsibility for the conception and design of the study. The authors have approved the final article.

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References


Mahal, P. K. (2009). Organizational Culture and Organizational Climate as a Determinant of Motivation. IUP Journal of Management Research, 8(10).


Tobing, D. S. K., & Syaiful, M. (2018). The Influence Of Transformational Leadership And Organizational Culture On Work Motivation And Employee Performance At The State Property Service Office And Auction In East Java Province.


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