Servant Leadership and Job Satisfaction and Organizational Commitment: Empirical Evidence from Surabaya Health Care Sector

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Abstract

BACKGROUND: The concept of Servant Leadership has grown as a distinct management style with numerous applications in management research since its inception. The concept of Servant Leadership has evolved as a distinct management style with various applications in management research since its inception. It is likely one of the most successful styles for earning management and for having a good attitude and concern for those around social organizations’ well-being and quality of life. It is perhaps one of the most successful styles for earning management and for having a good attitude and concern for the people around the well-being and quality of life of social organizations. Quality human resources are essential to high commitment and satisfaction at work. Satisfy human resources who are committed will take care of the interests of the organization. Because of the practical nature of the problem among in the organization (Klinik Utama Usada Buana), Surabaya personnel, this research is expected to be conducted as an analytic study with a cross-sectional design.

AIM: This study has been defined as a pilot study to evaluate the model and adopt it as a framework for future investigations for practical and theoretical considerations.

METHODS: Therefore, data were collected using simple random sampling and then analyzed and interpreted to test the model.

RESULTS: The findings demonstrate that servant leadership styles can help people become more committed to their jobs and feel more satisfied. This model’s practical and theoretical aspects have been discussed in the relevant sections of this article.

CONCLUSION: Servant leadership has a positive impact on work commitment and is able to predict job satisfaction. Organizations need to adopt servant leadership to encourage commitment and job satisfaction in health care.

Introduction

Transactional, adaptive, transformational, and servant leadership models are just a few options available to health-care executives [1]. Health-care organizations may benefit from Servant Leadership because it emphasizes teamwork, builds trust, and puts patients’ needs first [2]. When leaders serve their co-workers, they are demonstrating Servant Leadership. Leaders who serve as servants help others grow and prosper [3]. In today’s highly competitive business environment, it is not common knowledge that leaders should “love” their subordinates, peers, and superiors. Nevertheless, the principle has been effectively applied to multiple significant corporations across the globe [4].

Significant empirical research shows that Servant Leadership is linked to a range of positive employee outcomes [5], [6]. First, it includes improving psychological well-being through reduced emotional exhaustion of subordinates [7]. Second, Servant Leadership is a favorable work attitude that helps employees gain work satisfaction [8]. Third, servant leaders’ commitment to more significant causes positively influence followers, producing decreased intention to leave and improved job performance [9].

Health-care facilities are expanding at a breakneck pace today, opening new opportunities for competitiveness in an increasingly open market. As a result, a company’s success in attaining its objectives depends not only on what is produced but also on the quality of the human resources the company has on hand [10]. Human resources with a strong attitude, professionalism, and a high level of dedication to the organization are quality human resources [11]. When people commit, they work for the organization’s benefit. Therefore, understanding and fostering organizational commitment are critical tasks [12]. When expectations, compliance, or satisfaction are not met, organizational commitment acts as a stabilizing force. Employees do not appear to be committed to the organization by default. According to Meyer &
Allen, work satisfaction is one of several elements that affect an organization's commitment. According to empirical research, organizational commitment and work satisfaction are statistically significant predictors of employee turnover and the intention to turn over employees [12], [13], [14], [15], [16], [17], [18], [19], [20].

Klinik Utama Usada Buana is a health-care facility in Surabaya that provides a variety of services. Based on the survey conducted at the clinic in the previous year, it has been determined that turnover employees by 37.21%. It was compared to the optimum benchmark of 10–15% as the normal range of job switching. Results indicate a high turnover rate among clinic staff members in Klinik as reported. Employee engagement in the organization has a direct relationship with turnover. Employees committed to the organization and satisfied with their jobs create healthy working conditions [21]. Servant leadership serves to gain job satisfaction and commitment at work due to their positive psychology [22]. Based on the description above and associated problems of high turnover of employees at Klinik, this research has been designed with a Servant leadership style. Based on theoretical and empirical studies, this study aims to analyze the effect of Servant Leadership on employee job satisfaction and organizational commitment at Klinik Utama Usada Buana. This study has been defined as a pilot study to evaluate the model and adopt it as a framework for future investigations for practical and theoretical considerations.

Literature Review

Human resource management is receiving more attention in various healthcare systems throughout the world. This argument is particularly valid in developing countries' human resource management concerns [23], [24]. As research is growing, and response to these concerns in developing countries are now increasing. Researchers are questing to construct health professional training programs comparable to those found in affluent countries [25]. By thoroughly evaluating studies, it was discovered that the scope of sustainable practices in health care has expanded. Therefore, it is pertinent to include healthcare-related challenges in sustainability, which were previously unknown [26]. The aim of this study was aligned with global literature. The following part will discuss the problem resulting in an increased demand for research to find appropriate healthcare models.

