

The Influence of Organizational Culture, Job Satisfaction, and Servant Leadership on Service Quality Mediated by Affective Commitment in Freight Forwarding Companies



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ABSTRACT: The purpose of this research is to analyze empirically effect of organizational culture, job satisfaction, and servant leadership on service quality through the affective commitment of employee from freight forwarding companies in Jakarta. The research method used in this research is descriptive quantitative. Determination of the number of samples in this study using purposive sampling technique as many as 262 respondents as research objects who are employees of freight forwarding companies in the Jakarta. The data used are primary data collected by distributing online questionnaires through Google forms. The collected data were analyzed by SEM method using Smart PLS 3.0 and SPSS Ver 25 software.

The results of the study show that the indirect effect of affective commitment provides full mediating between job satisfaction and service quality improvement; and partial mediating occurs on the effect on affective commitment between organizational culture and service quality, as well as servant leadership and service quality. There is a direct effect between organizational culture on service quality; servant leadership on service quality; organizational culture on affective commitment; job satisfaction on affective commitment; and servant leadership on affective commitment; as well as an affective commitment to service quality. There is no direct effect between job satisfaction on service quality. Managerial implications contribute to managers in freight forwarding service industry should pay attention to job satisfaction by opening opportunities for promotions, giving bonuses, and sufficient salaries to foster the emotional attachment of employees and improve service quality.

Novelty from the results of this study is affective commitment acts as a mediating variable in building service quality and becomes a full mediating between job satisfaction and service quality.

KEYWORDS: Organizational Culture, Job Satisfaction, Servant Leadership, Service Quality, Affective Commitment.

INTRODUCTION

The logistics sector is one of the determining factors for the development or fall-off a country's economy, therefore logistics is often referred to as the lifeblood of the country's economy, meaning that countries with high logistics performance indicators will be followed by economic growth. Likewise, with culture, the level of life and welfare of the population in a country will be lifted with the presence of high logistical performance. For this reason, the role of logistics is not limited to its contribution at the macroeconomic level but is also able to increase the competitiveness of companies at the microeconomic level (Mauleny et al., 2020).

The Central Statistics Agency (BPS) in Indonesia announced in February 2020 that the share of the transportation and logistics sector subgroup in the Gross Domestic Product (GDP) in 2019 was IDR 881.7 trillion or 5.57% of GDP, which was IDR 15,833.9 trillion. BPS classifies the logistics sector by including transportation subsectors based on transportation modes, namely rail, land, sea, air, river, lake, and crossing. The logistics sector also includes warehousing (warehousing and transportation support services, as well as postal and couriers). With the higher and tighter level of competition between freight forwarding companies not only with domestic entities but even with international and global companies as well, freight forwarding companies must improve by focusing the service quality. Service quality is important for organizations that want to grow financial performance and attract customers in a competitive environment. Service quality is one of the successful marketing issues that has been the subject of academic research for more than three decades (Izogo & Ogba, 2015).

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For freight forwarding service industry, the quality of this service is important because good service quality is an advantage for the company. Providing high-quality services to customers is used as a tool to achieve competitive advantage (Szamosfalvi et al., 2010). The human factor plays an important role in providing high-quality services to customers.

The service quality is influenced by several factors. Kwak & Kim (2015), Sihombing et al., (2018) and (Yohana, 2017) found that factors affect service quality including leadership style, organizational commitment, organizational citizenship behavior, job satisfaction, organizational support, customer satisfaction, reliability, responsiveness, assurance, empathy, tangible, leadership style, serving leadership and customer service. Of the various factors that affect the quality of services, this research is focused on three factors included organizational culture, job satisfaction, and servant leadership.

Based on several factors that affect the quality of service above, this research is focused on finding the role of affective commitment as mediation in the influence between organizational culture, job satisfaction, and servant leadership on service quality. For this reason, the problem in this study is 1. Is there any influence of Organizational Culture on Service Quality? 2. Is there any effect of Job Satisfaction on Service Quality? 3. Is there any influence of Servant Leadership on Service Quality? 4. Is there any influence of Organizational Culture on Affective Commitment? 5. Is there any effect of Job Satisfaction on Affective Commitment? 6. Is there any influence of Servant Leadership on Affective Commitment? 7. Is there any effect of Affective Commitment on Service Quality? 8. Is there any effect of Affective Commitment as a mediation between Organizational Culture and Service Quality? 9. Is there any effect of Affective Commitment as a mediation between Job Satisfaction and Service Quality? 10. Is there any effect of Affective Commitment as a mediation between Servant Leadership on Service Quality?

