

Transformational or Transactional Leadership Style: Which Affects Work Satisfaction and Performance of Islamic University Lecturers During COVID-19 Pandemic?

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ABSTRACT

This study aim is to measure the effect of transformational or transactional leadership style on work satisfaction and work performance of Islamic university lecturers during COVID-19 Pandemic in Jakarta. Data collection was carried out through quantitative questionnaires with simple random sampling via electronic to Islamic university lecturers population in Jabodetabek during COVID-19 pandemic. The results of the questionnaire returned and valid were 120 samples. Data processing used the SEM method with SmartPLS 3.0 software. The results of this study concluded that transformational leadership has a positive and significant effect on Islamic university lecturers satisfaction, transactional leadership has no significant effect on Islamic university lecturers satisfaction. This new research proposes a model to build work satisfaction for Islamic university lecturers in Jakarta through improving the transformational leadership. The research implications are discussed in relation to Islamic University supervisors and principals, as well as policy makers at the government level.

Keywords: COVID-19 pandemic, transformational leadership, transactional leadership, work satisfaction, Islamic university lecturers.

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INTRODUCTION

The Corona virus has hit almost all countries in the world, including in Indonesia. The very rapid spread has a very concerning effect. As in Indonesia, the impact of this virus has made the government act decisively in providing policies so that all people reduce their activities / at home only if there are no matters that are too important to leave the house and urge not to create activities that invite a crowd of people. The Covid-19 pandemic is a world problem. Based on data from the World Health Organization (WHO) this pandemic has reached around 215 countries affected, including Indonesia. The development of the spread of Covid-19 in Indonesia is still increasing when viewed from daily statistical data on the number of cases. Thus, efforts are needed to build self-quality in the midst of this pandemic. During this pandemic, lecturers did not take holidays, but worked from home without anyone watching. So that it takes awareness to discipline yourself. Discipline is the entrance to success. Work activities must be carried out according to the set targets. This virus causes casualties every day, therefore the government asks the public to stay safe at home to maintain physical distance (Physical Distancing) and social distancing (Social Distancing) and even carry out regional quarantine to

prevent the spread of the Corona virus. The use of digital technology is the answer that is now being chosen by the people of Indonesia and the world. Depend on interactions through cyberspace such as online meetings, online

graduations, online learning and everything is completely online. Overseas people who want to use the opportunity to return home to gather with their families are delayed.

In this case utilizing applications as a method of delivery, interaction and facilitation. In it there is support for learning services that can be used by learning participants. The presence of internet technology is one of the factors that causes changes in human lifestyles in interacting with the outside world. Along with the times, the emergence of smartphones or smart devices based on Android has become the people's choice as a means of accessing the internet as a substitute for computers / laptops because they have complete features. One of the "lessons" behind the Covid-19 pandemic crisis is the onlineization of most formal education activities, including lectures. You could say that almost one hundred percent of lecturing activities are carried out online, even including final examinations at all levels (thesis, thesis or dissertation). It seems that it is not an exaggeration if Covid-19 has revolutionized the mode of study. This is because not only students who are already familiar with digital platforms, but also the senior generation (generation X and baby boomers) are forced to use e-learning applications. Online lectures do offer a variety of conveniences and conveniences. Among them, flexibility in space (placeless) and time (timeless). Lecturers and students do not have to physically meet so that lectures can be accessed anywhere as long as they can be reached by internet signals. Likewise in the upload and download method, lectures can be done anytime as needed. Lecturers and students can do both at the

Transformational or Transactional Leadership Style: Which Affects Work Satisfaction and Performance of Islamic University Lecturers During COVID-19 Pandemic?

most convenient time. The exception is if there is a rule or agreement that lectures are conducted live at a certain time. Accuracy of quantitative performance measurement through results-based digital automation (output). For example, what materials and assignments are posted and submitted, the duration of teaching, the intensity of online student attendance, student work results (assignments and exams) and so on. All of that can be recorded even perfectly illustrated by digital devices. This includes ensuring whether the work of lecturers and students (especially academic ones) contains plagiarism or not.

Online lectures make integration with the international world easier and cheaper. Collaboration in many ways, such as research, institutional cooperation, exchange of lectures and examiners (especially for final assignments) with universities abroad can simultaneously be a domino effect that accompanies it. An outside lecturer, for example, may fill out an online lecture in a certain class as a guest lecturer. The same can be done in the final exam trial. This of course can be a separate point to raise the rating (grade) of the institution. However, online lectures also pose a number of challenges. Especially the mindset of all academicians who still strongly rely on conventional modes. This implies at least for administrative procedures. The paradigm that is still stuck is the performance based on space and time that is certain (fixed). That is, physical presence largely determines administrative records. Both for lecturers as proof of attendance that determines the amount of rights received, as well as for students for attendance which also has consequences on the evaluation of the assessment.