Servant leadership

Servant leadership is a leading concept in which the leader's purpose is to serve others' needs first [27], [28]. It is also known as servant management. The concept is popular in management research due to its profound influence [29]. A typical leadership style, in which a leader's primary concern is the success of their firm or organization, is not appropriate in this situation [30]. A Servant leader who shares power prioritizes the needs of his or her staff and assists them in developing and performing at their highest levels [31]. Rather than having the people work to serve their leaders, leaders exist to serve their followers. This style is a demand of 21st-century organizations [32]. When leaders adjust their perspective and put service first, they benefit their employees to get professional success. On the other hand, the organization expands due to the workers' rising commitment and engagement, which benefits both the attracting and retaining staff [33], [34].

Larry Spears's ten traits of the Servant Leader were a significant addition to the original concept of Robert Green Leaf [35]. Spears, like other leadership scholars, thought that Servant Leaders should possess the following ten characteristics: Empathy, listening, healing, awareness, persuasion, conceptualization, foresight, stewardship, dedication to the growth of others, and the ability to establish community [36], [37].

Sendjaya and Sarros (2002) [38] brought the application of Servant Leadership under discussion and spoke. Servant leadership impacts individuals who want to leave the company because turnover is connected chiefly with the quality of the worker–supervisor relationship when seen practically. While companies strive for a thriving culture at work to have better engagement, productivity, and quality of life, commitment is a significant factor in how successfully the organization operates. According to research, servant management style is the most crucial influence in lowering turnover [39], [40].

Abbas et al. [39] noted that employees' positive experiences and contentment in the workplace could be seen with the profound influence of leadership that operates in the organization. Servant leadership as the core of organizations was stated to be able to achieve the transfer of positive experiences at work. Servant leadership reduces emotional tiredness, which increases satisfaction and happiness [4]. Therefore, it is the primary cause of reducing employee burnout since servant Leadership reduces the feeling of being "depleted of inner resources" [39]. As a result, when emotional tiredness is reduced, it contributes to the development of healthier partnerships at work for productivity [41].

Based on the findings of the above literature research, it has been determined that Servant leadership is a popular leadership style due to its strong positive appeal. According to researchers, Servant leadership successfully fosters a favorable workplace culture that increases commitment and satisfaction at work.
Organizational commitment

As in every relationship, commitment is essential to the success of a business venture [42], [43], [44], [45]. Employees dedicated to their jobs and organizations are more likely to be content and successful [46], [47]. A company’s representatives are dedicated to their work and do so both inside and outside the office [48]. Employees are less likely to look for a new job or fall prey to recruiters targeting passive applicants and more likely to focus on career growth and advancement [49], [50], [51], [52]. Employees dedicated to their jobs are a valuable asset to any firm [19]. They are helpful and more efficient than personnel who are not entirely dedicated due to any reason [53]. It is important to note that employees resistant to the internal environment would be less likely to be committed to work [54]. Resistance to management behavior or conflict at work may also lead to switching current jobs or finding another one [55]. Therefore, it is vital to building an organizational culture where employees feel safe and productive [56].

The motivation to stay in a relationship with the boss and peers at work represents job commitment [57], [58]. Bashaw et al. (1994) [51] noted that individuals stick around any relationships when their fulfillment is understandable. An employee who stays in one that has recently been unfulfilling has multiple reasons like change in behavior, less productive environment, or other cultural issues at work. When things get tough, people may choose to continue with something because they have put much effort into it [59]. Absenteeism, turnover intention, and low productivity at work are a few examples [51], [53]. Because employee options are limited workplace relationships, they build a social relationship at work. If employees have quality relations at work, they would like to become an essential part of the organization; hence, employees cannot simply be dismissed [60]. According to the previous research, job commitment is a necessary component of working in an organization. Employees who show a lack of commitment to the organization are more likely to leave, which would cause hurdles, so organizational commitment must be valued highly.

Job satisfaction

Much research has been done on the relationship between job satisfaction and organizational constructs in contemporary firms [61], [62], [63], [64], [65], [66]. Occupational satisfaction, job performance, and compliance are related to unfavorable organizational challenges that hinder organization excellence [67], [68], [69], [70]. It has been a widely studied topic in the health care industry [71], [72], [64], [73], [74], [75]. Employees’ attitudes on job-related activities are referred to as their level of job satisfaction in the context of its description [76]. Position satisfaction is crucial from sustaining employees’ relationships, productivity, and happiness within the business or current job, amongst other considerations [77]. In modern firms, high levels of job satisfaction are associated with increased organizational productivity, lower staff turnover, and lower levels of job stress [78]. Therefore, an organization must have high levels of job satisfaction in order to maintain a positive work environment and productivity [77], [76]. Developing organizations’ systematic management and leadership techniques is essential for increasing the high levels of job satisfaction experienced by their personnel. When employees are happy in their jobs, they are more likely to put up their best effort to achieve higher levels of job performance [77].