LITERATURE REVIEW

1. Organizational Culture

Organizational culture is a collection of values, principles, traditions, and ways of working that are believed together that influence the behavior and actions of each member of the organization (Robbins & Judge, 2017). Griffin (2012) organizational culture is a set of values that can be accepted is always true, which helps someone in the organization to understand actions that are unacceptable and which actions are not acceptable and the values communicated through stories and other symbolic ways.

All types of organizational cultures have a positive and significant impact on service quality, meaning that the perception of service quality is related to providing reliable service, employee courtesy and concern for customers are strengthened when creating a strong organizational culture (Karakasni et al., 2019). According to Fandi (2012), several aspects affect the quality of service and one of them is organizational culture and how to organize it, where if the organizational culture of a company is good, of course, the quality of service will also be good. To measure organizational culture, this study adopted the dimensions of Robbins & Judge (2017) which are seven dimensions included innovation and risk-taking, attention to detail, orientation to results, orientation to humans, orientation to the team, aggressiveness, and stability.

2. Job Satisfaction

According to Ximenes et al., (2019) that job satisfaction is physiological and psychological satisfaction of employees with the work environment is the worker's personal reaction to the work situation. Kwak & Kim (2015) consider job satisfaction as the gap between the rewards earned and the rewards expected from an employee in each work environment. A smaller gap indicates higher employee job satisfaction, while a larger gap indicates smaller satisfaction. The results of (Haris, 2017) showed a significant positive relationship between job satisfaction and service quality. To measure job satisfaction, the measurement adopted 5 dimensions from Kreitner & Angelo (2014) specifically; satisfaction with the job itself, satisfaction with promotion opportunities, satisfaction with colleagues, satisfaction with salary, and satisfaction with superiors.

3. Servant Leadership

Servant Leadership is a leadership style in which a person leads and serves in harmony and interaction with the environment. A servant leader is a person who has a strong desire to serve and lead and can positively combine the two as mutually reinforcing (Megheirkouni, 2018). The results of research Qiu et al., (2020) show that employee service quality will increase when the level of servant leadership increases, where the leader acts as a role model to motivate employees to improve their workability.

Servant Leadership is a leadership style that emphasizes "service" that prioritizes the satisfaction of employee needs (Eva et al., 2019). Leaders can influence their subordinates by serving and helping to develop a sense of service and behavior in members of the organization (Liden et al., 2008; Saleem et al., 2020). Leaders become models whose role is to guide and help employees to grow into service-oriented employees (Williams et al., (2017); Lee et al., 2020). Servant Leadership is a very important force to improve innovative behavior of individual services that give birth to new ideas for leaders to improve the quality service of employees (Su et al., 2020). In this study, to measure servant leadership adopts the 5 dimensions of (Barbuto & Wheeler, 2006)

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which are reliability, responsiveness, assurance, empathy, and physical evidence.

4. Affective Commitment

Affective Commitment according to He (2008) is the emotional attachment of employees to the organization. Employees with a high Affective Commitment work harder and perform better than employees with a low Affective Commitment. Employees who are emotionally committed to the organization are willing to work harder for the organization than employees who are not. Improved service quality can be achieved with harder efforts. Castro-Casal et al., (2019) formulated that affective commitment refers to a sense of belonging, attachment to the organization, and relationships with personal characteristics, organizational structure, and experience. To measure affective commitment, this research uses the three dimensions of Gautam et al., (2004) included emotional attachment, identification, and involvement.

5. Service Quality

Parasuraman et al., (1988) state that service quality is a customer's perception of the service components of a product that are accepted by consumers with service that is expected or desired for the attributes of a company's service. According to Kotler (2008) service quality is a company's ability to produce products or services with features and characteristics that can meet the needs or desires of consumers. According to Fandi (2012), the concept of quality is considered a benchmark for the perfection of a product or service consisting of design quality and conformance quality. Design quality is a specific function of a product or service, conformity quality is a measure of how well a product or service meets the previously set quality requirements or specifications.