Next comes infrastructure management that is not yet familiar with online mode. There are not a few cases where lecturers and students complain. This is due to the availability of an internet network which is often inadequate, large quotas that make it less friendly to student pockets, different platforms used among lecturers, making it difficult for institutions to administer and students to access lectures, to the level of ability to operate different digital devices. Interestingly, the pandemic crisis has forced all of these things to be fixed immediately. Some institutions even issued affirmative policies in the form of quota assistance for lecturers and students, uniform platforms to crash training to operate the required software. Indeed, the mainstream assumption considers that online lectures are more efficient. However, this is likely to apply if done thoroughly. That is, by eliminating conventional lectures altogether. He will cut various costs contained in conventional modes, such as boarding fees for students, building maintenance costs for institutions, cleaning service personnel costs, transportation costs to campus every day and so on. On the other hand, if you combine conventional and online courses there is a big possibility that the financing will double. This is because the financing for conventional lectures remains valid coupled with online lecture financing such as the cost of buying platforms for institutions, internet quota fees, adequate smartphone fees and so on. Finally, the substantive challenges in the form of learning objectives, especially those related to character building and the human side. Online lectures, in the experience of some people, feel inadequate in accommodating this. Indeed, virtual encounters have forced people to keep quiet and waste time. However, the side effect is that the relationship tends to be mechanistic and less emotional. Students and lecturers may carry out their function only to abort obligations. Does not involve much of the affective or psychomotor aspects. This certainly makes it difficult, for example, how to train students' skills in facing society or living in society.

How do lecturers understand their leadership? Do they think of him as a transformational or transactional leader? How is

the relationship between work satisfaction and lecturer performance? A number of researchers have investigated the relationship between university leadership style, satisfaction and lecturer performance (Asbari et al., 2020; Purwanto, Bernarto, et al., 2020; Purwanto, Wijayanti, et al., 2019). However, an important factor that has often not been included in previous investigations is the perception of lecturers' work. This variable includes a number of aspects related to the concept of teaching as a profession, namely professional prestige, professional identification and social status, a sense of self-fulfillment, scope for oneself, self-development, and work autonomy. The aim of the current study was to examine the effect of two factors on lecturers' satisfaction from their works, namely the influence of university leadership styles (transformational or transactional) and their work satisfaction.

LITERATURE REVIEW AND HYPOTHESES **Transformational and Transactional Leadership**

Over the past decade, the university has made fundamental changes in areas such as curriculum development, the role of lecturers, and learning strategy. These changes have brought about changes in the philosophy that dominate the field of educational leadership. As Leithwood (1992, 1994) shows that this form of instructional leadership is appropriate to the world of education, both in the 1980s and 1990s. However, the changes made during the 1990s could not be overcome by the function of the University Leader as an instructional leader. The concept of transformational leadership has gradually begun to shift the concept of instructional leadership, as the hope of the education world for university leaders to bring visionary leadership types into the organization. A mandate that instructional leaders find difficult to fulfill. Leithwood and Jantzi (1990) show that university leaders who are successful in their work have used various mechanisms to motivate and activate their staff to bring about change in their university culture. Referring to transformational leadership, Burns (1978) describes their followers and leaders as inspiring each other to attain "a higher level of morality and motivate justice and equality. Meanwhile, transactional leadership refers to the exchange relationship between leaders and their followers. Each "makes a deal" because of the expectation to meet each other's interests and this is the leader's way of maintaining performance by satisfying the needs of followers. (Asbari et al., 2020; Purwanto, Asbari, et al., 2019) indicate that transformational leadership binds leaders and followers in a collaborative process and thus contributes to the performance of the entire organization. Transactional leadership, meanwhile, does not bind leaders and followers in any way of collaboration. Therefore, this type of leadership results in a routine, uncreative but stable organizational environment. In contrast to transformational leadership which requires a responsive attitude and an innovative environment. Perceptions of this leadership style contain an assessment that transformational leadership is described as more beneficial than transactional leadership.