Drawing attention to the relationship between normative and affective commitment and job satisfaction is essential. Because while both are positively related to satisfaction and turnover intention, the repercussions of these relationships are similar and share the same psychological state [79], [80], [81], [82]. Allen and Meyer (1990) [82] indicated that it appears that there are three standard dimensions to some commitment concepts. First, attachment or affection for the organization is known as affective commitment. Second, the perception of loss when leaving the organization is known as instrumental commitment. Third, the obligation to remain in the organization or remain in it was named normative commitment [12], [83]. All commitment types are psychological states of mind that humans experience. They vary according to the circumstances in which they occur. According to Oliveira et al. (2007) [84], this dimension is a strategy that provides individuals with a more intrinsic incentive to participate. It signifies that they continue to work for the company to meet their needs if satisfied [85].

The above literature review, therefore, determines that job satisfaction is essential for organizational commitment. Happy employees are productive, and this is because they put in the extra effort. In addition, job satisfaction leads to increased job commitment due to the shared psychological state of the employees.

The problem statement

Klinik Utama Usada Buana is a health-care facility in Surabaya that provides a variety of services. Based on the survey conducted at the clinic in the previous year, it has been determined that turnover employees by 37.21%. It was compared to the optimum benchmark of 10–15% as the normal range of job switching. Results indicate a high turnover rate among clinic staff members in Klinik as reported. Job satisfaction significantly impacts the productivity and efficiency of Human Resources in the Health Care Industry [86]. Employee engagement in the organization has a direct relationship with turnover. Employees committed to the organization and satisfied with their jobs create
healthy working conditions [21]. Job satisfaction is a parameter that influences employee organizational commitment and the implications on the quality of service provided [87]. Following this, job satisfaction is the most crucial factor influencing organizational commitment [88]. Servant leadership serves to gain job satisfaction and commitment at work due to their positive psychology [22].

Based on the description above and associated problems of high turnover of employees at Klinik Utama Usada Buana, this research has been designed with a Servant leadership style. Based on theoretical and empirical studies, this study aims to analyze the effect of Servant Leadership on employee job satisfaction and organizational commitment at Klinik Utama Usada Buana. This study has been defined as a pilot study to evaluate the model and adopt it as a framework for future investigations for practical and theoretical considerations (Figure 1).

Hypothesis 1: Servant leadership positively affects job commitment.
Hypothesis 2: Servant leadership positively affects job satisfaction.

Methods

This investigation is an analytical investigation with a cross-sectional design. The research was carried out at the Klinik Utama Usada Buana, which is located in Surabaya. The participants in this study were all employees who worked at Klinik Utama Usada Buana, which had up to 30 employees in the pilot study. One hundred employees who matched the inclusion criteria were invited to fill the questionnaire. Inclusion criteria in this study are employees who are willing to be respondents, employees who are not on duty or provide services, and employees who are not on leave. The variables in this study consist of independent variables, namely, servant leadership, and dependent variables, namely, job satisfaction and organizational commitment.

Questionnaire

The instrument in this study used a questionnaire to collect the data of each variable. The servant leadership questionnaire was adapted from a review of the servant leadership literature [33], [34], [39], [93], [94], consisting of nine indicators. Furthermore, the job satisfaction questionnaire used the Minnesota Satisfaction Questionnaire (MSQ) [89], [90] consisting of intrinsic and extrinsic satisfaction. While the other variable, job commitment, was measured using the Organizational Commitment Questionnaire (OCQ) [91], [92], which consists of the affective, continuum, and normative commitments. The independent variable questionnaire was adopted from the Servant leadership literature review [33], [39], [93], [94], [95]. Respondents were provided informed consent for this study before data collection. Data processing and data analysis with statistical tests were performed to determine the validity of the construct. The application of simple linear regression determined the hypotheses of the theoretical framework that follows.

Study design

Cross-sectional design was chosen to help answer the purpose of this study. The study was conducted in one of the main clinics in Surabaya. This study used a simple random sampling technique to build a sample of one hundred employees to pilot the framework of this study. One hundred employees who meet the criteria will be invited to fill out a questionnaire. Inclusion criteria in this study are employees who are willing to be respondents, employees who are not on duty or provide services, and employees who are not on leave. The variables in this study consist of independent variables, namely, servant leadership, and dependent variables, namely, job satisfaction and organizational commitment.