Service quality can be influenced by several factors and one of the factors that affect the quality of excellent service is organizational culture. Organizational culture is related to how members of the organization perceive the organization, not related to whether the members of the organization like it or not because members understand the culture of the organization from what they often see or hear in the organization (Makmuri Muchlas, 2012).

CONCEPTUAL FRAMEWORK

The conceptual framework of this study illustrates the influence of independent variables on dependent variables, namely the influence of organizational culture, job satisfaction, and servant leadership on service quality through affective commitment as mediation as shown in figure 1.

Organizational culture is formed by several elements that become patterns or models of interpretation. Such elements include procedures and formal and informal standards. It also includes codes of conduct, rituals, duties, and payment systems, among other materials (Lacroix & Verdorfer, 2017). According to Luthans (2011) job satisfaction is the result of an employee's perception of how his job can provide something that is considered important. Formulated job satisfaction as a person's attitude about their work based on their perception of their work. Such perceptions can be based on work environment factors, such as superior style, policies, and procedures, working group affiliation, working conditions, and benefits/wages (Gibson, James L, John.M.Ivancevich, 2005). Eva et al., (2019) state servant leadership is leadership about a leader or other than a leader, who interacts between the leader and his followers and pays thorough attention to the welfare of the organization's broader stakeholders and the larger community.

A company must be able to create job satisfaction in its employees to improve the quality of the best service (Ramseook, Munhurrun et al., 2010). Job satisfaction can be seen from two sides, namely, from the employee side, that job satisfaction will cause a feeling of pleasure at work, while from the company side, job satisfaction can increase productivity, improve employee attitudes and behavior in providing many services (Suwatno, 2014). Parasuraman et al., (1988) describes service quality as an attitude, but not the same as satisfaction, compared to expectations and performance. Attitude is the deepest expression of feelings related to a disposition whether a person has a sympathetic or unsympathetic attitude towards an object, such as the brand of a product and the services provided by a particular service. Formulates organizational commitment as an employee's willingness to help the organization and its goals and intention to maintain membership in the organization (Suwibawa et al., 2018). Affective Commitment is an employee's emotional attachment to the organization. Employees with high Affective Commitment will work harder and provide better performance than employees with low Affective Commitment, and are willing to exert greater effort on behalf of the organization than employees who do not have affective commitment. With greater effort, a better quality of service will be created (He, 2008)

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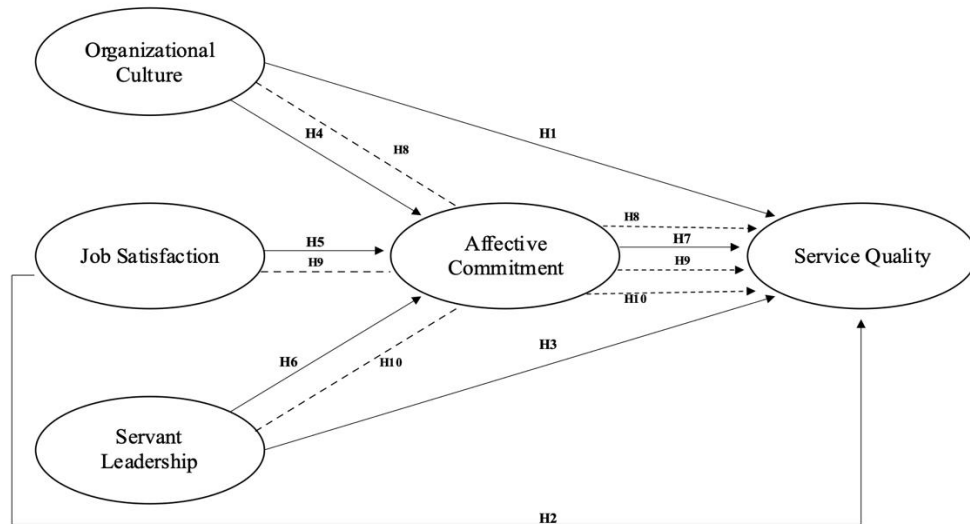


Figure 2.1. Conceptual Framework

DEVELOPMENT OF RESEARCH MODELS AND HYPOTHESES

Based on the conceptual framework above, the development of this research hypothesis is suspected to have an influence between:

- H1: Organizational culture toward service quality
- H2: Job satisfaction with service quality
- H3: Servant leadership toward service quality
- H4: Organizational culture toward affective commitment
- H5: Job satisfaction with affective commitment
- H6: Servant leadership towards affective commitment
- H7: Affective commitment to service quality
- H8: Organizational culture towards service quality mediated by affective commitment
- H9: Job satisfaction with service quality mediated by affective commitment
- H10: Servant leadership of service quality mediated by affective commitment

RESEARCH METHODS

1. Research Design

The method in this study is used the quantitative and hypothesis testing. Hypothesis testing is a study that aims to test hypotheses that generally explain the characteristics of certain relationships or differences between groups or the independence of one or more factors in a situation (Sekaran U, 2016). The relationship between the variables studied is causal because it explains the cause of one or more problems. Data processing is carried out with the SEM-PLS analyst tool using the smartPLS 3.2.9 application.

2. Population and Sample

The sampling method in this study used the nonprobability sampling method. In nonprobability sampling designs, elements in a population do not have to have the same chance of being selected as a sample and the number of populations is unknown (Imam, 2016). The sample used was employees of freight forwarding companies spread across the Jakarta area as many as 818 companies whose number of employees is not known for certain. Based on the theory of Joreskog (1996)), the number of samples is based on the number of variables in table 1 following:

Table 1: Number of Sample

The Number of Variables	Sample Sizes
3	200
5	200
10	200

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15	360
20	630
25	975
30	1395

Based on table 1 above, the number of variables in this study is 5 (five) variables, so the recommended sample is at least 200. The sample of this study is 262 freight forwarding employees spread across the Jakarta area.

3. Data Analysis and Technical Methods of Analysis

Validity testing are carried out based on convergent validity and loading factors, while reliability tests are based on Cronbach's Alpha and Composite Reliability values. The validity test results show the loading factor value of each indicator to measure variable organizational culture (**OC**), job satisfaction (**JS**), servant leadership (**SL**), affective commitment (**AC**), and service quality (**SQ**) of more than 0.50 (Hair et al.,2018) this shows that all indicators used as measurement instruments have met the criteria for convergent validity and are declared valid. The results of reliability testing where the Cronbach Alpha Value and Composite Reliability of each variable have met the threshold of greater than 0.70 and show that the instruments in this study have been reliable.

Table 2. Coefficient of Determination (R²)

Construction	R Square	R Square Adjusted
Affective Commitment	0,516	0,510
Service Quality	0.573	0,567

The value of the coefficient of determination is indicated by an R2 affective commitment value of 0.510, which means that the affective commitment model can be described by 51%, from all three variables **OC**, **JS**, and **SL**. The R2 **SQ** value is 0.567, indicating that the **SQ** model can be described as 56.7% of the three variables **OC**, **JS**, and **SL**. The value of the coefficient of determination in table 1 shows that the model used in this study is moderate (Hair et al.,2016).

4. Analysis Models and Data Analysis Techniques

In this research, the data analysis method used consists of 2 (two) analysis methods, namely univariate and multivariate analysis. Univariate analysis is used to determine the tendency of the central value (central tendency) and disperse (variation) of each variable based on the average value (mean) and standard deviation with SPSS 25.0. Hypothesis testing is carried out using a multivariate analysis technique by the Structural Equation Model (SEM). Structural Equation Model (SEM) is a multivariate analysis method used to determine the relationship between measurable variables and variables that cannot be measured directly (latent variables). Data analysis using a statistical windows program called Smart PLS 3.0.

RESEARCH RESULTS AND DISCUSSION

1. Analysis of Research Results

Characteristics of respondents based on the results of the distribution of questionnaires:

Table 2. Characteristics of Respondents, Dominant Respondents

Characteristic	Frequency	Total	Percentage
Gender	Female	134	51.1 %
Age	17 – 25 Years Old	170	64.9 %
Education	High School/Vocational High School Equivalent	126	48.1 %
Service Period	< 5 Years	177	76.6 %

Source: Field Survey (2021)

Table 2 shows that the most dominant sex is female at 51.1%, for age characteristics 17-25 years representing 64.9% of respondents, based on education level as many as 126 respondents representing 48.1 % have a high school / vocational education equivalent, while based on the period of service under 5 years of 177 represents 76.6 % of respondents.