In validating Burns' leadership concept, Bass (1985) developed the Multifactor Leadership Questionnaire (MLQ). By analyzing the factors, Bass was able to identify three transformational sub-factors of leadership that were labeled charisma, personal consideration, and intellectual stimulation. Bass also identified two sub-factors of transactional leadership labeled contingent reward and management by exception. According to Bass, charisma is the individual's ability to arouse followers and lead them to follow the leader's vision and mission. Personal consideration is a leader's ability to pay personal attention to followers, while intellectual stimulation is a leader's ability to motivate

Transformational or Transactional Leadership Style: Which Affects Work Satisfaction and Performance of Islamic University Lecturers During COVID-19 Pandemic?

followers to think in innovative and unusual solutions to various problems at hand. Later, Bass and Avolio (1990) added another factor, namely inspiration to describe transformational leadership. Even so, the ability to inspire is considered closely related to charisma and because it is often seen as the same constituent. Leithwood and Jantzi (2000) identified six main characteristics of transformational educational leaders, namely building a university's vision and goals, providing intellectual stimulation, offering individualized support, symbolizing professional practices and values, showing high performance expectations, and developing structures to foster participation in university decisions. Contingent reward, a subfactor of transactional leadership, relates to situations in which a leader rewards followers for completing an agreed-upon task. Management by exception is another subfactor that describes transactional leadership, relating to situations where the leader only responds in cases when there is a problem. Then, this factor is as conceived in two forms: passive and active (Bass & Avolio, 1990). This subfactor, management by exception, appears to be a negative attribute of leadership (Geijsel, Slegers, & Berg, 1999; Silins, 1994). In relation to educational settings, transactional leadership has been described as having four dimensions, namely staffing, instructional support, monitoring school activities, and community focus (Leithwood & Jantzi, 2000).

Lecturer Work Satisfaction

The mission of education seems to depend on how the lecturers feel about their work and how satisfied they are with it. Therefore, it is not surprising that researchers suggest that universities should pay more attention to increasing lecturer work satisfaction (Heller, Clay, & Perkins, 1993). Most of the research on lecturer work satisfaction has its roots in the earlier research of Herzberg, Mausner, and Snyderman (1959) that identified motivation factors and hygiene factors. Herzberg's Two-Factor Theory identified that motivation factors are related to psychological needs. This need includes a series of intrinsic conditions, work satisfaction (work content) which, if present in the work, will drive a strong level of motivation, which can result in achievement. Motivation factors are related to personal appreciation that is directly related to work. These factors are called satisfiers which include achievement, recognition, work itself, responsibility, and opportunities to develop. Meanwhile, the hygiene factor or maintenance factor is a maintenance factor related to human nature who wants to get physical peace. This health need according to Herzberg is a need that lasts continuously, because this need will return to zero after being met. This factor is related to work extrinsic matters, such as working conditions, supervision, work policies, salaries, and interpersonal relationships (Dinham & Scott, 1998).

The extensive literature supports claims that work satisfaction is positively associated with participatory decision making and transformational leadership (Maeroff, 1988; Rossmiller, 1992). Overall, lecturers reported greater satisfaction in their work when they viewed their university head as someone who shared information with others, delegated authority, and maintained open communication with lecturers. (Imper et al., 1990; Rice & Schneider, 1994). The satisfaction of teaching lecturers is also associated with higher autonomy in the workplace (Hall, Pearson, & Carroll, 1992; Poulin & Walter, 1992) and with other aspects that are involved. related to the teaching profession. Goodlad (1984) found that lecturers who reported that they chose works because of inherent professional values expressed higher levels of satisfaction and greater commitment than their peers who went to teach for economic reasons. Hall et

al (1992) revealed that lecturers planning to leave the profession expressed less work satisfaction and more negative attitudes towards teaching as a career. Lecturer work satisfaction is also related to lecturer retention through various aspects such as satisfaction with university leadership leadership (Betancourt-Smith, Inman, & Marlow, 1994) and general satisfaction (Zigarelli, 1996). Reyes and Shin (1995) found that lecturer work satisfaction is a determinant of dosendan commitment and that it must exist before individuals make organizational commitment. lecturers derive work satisfaction from their relationship with current and previous students, the relationship between lecturers and parents and colleagues (Dinham, 1995). Dinham (1995) also found that interpersonal relationships were among the main sources of lecturer satisfaction, whereas sources of lecturer work dissatisfaction were related to structural and administrative factors. Another indication for the importance of the lecturer-student relationship is found in Gay's (1995) study, which revealed that the most effective lecturers emphasize the student-lectures relationship. As Shann (1998) concluded that the lecturer-student relationship was the most important and reported a more satisfied relationship with aspects of their work than others. Knowing their students achieve their accomplishments and watching them learn from their experiences, in addition to using the skills they have acquired, is a major source of work satisfaction among professors. Student achievement was identified as a very important source of lecturer satisfaction, according to an interesting finding of the study (Dinham, 1995).