Figure 1: Hypothetical model

Statistical methods

Statistical analysis is done using SPSS
software. The first statistical analysis was conducted to determine the construct validity and determine the hypothesis of the influence of servant leadership, job satisfaction, and organizational commitment using a simple linear regression test to assess the value of \( \alpha \) (=p < 0.05) and prevalence ratio (PR>1) at 95% CI.

Results and Discussion

The respondents of this study consist of 100 employees at the Klinik Utama Usada Buana. Table 1 describes the characteristic of the sample of the study. Twenty-five respondents who participated in this study were below 25 years of age. Respondents between 26 and 35 years old were 40, while 35 respondents had an age range above 35 years. Female respondents dominated the sample, representing 70% of respondents, while 30% who participated in this study were male. This overwhelming female participation is no wonder to refer that future of Indonesia is falling into the hands of female [96]. As far as the educational background of respondents is concerned, 50% of employees held associate degrees or bachelor’s degrees. In contrast, the rest of the respondents had different levels of education. It is worth mentioning that 32 doctors participated in this study, while laboratory, administration, and pharmacy staff were 25, 28, and 15, respectively, according to data obtained from respondents.

Table 1: Demographic profile of the respondents

| Variables            | Range     | Frequency (n) |
|----------------------|-----------|---------------|
| Age                  | 25 and below | 25            |
|                      | 26 to 35   | 40            |
|                      | 36 and above | 35           |
| Gender               | Male      | 30            |
|                      | Female    | 70            |
| Academic background  | Associates Degree | 25         |
|                      | Bachelor’s degree | 35         |
|                      | Other     | 50            |
| Job position         | Administrative | 25         |
|                      | Doctor    | 32            |
|                      | Laboratory | 28            |
|                      | Pharmacy  | 15            |
| Total                |           | 100           |

Reliability and Validity

This study conducted reliability and validity to evaluate the data’s quality and the implied measurements [97]. First, reliability was conducted to measure if the data were reliable and replicable for the present study. Furthermore, this test was conducted to determine whether the measurements were consistent with the objective of the research. Reliability was assessed with the Cronbach alpha value above 0.7 [98] and Composite reliability exceeding 0.7 [99]. Table 2 shows that Cronbach alpha and composite reliability of servant leadership (\( \alpha = 0.939; \) C.R = 0.983), job commitment (\( \alpha = 0.823; \) C.R = 0.935), and job satisfaction (\( \alpha = 0.908; \) C.R = 0.899) exceed the threshold criteria 0.7 [99], [98]. Thus, the reliability test indicated that all variables were reliable and replicable for this study. Second, the convergent validity was assessed with average variance extraction (AVE) using the criteria proposed by Fornell and Larcker (1981), which suggested that AVE should exceed threshold criteria 0.5. This test proceeded to validate the appropriateness and accuracy of the data [100]. Thus, Table 3 shows that AVE ranged from 0.642 to 0.867 indicated that each variable meets the criteria.

Table 2: Partial correlation

|                  | Job Commitment | Job Satisfaction | Servant Leadership |
|------------------|----------------|------------------|--------------------|
| Job Commitment   | 1              |                  |                    |
| Job Satisfaction | 0.587***       | 1                |                    |
| Servant Leadership| 0.620***       | 0.729***         | 1                  |

Table 3: Scale reliability statistics of the construct

| Construct          | Mean    | SD     | Cronbach’s \( \alpha \) | AVE | CR   |
|--------------------|---------|--------|------------------------|-----|------|
| Servant leadership | 4.64    | 1.570  | 0.939                  | 0.867| 0.983|
| Job commitment     | 2.72    | 0.504  | 0.823                  | 0.642| 0.935|
| Job satisfaction   | 2.34    | 0.750  | 0.908                  | 0.749| 0.899|

The discriminate validity was assessed by measuring the correlation value between each variable. This research considered this test to ensure if each construct is empirically different from one latent variable to another [101], [102]. According to Rönkkö and Cho (2020) [103], the correlation value between constructs should not exceed 0.8. Table 2 shows partial correlation coefficients, which are to describe the link between two variables. Partial correlation is used to remove the influence of other factors or numerous additional variables. By controlling for the effect of the gender variable, the partial correlation was used to determine the strength of the association between servant leadership, job satisfaction, and satisfaction. The table below supports the claim that servant leadership, job satisfaction, and job commitment have a greater appeal in the gender of this study’s respondents.