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Table 3: Hypothesis Test Result

Hypothesis	Path Coefficient	p-value	Decision
H1: <i>Organizational Culture</i> → <i>Service Quality</i>	0.322	0.001	Accepted
H2: <i>Job Satisfaction</i> → <i>Service Quality</i>	-0.104	0.102	Rejected
H3: <i>Servant Leadership</i> → <i>Service Quality</i>	0.291	0.000	Accepted
H4: <i>Organizational Culture</i> → <i>Affective Commitment</i>	0.316	0.000	Accepted
H5: <i>Job Satisfaction</i> → <i>Affective Commitment</i>	0.199	0.029	Accepted
H6: <i>Servant Leadership</i> → <i>Affective Commitment</i>	0.294	0.002	Accepted
H7: <i>Affective Commitment</i> → <i>Service Quality</i>	0.355	0.000	Accepted
H8: <i>Organizational Culture</i> → <i>Affective Commitment</i> → <i>Service Quality</i>	0,112	0,0075	Accepted
H9: <i>Job Satisfaction</i> → <i>Affective Commitment</i> → <i>Service Quality</i>	0,071	0,0300	Accepted
H10: <i>Servant Leadership</i> → <i>Affective Commitment</i> → <i>Service Quality</i>	0,105	0,0030	Accepted

Source: SmartPLS processed data (2021)

Table 3 shows the value of the p-value smaller than the alpha value (<0.05) meaning that H1, H3, H4, H5, H6, H7, H8, H9, and H10 are accepted, while for H2 it is rejected, judging by the value of p-value greater than the alpha value (>0.05). The results of this study show that organizational culture and servant leadership have a positive and significant effect on service quality and on affective commitment. However, job satisfaction does not have a direct significant effect on service quality but becomes influential when mediated by affective commitment as a perfect mediation. Likewise, the results of the study found that organizational culture and servant leadership have a positive and significant effect indirectly on affective commitment as partial mediation. These findings are in line with previous research on organizational culture, job satisfaction, servant leadership, affective commitment, and service quality (Karakasnaki et al., 2019); (Hadian, 2017); (Trivellas & Dargenidou, 2009); (Milana, 2018); (Su et al., 2020); (Qiu et al., 2020); (Nikpour, 2017); (Park & Doo, 2020); (Lapointe & Vandenberghe, 2018); (Esmaeilpour & Ranjbar, 2018); (Chordiya et al., 2017); (Lapointe & Vandenberghe, 2018); (Irving & Berndt, 2017); (Kloutsiniotis & Mihail, 2018); (Giovanni et al., 2020).

2. Discussion of Research Results

Below will be explained the results of the analysis and discussion of research results based on hypothesis testing in more detail as follows:

1) The Influence of Organizational Culture on Service Quality

The result shows that OC had a significant effect on SQ, indicated by p-Value = 0.001. The statistical results of this study show that the average score of OC is in a good category, which is 4.1336. This proves that a strong organizational culture in freight forwarding companies such as being able to collaborate with other employees for optimal results, employees trying to work to achieve targets, solving problems in a family way, and leaders who support employees to innovate in work can improve quality services.

2) The Influence of Job Satisfaction on Service Quality

The empirical result of this study shows that the perception of employees in freight forwarding service companies towards JS is in the good category with an average score of 4.0153. It means that employees satisfy with the work itself, colleagues, or superiors. However, the hypothesis testing result shows a negative and insignificant influence between JS and SQ, indicated by an influence value of coefficient β (-0.104). These results show that in the context of JS freight forwarding services have no direct effect on the increase in SQ, interpreted that employees who are satisfied at work do not have to be related in improving the quality of their services.

3) The Influence of Servant Leadership on Service Quality

There is a significant influence of SL on SQ, with p-Value SL on SQ = 0.00 this indicates that there is a significant relationship between SL and SQ. In addition, the statistical results of this study show an average SL value of 3.9198 that interpreted overall

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respondents have a good perception of **SL**. The **SL** style implemented in freight forwarding companies such as the leader's behavior who always encourage employees in self-development, wise in making decisions, value employee achievements, maintain the quality of their services and behave as waiter that can play a role in improving the quality of employee service.