Lecturers' Work Perceptions

The term lecturer work perception refers primarily to the intrinsic and extrinsic dimensions of a lecturer work. Intrinsic traits are related to aspects of teaching such as autonomy at work (Pearson, 1995), professional pride and status, personal development, and self-esteem. Extrinsic nature refers to the physical aspects of the workplace and its benefits (for example: salary). Obviously, these two types of aspects relate to problems related to teaching work as a profession. In relation to the work satisfaction of lecturers, it is hypothesized that a lecturer work description is a profession that provides high status, good individual promotion opportunities, the possibility for self-development, and personal growth (among others) will positively influence their work satisfaction measures. Sergiovanni (1967) too, in trying to test Herzberg's two-factor theory and confirm the findings of Herzberg et al. (1959). Sergiovanni found that satisfiers are responsible for achievement, recognition, and responsibility and dissatisfiers including interpersonal relationships with peers and subordinates, supervision (technical), and university policy. In a study examining the effects of leader behavior, it was found that work status is an important factor in predicting satisfaction (House, Filley, & Kerr, 1971). The effect of perceptions of lecturer autonomy in the classroom was also examined and found to be positively correlated with work satisfaction (Kreis & Brockoff, 1986). Lecturer empowerment is another aspect of dosen perceptions of their work. It refers to professional growth, autonomy, self-efficacy, impact (lecturers' perceptions of their ability to influence university performance), professional rewards, and involvement in decisions that directly influence their work (Sheppard, 1996). Sheppard (1996) found a positive relationship between the instructional leadership behavior of university heads, teaching quality, learning and professional engagement. Professional engagement is here defined as the degree to which lecturers feel involved about their work, want to learn from each other, and are committed to professional development. Dinham and Scott (1998) found that lecturers were most satisfied with

Transformational or Transactional Leadership Style: Which Affects Work Satisfaction and Performance of Islamic University Lecturers During COVID-19 Pandemic?

matters intrinsic to their work, such as self-growth, mastery of professional skills, and a supportive environment. This finding implies that lecturers really value the professional aspect of their work.

Community Based on the theoretical study and previous research above, the research model is as in Figure 1. The research hypothesis is as follows:

H1: Transformational leadership has a significant effect on lecturer work satisfaction

H2: Transactional leadership has a significant effect on lecturer work satisfaction

H3: Transformational leadership has a significant effect on lecturer performance

H4: Transactional leadership has a significant effect on lecturer performance

H5: Lecturer satisfaction has a significant effect on lecturer performance

H6: Transformational leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction

H7: Transactional leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction

METHODS

The method used in this research is quantitative method. Data collection is carried out by distributing questionnaires to all university lecturers in Jakarta during the COVID-19 pandemic. The instrument used to measure all the variables of this study was adapted from (Bogler, 2001), with 5 items for each variable. The questionnaire is designed closed except for questions / statements regarding the identity of the respondent in the form of a semi-open questionnaire. Each closed question / statement item is given five answer options, namely: strongly agree (SS) score 5, agree (S) score 4, disagree (KS) score 3, disagree (TS) score 2, and strongly disagree (STS) score 1. The method for processing data is by using PLS and using SmartPLS version 3.0 software as a tool. The population in this study were university lecturers in the Jakarta area, whose numbers have not been identified with certainty. The questionnaires were distributed electronically using simple random sampling technique. The results of the questionnaire returned were 120 questionnaires

Table 1. Profile of respondents

	Criteria	Total
Age	< 30 years	40
	30 - 40 years	60
	> 40 years	20
Working period as lecture	< 5 years	60
	5-10 years	40
	> 10 years	20
Education	< S2 (Master degree)	90
	≥ S2 (Doctoral degree)	30

For respondents who were under 30 years old were 50lectures, respondents aged 30-40 years were 60 lectures and respondents aged over 40 years were 20lectures. There were 60 respondents for Working period as lecture under 5 years, 40 respondents for working period as lectures for 5 - 10 years, and 20 lectures for Working period as lectures over 10 years. For respondents with education levels below the bachelor's degree, there were 90lectures, and respondents with education levels above the bachelor's degree were 30lectures.