The scale reliability statistic of the loading (Table 4) indicated the Cronbach alpha of each

Table 4: Scale reliability statistics of the loading

| Construct          | Indicator | SD     | Cronbach’s \( \alpha \) |
|--------------------|-----------|--------|------------------------|
| Servant leadership | SL1       | 1.87   | 0.937                  |
|                   | SL2       | 2.12   | 0.941                  |
|                   | SL3       | 1.48   | 0.930                  |
|                   | SL4       | 1.82   | 0.928                  |
|                   | SL5       | 1.66   | 0.932                  |
|                   | SL6       | 1.73   | 0.937                  |
|                   | SL7       | 2.19   | 0.921                  |
|                   | SL8       | 2.16   | 0.927                  |
|                   | SL9       | 2.08   | 0.929                  |
| Job Commitment    | OC1       | 0.651  | 0.824                  |
|                   | OC2       | 0.819  | 0.791                  |
|                   | OC3       | 0.858  | 0.769                  |
|                   | OC4       | 0.711  | 0.793                  |
|                   | OC5       | 0.531  | 0.809                  |
|                   | OC6       | 0.64   | 0.809                  |
|                   | OC7       | 0.922  | 0.825                  |
|                   | OC8       | 0.776  | 0.789                  |
| Job Satisfaction  | JS1       | 0.847  | 0.839                  |
|                   | JS2       | 0.774  | 0.922                  |
|                   | JS3       | 0.828  | 0.832                  |

https://oamjms.eu/index.php/mjms/index
The result shows that all factors meet the Cronbach alpha value acceptable criteria proposed ranged from 0.790 to 0.937 [104]. Table 4 concluded that each indicator was the appropriate measure of the constructs.

Table 4 indices explain the reliability of the construct, which is an essential factor for empirical testing. Servant leadership questionnaire was constituted having 09 questions. Cronbach alpha if item dropped has been presented in below table, which indicates the internal consistency of construct servant leadership >0.70 maintained for each question.

Job commitment scale had eight questions presented in the following table through the fulfillment of fundamnet >0.70 or above internal consistency for each item. The job satisfaction questionnaire was formulated with three specific questions indicating an appropriate internal consistency required to meet the threshold criteria [98]. This criteria are popular in psychological research and have been validating the questionnaire’s internal consistency for decades [105].

In addition to internal consistency, Exploratory Factor Analysis (EFA) was also conducted to determine the underlying dimensions of Servant leadership, job commitment, and job satisfaction. Table 5 shows the result of the factor analysis through principal component analysis and varimax rotation. This work followed the criteria proposed by Bernstein and Eveland (1982) [106]. They suggested that factors with eigenvalues exceeding one should be deleted. The result indicates uniqueness indices of each factor calculated at Eigenvalues 1 [106].

| Variable          | Variable code | Eigen value 1 | Uniqueness |
|-------------------|---------------|---------------|------------|
| Servant leadership| SL1           | 0.982         | 0.038      |
|                   | SL2           | 0.898         | 0.193      |
|                   | SL3           | 0.892         | 0.205      |
|                   | SL4           | 0.777         | 0.396      |
|                   | SL5           | 0.759         | 0.424      |
|                   | SL6           | 0.753         | 0.423      |
|                   | SL7           | 0.743         | 0.448      |
|                   | SL8           | 0.721         | 0.481      |
|                   | SL9           | 0.595         | 0.646      |
| Commitment        | OC1           | 0.964         | 0.005      |
|                   | OC2           | 0.764         | 0.480      |
|                   | OC3           | 0.742         | 0.397      |
|                   | OC4           | 0.723         | 0.433      |
|                   | OC5           | 0.988         | 0.005      |
|                   | OC6           | 0.602         | 0.582      |
|                   | OC7           | 0.606         | 0.626      |
|                   | OC8           | 0.595         | 0.620      |
| Satisfaction      | JS1           | 0.931         | 0.133      |
|                   | JS2           | 0.919         | 0.155      |
|                   | JS3           | 0.779         | 0.394      |

**Testing the fit of the model**

Exploratory Factor Analysis (EFA) was conducted to recognize the contributing design structure (Table 6). Bartlett’s Test of Sphericity was used to determine whether or not the data was appropriate. The Bartlett’s Test of Sphericity value of Servant leadership ($\chi^2 = 289; p < 0.001$), Job commitment subjective ($\chi^2 = 131; p < 0.001$), and Job satisfaction $\chi^2 = 58.1$; $p < 0.001$), demonstrated that the condition of EFA was fulfilled [107].

Table 7 demonstrated the regression analysis result of two model; Model 1 ($R^2 = 0.389$; Adj. $R^2 = 0.367$; $p < 0.001$; Durbin Watson = 1.997) tested the hypothesis 1, and the model 2 $R^2 = 0.535$; Adj. $R^2 = 0.518$; $p < 0.001$; Durbin Watson = 1.458) tested the hypothesis 2.