4) The Influence of Organizational Culture on Affective Commitment

OC has a positive and significant effect on **AC** shown by a p-Value of 0.00, meaning that the role of organizational culture that is viewed positively by employees can grow a strong affective commitment in the employees' view. This is supported by statistical results with an average **OC** score of 4.1336 including good categories. The organizational culture adopted and implemented by employees such as a team-oriented work atmosphere, the freedom to innovate and take risks, orientation to results, orientation to people, leaders who are attentive to employees and the aggressiveness and stability of employees play a role in growing employee **AC**.

5) The Influence of Job Satisfaction on Affective Commitment

The results shows that **JS** has a significant effect on **AC** shown by the P-Value value of 0.029. This is means that the level of employee job satisfaction, such as satisfaction with colleagues who are ready to help when needed, satisfaction with the work itself, satisfaction with colleagues, and satisfaction with superiors who are perceived well by employees with an average value of 4.0153 as triggering factors in making a significant contribution to the improvement of employee **AC** in freight forwarding companies.

6) The Influence of Servant Leadership on Affective Commitment.

The hypothesis test shows that **SL** has a significant effect on **AC**, indicated by the statistical results that P-Value = 0.002, which indicates that there is a significant relationship between **SL** and **AC**. Servant leadership in freight forwarding companies is well perceived by employees with an average score of 3.9198, indicated by the actions of managers who strive to meet employee needs and put employee interests above personal interests, managers who have high emphasis, managers who are wise in every decision, managers who can find solutions to every problem that arises, managers who encourage their employees to grow, Socially minded managers who value every employee's achievements can increase employee affective commitment.

7) The Influence of Affective Commitment on Service Quality

AC has a significant effect on **SQ**, indicated by a P-Value of 0.000. In this study, the most dominant **AC** was formed by the involvement dimension with an average value of 4.1336, which means that employees feel emotionally indicated by a sense of pride in being part of company where they work. With the emotional attachment from employees to the company, consequently, the quality of services provided will increase.

8) The Influence of Organizational Culture on Service Quality mediated Affective Commitment

The results of research hypothesis testing showed that **AC** was able to mediate the influence of **OC** on **SQ**, as evidenced by the magnitude of the coefficient of influence, not 0.112. Positive mediation occurs in partial mediation, because the direct influence is greater and stronger than the indirect influence between **OC** and **SQ** of 0.322, meaning that this mediation role is necessary but not dominant.

9) The Influence of Job Satisfaction on Service Quality mediated by Affective Commitment.

AC is a perfect mediation between **JS** and **SQ** indicated by a variable influence of P-Value 0.071, meaning that **JS** can only produce **SQ** if it goes through **AC**. When compared to the direct influence where the statistical result is -0.104, which means that there is no **JS** influence on **SQ**, the role of **AC** is needed as a mediation so that there is an increase in **SQ** by employees in freight forwarding companies.

10) The influence of Servant Leadership on Service Quality mediated by Affective Commitment.

The empirical results of this study show the influence of **SL** on **AC** and subsequently, **AC** affects **SQ**, which is indicated by the influence of a P-Value of 0.105. When compared with the results of direct testing between **SL** against **SQ** and a P-Value of 0.291, the direct influence is greater than the indirect influence, meaning that **AC** acts as partial mediation, where **AC** can influence **SQ** even though mediation is less optimal when compared to direct influence.

RESEARCH CONCLUSION

The general conclusion based on the results of research and discussion, from the 7 (seven) direct influence hypotheses, there is only one hypothesis was rejected, specifically the hypothesis of job satisfaction on service quality. There are 3 (three) indirect

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hypotheses, all of which are accepted, but in accordance with the expected novelty, only 1 hypothesis that uses mediation provides the result of the influence of full mediating that was the influence of job satisfaction on service quality.

Based on the purpose of the study, the results of hypothesis testing, and the discussion, it is concluded as follows: a). Organizational culture has a direct effect on service quality. b). Job satisfaction has no direct influence on service quality. c). Servant leadership directly affects service quality. d). Organizational culture directly affects affective commitment. e) Job satisfaction has a direct influence on affective commitment. f). Servant leadership affects affective commitment. g). Affective commitment influences service quality. h). There is an indirect influence of organizational culture on service quality mediated by affective commitment. i). There is an indirect influence of job satisfaction on service quality mediated by affective commitment. j). There is an indirect influence of servant leadership on service quality mediated by affective commitment.

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