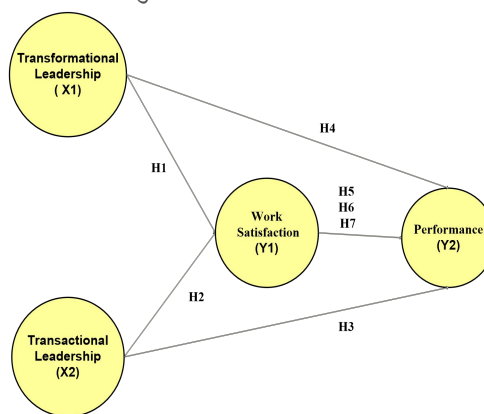


Figure 1. Research Framework

Based on the theoretical study and previous research above, the research model is as in Figure 1. While the research hypothesis is as follows:

H1: Transformational leadership has a significant effect on lecturer work satisfaction

H2: Transactional leadership has a significant effect on lecturer work satisfaction

H3: Transformational leadership has a significant effect on lecturer performance

H4: Transactional leadership has a significant effect on lecturer performance

H5: Lecturer satisfaction has a significant effect on lecturer performance

H6: Transformational leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction

H7: Transactional leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction

RESULT AND DISCUSSION

Testing of the Validity and Reliability of each Indicator

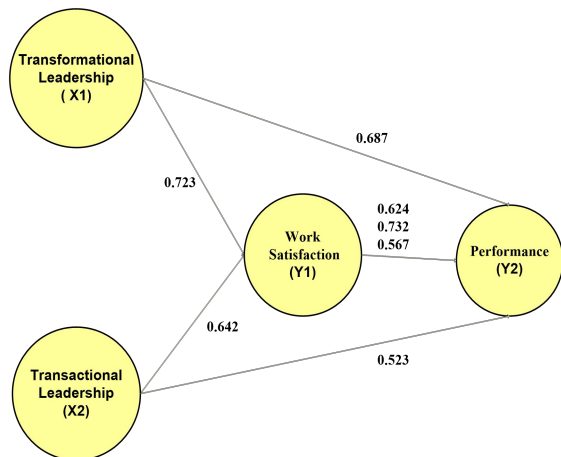
This testing phase includes testing for convergent validity, discriminant validity and composite reliability. The results of the PLS analysis can be used to test the research hypothesis if all indicators in the PLS model have met the requirements of convergent validity, discriminant validity and reliability testing.

1. Convergent Validity Testing indicators

Convergent validity test is done by looking at the loading factor value of each indicator against the construct. Based on the reference, factor weights of 0.5 or more are considered to have sufficiently strong validation to explain latent constructs (Chin, 1998; Hair et al, 2010; Ghozali, 2014). In this study, the minimum accepted factor value is 0.5, provided that the AVE value of each construct is > 0.5 (Ghozali, 2014).

Transformational or Transactional Leadership Style: Which Affects Work Satisfaction and Performance of Islamic University Lecturers During COVID-19 Pandemic?

Figure 2. Estimation valid model



Based on the estimation results of the PLS model in the figure 2 above, all indicators have a loading factor value above 0.5 so that the model has met the convergent validity requirements. Convergent validity was also assessed from the AVE value of each construct. The AVE value of each construct of this study was above 0.5. So the convergent validity of this research model has met the requirements. The value of loadings, cronbach's alpha, composite reliability and AVE for each complete construct can be seen in table 2 below:

Table 2. Average Variance Extracted (AVE)

Variables	Items	Loadings	Cronbach's Alpha	Composite Reliability	AVE
Transformational (X1)	X11	0.821	0.891	0.712	0.721
	X12	0.623			
	X13	0.781			
Transactional (X2)	X21	0.792	0.810	0.713	0.824
	X22	0.908			
	X33	0.693			
Work Satisfaction (Y1)	Y11	0.892	0.712	0.823	0.824
	Y12	0.690			
	X13	0.789			
Lectures Performance (Y2)	Y21	0.892	0.612	0.782	0.783
	Y22	0.901			
	Y23	0.891			

3. Construction Reliability Testing

Construct reliability can be assessed from the Cronbach's alpha value and the composite reliability of each construct. The recommended composite reliability and cronbach's alpha value is more than 0.7. (Ghozali, 2014) The results of the reliability test in Table 2 above show that all constructs have a composite reliability value and Cronbach's alpha is greater than 0.7 (> 0.7). In conclusion, all constructs have met the required reliability.