First, hypothesis 1 examined the relationship between Servant leadership and job commitment. The statistical analysis reveals that servant leadership was associated with an increased job commitment. In contrast, approximately 39% of the variance of job satisfaction is explained by Servant leadership with a regressed model. The results of this study show that Servant leadership has a strong positive impact on job commitment. This study empirically confirms that servant leadership plays a critical role in encouraging employees to commit to their job. This finding supported the previous findings by [36], [37], who argued that Servant leadership could help promote growth and establish commitment among individuals. Knowing how critical Servant leadership is for both organizational and individual growth among each other within the organization. Apart from the several benefits from Servant leadership such as increased satisfaction and happiness [4], induced positive experience for employees, reducing employee burnout [39], and emotional tiredness [41]. The organization should also make the best use of Servant leadership to promote commitment among individuals toward their job to increase its performance and avoid turnover.

Second, Hypothesis 2 investigated the relationship between Servant leadership and job satisfaction. The statistical result indicated that 53% of the variance of job satisfaction is explained by Servant leadership. The result confirmed that job satisfaction was predicted by Servant leadership. This link was found to be significant and positive. Similar to a prior study [22], [108], this work found that Servant leadership decisively affects job satisfaction. Since job satisfaction is essential for the organization and

| Variable          | Variable code | Eigen value 1 | Uniqueness |
|-------------------|---------------|---------------|------------|
| Servant leadership| SL1           | 0.982         | 0.038      |
|                   | SL2           | 0.898         | 0.193      |
|                   | SL3           | 0.892         | 0.205      |
|                   | SL4           | 0.777         | 0.396      |
|                   | SL5           | 0.759         | 0.424      |
|                   | SL6           | 0.753         | 0.423      |
|                   | SL7           | 0.743         | 0.448      |
|                   | SL8           | 0.721         | 0.481      |
|                   | SL9           | 0.595         | 0.646      |
| Commitment        | OC1           | 0.964         | 0.005      |
|                   | OC2           | 0.764         | 0.480      |
|                   | OC3           | 0.742         | 0.397      |
|                   | OC4           | 0.723         | 0.433      |
|                   | OC5           | 0.988         | 0.005      |
|                   | OC6           | 0.602         | 0.582      |
|                   | OC7           | 0.606         | 0.626      |
|                   | OC8           | 0.595         | 0.620      |
| Satisfaction      | JS1           | 0.931         | 0.133      |
|                   | JS2           | 0.919         | 0.155      |
|                   | JS3           | 0.779         | 0.394      |
employees. It contributes to the success and growth organization, quality of service provided, and the employees’ performance and interaction in the task, employees, leaders, and the organizations’ goal. This study highlighted that leadership style could enrich employees’ satisfaction with their job. The organization should adopt Servant leadership if content and satisfied employees are required at health-care jobs.

Result

Validity and reliability

This study conducted reliability and validity to evaluate the quality of data and implied measurements [97]. First, reliability is done to measure whether the data is reliable and can be replicated for this study. In addition, this test is carried out to determine whether the measurement is for the study. Reliability was rated with Cronbach alpha values above 0.7 [98] and composite reliability exceeding 0.7 [99]. Table 1 shows that Cronbach alpha and the reliability of the composite servant leadership (Omegle. = 0.939; CR= 0.983), work commitment (Ivanovich. = 0.823; CR = 0.935), and job satisfaction (Ivanovich. = 0.908; CR= 0.899) exceeds the threshold criterion of 0.7 (Fornell and Larcker, 1981; Taber, 2018). Thus, the reliability test shows that all variables are reliable and can be replicated for this study. Second, convergent validity is assessed by the extraction of mean-variance (AVE) using the criteria proposed by Fornell and Larcker (1981) [99], who suggested that ave should exceed the threshold criterion of 0.5. This test was continued to validate the feasibility and accuracy of the data [100]. Thus, Table 8 shows that Ave ranges from 0.642 to 0.867 indicating that each variable meets the criteria.

The discriminate validity was assessed by measuring the correlation value between each variable. This research considered this test to ensure if each construct is empirically different from one latent variable to another [101], [102]. According to Rönkkö and Cho (2020) [103], the correlation value between constructs should not exceed 0.8. Table 9 shows partial correlation coefficients, which are to describe the link between two variables. Partial correlation is used to remove the influence of other factors or numerous additional variables. By controlling for the effect of the Gender variable, the partial correlation was used to determine the strength of the association between servant leadership, job satisfaction, and satisfaction. The table below supports the claim that servant leadership, job satisfaction, and job commitment have a greater appeal in the gender of this study’s respondents.

Table 9: Partial correlation

| Variable          | Job commitment | Job satisfaction | Servant leadership |
|-------------------|----------------|------------------|--------------------|
| Job commitment    | 1              |                  |                    |
| Job satisfaction  | 0.587***       | 1                |                    |
| Servant leadership| 0.820***       | 0.729***         | 1                  |

Controlling for Gender, ***p < 0.001.