Testing of the validity of discriminant variables

Discriminant validity testing is performed to ensure that each concept of each latent variable is different from other latent variables. The model has good discriminant validity if the AVE square value of each exogenous construct (the value on the diagonal) exceeds the correlation between this construct and other constructs (values below the diagonal) (Ghozali, 2014). The results of discriminant validity testing using the AVE square value, namely by looking at the Fornell-Larcker Criterion Value are obtained as follows:

Table 3. Discriminant Validity

Variables	X1	X2	Y1	Y2
X1	0.723			
X2	0.792	0.871		
Y1	0.875	0.863	0.826	
Y2	0.782	0.821	0.781	0.871

The results of the discriminant validity test in table 3 above show that all constructs have a square root value of AVE above the correlation value with other latent constructs (through the Fornell-Larcker criteria) so that it can be concluded that the model has met discriminant validity.

Table 4. R Square Value

	R Square	R Square Adjusted
Lectures' Performance (Y2)	0.892	0.701
Lectures' Satisfaction (Y1)	0.781	0.823

Based on Table 4 above, the value of R Square Y1 is 0.781, which means that the lecture satisfaction (Y1) variable can be explained by the transformational leadership (X1) and transactional leadership (X2) variables of 78.1%, while the remaining 21.9% is explained by other variables not discussed in this study. Meanwhile, the value of R Square Y2 is 0.892 which means that the variable of lecturer performance (Y2) can be explained by the variables of transformational leadership (X1), transactional leadership (X2) and work satisfaction (Y1) of 89.2%, while the remaining 11.8% is explained by variables. others that were not discussed in this study.

Hypothesis Testing

Hypothesis testing in this PLS includes testing the significance of direct and indirect effects and measuring the influence of exogenous variables on endogenous variables. To determine the effect of transactional leadership, transactional leadership and organization learning on lectures innovation capability, a direct effect test is needed. The direct effect test was carried out using the t-statistical test in the partial least squared (PLS) analysis model using the SmartPLS 3.0 software. With the bootstrapping technique, the R Square value and the significance test value are obtained as shown in the table 5 below:

Table 5. Hypothesis Testing Result

Hypothesis	Relationship	Beta	SE	T	P-Values	Decision
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Transformational or Transactional Leadership Style: Which Affects Work Satisfaction and Performance of Islamic University Lecturers During COVID-19 Pandemic?

		Statistics					
H1	X1 -> Y1	0.343	0.031	3.123	0.001	Supported	
H2	X2 -> Y1	0.356	0.042	3.213	0.000	Supported	
H3	X1-> Y2	0.301	0.021	4.124	0.001	Supported	
H4	X1-> Y2	0.342	0.034	4.091	0.000	Supported	
H5	Y1-> Y2	0.309	0.032	4.022	0.001	Supported	
H6	X1->Y1->Y2	0.305	0.045	3.123	0.000	Supported	
H7	X2-> Y1->Y2	0.301	0.034	2.987	0.001	Supported	

Table 5 shows the T Statistics and P-Values which show the influence between the research variables that have been mentioned. In summary, transformational leadership has a positive and significant effect on work satisfaction, both directly and through work perception media. So H1, H3, H5 and H6 are accepted. Meanwhile, transactional leadership has a significant effect on work satisfaction of lecturers, both directly and through mediation of lecturers' work perceptions. So H2, H4, and H7 are accepted.

H1: Transformational leadership has a significant effect on lecturer work satisfaction

Based on the hypothesis testing results, it was found that the Beta value was 0.343, SE 0.031, T Statistics 3.123 and P-Values 0.001 so it can be concluded that Transformational leadership has a significant effect on lecturer work satisfaction. These results are in line with the research conducted by Purwanto (2019) that Transformational leadership has a significant effect on work satisfaction of lecturers, Purwanto (2020) that Transformational leadership has a significant effect on work satisfaction, Asbari (2019) states that Transformational leadership has a significant effect on work satisfaction. 2020) that Transformational leadership has a significant effect on lecturer work satisfaction, Santoso (2019) that Transformational leadership has a significant effect on lecturer work satisfaction, Wijayanti (2019) that Transformational leadership has a significant effect on lecturer work satisfaction, Hyun (2019) states that Transformational leadership has a significant effect on Lecturer work satisfaction, Bernarto (2019) states that Transformational leadership has a significant effect on work satisfaction.

H2: Transactional leadership has a significant effect on lecturer work satisfaction

Based on the hypothesis testing results, it was found that the Beta value was 0.356, SE 0.042, T Statistics 3.213 and P-Values 0.000, so it can be concluded that Transactional leadership has a significant effect on lecturer work satisfaction. These results are in line with research conducted by Purwanto (2019) that Transactional leadership has a significant effect on work satisfaction of lecturers, Santoso (2019) that Transactional leadership has a significant effect on work satisfaction of lecturers, Wijayanti (2019) that Transactional leadership has a significant effect on work satisfaction, Asbari (2019) that Transactional leadership has a significant effect on work satisfaction of lecturers, Bernarto (2019) that Transactional leadership has a significant effect on work satisfaction.