Table 10: Characteristics of the research sample

| Variable             | Frequency (n) | Percentage (%) |
|----------------------|---------------|----------------|
| Age ≤ 25 years       | 25            | 25.0           |
| 26–35 years          | 40            | 40.0           |
| ≥ 36 years           | 35            | 35.0           |
| Education            |               |                |
| Male                 | 30            | 30.0           |
| Female               | 70            | 70.0           |
| Associate degree     | 25            | 25.0           |
| Bachelor             | 35            | 35.0           |
| Etc                  | 50            | 50.0           |

Table 11 demonstrated the regression analysis result of two model; Model 1 (R² = 0.389; Adj. R² = 0.367; p < 0.001; Durbin Watson = 1.997) tested the hypothesis 1, and the model 2 R² = 0.535; Adj. R² = 0.518; p < 0.001; Durbin Watson = 1.458) tested the hypothesis 2.

Table 11: Regression Analysis

| R      | R²    | Adj. R² | F Change | df1 | df2 | Sig. | DW |
|--------|-------|---------|----------|-----|-----|------|----|
| Model 1| 0.624 | 0.389   | 0.367    | 17.336 | 1 | 0.000 | 1.997 |
|        |       |         |          | 0.000 | 0.000 |      |    |
| Model 2| 0.731 | 0.535   | 0.518    | 32.225 | 1 | 0.000 | 1.458 |
|        |       |         |          | 0.000 | 0.000 |      |    |

Discussion

This study has two hypotheses, hypothesis 1, examines the influence of servant leadership on organizational commitment. Statistical analysis shows that serving leadership is associated with increased organizational commitment. In contrast, about 39% variance in job satisfaction was explained by servant leadership with a regression model. The results of this study show that Servant leadership has a strong positive impact on organizational commitment.
study empirically confirms that servant leadership plays an important role in encouraging employees to commit to their work. These findings support previous findings by Greenleaf et al. [36], Spears [37], who argue that servant leadership can help drive growth and build commitment among individuals. Know how important servant leadership is to the growth of organizations and individuals among each other in the organization. Apart from some servant leadership benefits such as increased satisfaction and happiness [4], [39], providing positive experience for employees, reducing employee fatigue (Abbas et al. 2020), emotional exhaustion [41], Organizations should also utilize serving leadership to promote commitment among individuals toward their work to improve its performance and avoid turnover.

Second, Hypothesis 2 investigated the relationship between Servant leadership and job satisfaction. The statistical result indicated that 53 percent of the variance of job satisfaction is explained by Servant leadership. The result confirmed that job satisfaction was predicted by Servant leadership. This link was found to be significant and positive. Similar to a prior study [22], [108], this work found that Servant leadership decisively affects job satisfaction. Since job satisfaction is essential for the organization and employees. It contributes to the success and growth organization, quality of service provided, and the employees’ performance and interaction in the task, employees, leaders, and the organizations’ goal. This study highlighted that leadership style could enrich employees’ satisfaction with their job. The organization should adopt Servant leadership if content and satisfied employees are required at health-care jobs.

Conclusion

Eliyana and Ma’arif (2019) [109] discovered that leadership is the most concerning phenomenon of organizational research to create commitment and satisfaction. While from individual psychology, it is possible to consider organizational commitment to be a subset of work satisfaction. Both are concerned with the attitude of employees towards the organization as a whole rather than a particular job [110]. Leadership is the most concerning phenomenon in managing diversity and human resource development from a strategic perspective [111], [112], [113]. In light of the research topic and the research’s motivation, servant leadership training has been identified as the essential aspect for this particular organization. Other industries in the region experiencing the same issues may want to push Servant leadership training programs to install the teachings of Servant leadership among their staff. In Indonesian organizational contexts, this method would assist organizations in overcoming their tendencies to turnover and increasing employee contentment. The findings of this survey can be duplicated for use by other organizations as well. However, the conclusions of this study would not be generalizable because it was limited in its demographic scope.