H3: Transformational leadership has a significant effect on lecturer performance

Based on the hypothesis testing results, it was found that the Beta value was 0.301, SE 0.021, T Statistics 34.124 and P-Values 0.001 so that it was concluded that Transformational leadership had a significant effect on lecturer performance. This result is in line with research conducted by Purwanto (2019) that Transformational

leadership has a significant effect on lecturer performance, Purwanto (2020) that Transformational leadership has a significant effect on lecturer performance, Asbari (2019) states that Transformational leadership has a significant effect on lecturer performance, Purwanto (2020)) that Transformational leadership has a significant effect on lecturer performance satisfaction, Santoso (2019) that Transformational leadership has a significant effect on lecturer performance satisfaction, Wijayanti (2019) states that Transformational leadership has a significant effect on lecturer performance satisfaction, Hyun (2019) states that Transformational leadership has a significant effect on performance lecturer, Bernarto (2019) that Transformational leadership has a significant effect on lecturer performance.

H4: Transactional leadership has a significant effect on lecturer performance

Based on the hypothesis testing results, it was found that the Beta value was 0.342, SE 0.034, T Statistics 4.091 and P-Values 0.000 so it was concluded that Transactional leadership had a significant effect on lecturer performance. These results are in line with the research conducted by Purwanto (2019) that Transactional leadership has a significant effect on lecturer performance, Santoso (2019) that Transactional leadership has a significant effect on lecturer performance, Wijayanti (2019) that Transactional leadership has a significant effect on lecturer performance, Asbari (2019)) that Transactional leadership has a significant effect on lecturer performance, Bernarto (2019) that Transactional leadership has a significant effect on lecturer performance.

H5: Lecturer satisfaction has a significant effect on lecturer performance

Based on the hypothesis testing results, it was found that the Beta value was 0.309, SE 0.032, T Statistics 4.022 and P-Values 0.001, so it was concluded that lecturer satisfaction had a significant effect on lecturer performance. These results are in line with the research conducted by Purwanto (2019) that lecturer satisfaction has a significant effect on lecturer performance, Santoso (2019) that lecturer satisfaction has a significant effect on lecturer performance, Wijayanti (2019) that lecturer satisfaction has a significant effect on lecturer performance, Asbari (2019)) that lecturer satisfaction has a significant effect on lecturer performance, Bernarto (2019) that lecturer satisfaction has a significant effect on lecturer performance.

H6: Transformational leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction

Based on the hypothesis testing results, it was found that the Beta value was 0.305, SE 0.045, T Statistics 3.123 and P-Values 0.001 Transformational leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction. These results are in line with the research conducted by Purwanto (2019) that Transformational leadership has a significant effect on lecturer performance

Transformational or Transactional Leadership Style: Which Affects Work Satisfaction and Performance of Islamic University Lecturers During COVID-19 Pandemic?

through mediation of lecturer work satisfaction, Purwanto (2020) that Transformational leadership has a significant effect on lecturer performance, Asbari (2019) states that Transformational leadership has a significant effect on performance lecturer, Purwanto (2020) that Transformational leadership has a significant effect on lecturer performance satisfaction through mediation of lecturer work satisfaction, Santoso (2019) that Transformational leadership has a significant effect on lecturer performance satisfaction, Wijayanti (2019) that Transformational leadership has a significant effect on lecturer performance satisfaction, Hyun (2019) that Transformational leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction, Bernarto (2019) that Transformational leadership has a significant effect on lecturer performance through mediation of satisfaction lecturer work.

H7: Transactional leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction

Based on the hypothesis testing results, it was found that the Beta value was 0.301, SE 0.034, T Statistics 2.987 and P-Values 0.001 so that it was concluded that transactional leadership had a significant effect on lecturer performance through mediation of lecturer work satisfaction. This result is in line with the research conducted by Purwanto (2019) that Transactional leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction through mediation of lecturer work satisfaction, Santoso (2019) that Transactional leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction, Wijayanti (2019) that Transactional leadership has a significant effect on lecturer performance, Asbari (2019) states that Transactional leadership has a significant effect on lecturer performance through mediating lecturer work satisfaction, Bernarto (2019) that Transactional leadership has a significant effect on lecturer performance through mediation of lecturer work satisfaction.

The most interesting finding from this study is the effect of lecturers' perceptions on their work satisfaction. They have a perception of work prestige, self-esteem, autonomy in the workplace, and professional self-development that contribute the most to work satisfaction. These findings support previous research which revealed a significant positive relationship between aspects of teaching work and work satisfaction (Asbari, Bernarto, et al., 2020; Purwanto, MayestiWijayanti, et al., 2019). This variable serves as an intermediary variable for the leadership style of the head of the university and lecturer satisfaction. In this study, lecturers reported feeling very satisfied when their work gave them a "sense of self-worth," gave them "opportunities for self-development," gave them a "feeling of success," and enabled them "to participate in determining teaching and learning practices in universities. Expressions of such feelings about their work support theories of lecturer work satisfaction, such as the two-factor theory derived from the work of Herzberg et al. (1959). These researchers argue that motivators, which refer to intrinsic aspects of teaching such as lecturers' self-growth, personal development, and recognition, tends to promote work satisfaction. Cleanliness factors, which are associated with external aspects of the work as poor working conditions, tend to lead to lecturer dissatisfaction (Asbari, Nurhayati, et al., 2020; Bernarto et al., 2020; Hyun et al., 2020; ; Purwanto, MayestiWijayanti, et al., 2019; Purwanto, Putri, et al., 2020). Further studies should investigate the concept of work satisfaction of lecturers by differentiating their constituents, as has been done in many studies. In the current study, overall work satisfaction, include aspects of fulfillment with both internal and physical

aspects of work, is checked. Further research must be carried out it is necessary to clarify the concept of work satisfaction because as reported by (Hyun et al., 2020), there is heterogeneity between lecturers with respect to what they consider satisfactory and / or satisfying.

The implications and conclusions of these findings support research conducted in other places, such as research (Fayzhall et al., 2020; Asbari et al., 2020; Purwanto, Asbari, et al., 2020; Purwanto, Bernarto, et al., 2020; Purwanto, Wijayanti, et al., 2019) who show that lecturers prefer to work with university heads who exhibit transformational rather than transactional types of behavior. (However, this finding should not be surprising because actors acting as transformational leaders seem to maximize the autonomy that has long had it. Given that the challenge to education is more in the area of how lecturers can better coordinate their work than how they can maximize their autonomy. The findings regarding the preferences of lecturers for transformational university heads seem to strengthen organizational structure and function. This study invites the world of education to pay attention to the inner realm of lecturers. This is suggestive In order to increase the level of satisfaction of lecturers in the workplace, university management needs to pay attention to factors related to all aspects of teaching and learning, especially those entitled "professional," as they refer to the characteristics of teaching as a vocation. The work perceptions of students from data collection are very significant in influencing their satisfaction. This implication must be recognized by top level decision-makers, such as government officials, and at a more local level, by supervisors and university heads. The more lecturers see their teaching work as their profession and the center of their lives, the more satisfied they will be. Moreover, to increase the general feeling of all lecturers, university heads need to be more aware of how strongly their role and behavior influence lecturers' perceptions of management and their work satisfaction. Through transformational leadership and participatory behavior, university heads can develop and cultivate positive feelings and attitudes of lecturers about their noble work. Understanding that teaching as a work that gives a sense of value and professional prestige will make lecturers consider it the center of their lives and thus increase their work satisfaction. Lecturer satisfaction from work is very important for good relations between lecturers and students, because satisfied lecturers will be more enthusiastic. invest time and energy in teaching their students.

CONCLUSION

The conclusion of this study is transformational leadership has a significant effect on lecturer work satisfaction, Transactional leadership has a significant effect on lecturer work satisfaction, Transformational leadership has a significant effect on lecturer performance, Transactional leadership has a significant effect on lecturer performance, Lecturer satisfaction has a significant effect on lecturer performance, Transformational leadership has a significant effect on lecturer performance. significant effect on lecturer performance through mediation of lecturer work satisfaction, Transactional leadership has a significant effect on lecturer performance through mediating work satisfaction of lecturers at Islamic university lecturers in Jakarta during the Covid-19 pandemic. This research may provide the first step in a research line linking university heads with faculty and with students. Further research on this can be achieved through collecting data from university heads about their leadership styles, decision-making approaches, demographics and how these variables affect the views of lecturers. about work

Transformational or Transactional Leadership Style: Which Affects Work Satisfaction and Performance of Islamic University Lecturers During COVID-19 Pandemic?

satisfaction and ultimately have a positive impact on students' competencies and their learning performance.

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Transformational or Transactional Leadership Style: Which Affects Work Satisfaction and Performance of Islamic University Lecturers During COVID-19 Pandemic?

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