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References

1. Chen CY, Chen CH, Li CI. The influence of leader’s spiritual values of servant leadership on employee motivational autonomy and eudaemonic well-being. J Relig Health. 2013;52(2):418-38. https://doi.org/10.1007/s10943-011-9479-3 PMid:21424861
2. Shore DA. Today's leadership lesson: Mind the wildlife and prepare for tomorrow's disruption. J Health Commun. 2020;25(4):301-2. https://doi.org/10.1080/10810730.2020.1749193 PMid:32306859
3. Bauer TN, Perrot S, Liden RC, Erdogan B. Understanding the consequences of newcomer proactive behaviors: The moderating contextual role of servant leadership. J Voc Behav. 2019;112:356-68. https://doi.org/10.1016/j.jvb.2019.05.001
4. Chughtai AA. Examining the effects of servant leadership on life satisfaction. Appl Res Qual Life. 2018;13(4):873-89. https://doi.org/10.1007/s11482-017-9564-1
5. Graham JW. Servant-leadership in organizations: Inspirational and moral. The Leadersh Q. 1991;2(2):105-19. https://doi.org/10.1016/1048-9843(91)90025-W
6. Zhuang W, Chen KY, Chang CL, Guan X, Huan TC. Effect of hotel employees workplace friendship on workplace deviance behaviour: moderating role of organisational identification. Int J Hosp Manag. 2020;88:102531. https://doi.org/10.1016/j.ijhm.2020.102531
7. Stollberger J, Heras ML, Rufcaín Y, Bosch MJ. Serving followers and family? A trickle-down model of how servant leadership shapes employee work performance. J Voc Behav. 2019;112:158-71. https://doi.org/10.1016/j.jvb.2019.02.003
8. Newman A, Schwarz G, Cooper B, Sendjaya S. How servant leadership influences organizational citizenship behavior: The roles of LMX, empowerment, and proactive personality. J Bus Ethics. 2017;145(1):49-62. https://doi.org/10.1007/
9. Serrat O. Exercising Servant Leadership. In: Knowledge Solutions. Singapore: Springer; 2017. p. 649-55. https://doi.org/10.1007/978-981-10-0983-9-72

10. Popkova EG, Chechina OS, Abramov SA. Problem of the human capital quality reducing in conditions of educational unification. Medit J Soc Sci. 2015;6(336):95-95. https://doi.org/10.5901/mjs.2015.v6n336p95

11. Salas-Vallina A, López-Cabralies Á, Alegre J, Fernández R. On the road to happiness at work (HAW): Transformational leadership and organizational learning capability as drivers of HAW in a healthcare context. Pers Rev. 2017;46(2):314-38. https://doi.org/10.1108/PR-06-2015-0186

12. Meyer JP, Allen NJ. Commitment in the Workplace: Theory, Research, and Application. Thousand Oaks, California: Sage; 1997.

13. Bouarif N. Predicting organizational commitment: The role of religiosity and ethical ideology. Eur Sci J. 2015;11(17):283-307.

14. Dannhauser Z, Boshoff AB. The Relationships between Servant Leadership, Trust, Team Commitment and Demographic Variables. Paper Presented at the Servant Leadership Research Roundtable Proceedings; 2006.

15. Dorta-Afonso D, González-de-la-Rosa M, García-Rodríguez FJ, Romero-Dominguez LR. Effects of high-performance work systems (HPWS) on hospitality employees’ outcomes through their organizational commitment, motivation, and job satisfaction. Sustainability. 2021;13(6):3226. https://doi.org/10.3390/su13063226

16. Ibrahim AM. Psychological empowerment and organizational commitment among employees in the lodging industry. J Hum Res Hosp Tourism. 2020;19(3):277-95. https://doi.org/10.1080/15332845.2020.1737766

17. Jaiswal R, Raychaudhuri P. Enhancing employees organizational commitment with perceived organizational justice and organizational learning culture in an Indian Health Sector. Int Manag Rev. 2021;17(1):55-88.

18. Liou SR. An Analysis of the Concept of Organizational Commitment. Paper Presented at the Nursing Forum; 2008.

19. Meyer JP, Becker TE, Vandenberge C. Employee commitment and motivation: A conceptual analysis and integrative model. J Appl Psychol. 2004;89(6):991-1007. https://doi.org/10.1037/0021-9010.89.6.991

20. Peplińska A, Kawalec K, Godlewska-Werner D, Połomski P. On the road to happiness at work (HAW): Transformational leadership and organizational learning capability as drivers of HAW in a healthcare context. Pers Rev. 2017;46(2):314-38. https://doi.org/10.1108/PR-06-2015-0186

21. Meyer JP, Allen NJ. Commitment in the Workplace: Theory, Research, and Application. Thousand Oaks, California: Sage; 1997.

22. Bouarif N. Predicting organizational commitment: The role of religiosity and ethical ideology. Eur Sci J. 2015;11(17):283-307.

23. Dannhauser Z, Boshoff AB. The Relationships between Servant Leadership, Trust, Team Commitment and Demographic Variables. Paper Presented at the Servant Leadership Research Roundtable Proceedings; 2006.

24. Dorta-Afonso D, González-de-la-Rosa M, García-Rodríguez FJ, Romero-Dominguez LR. Effects of high-performance work systems (HPWS) on hospitality employees’ outcomes through their organizational commitment, motivation, and job satisfaction. Sustainability. 2021;13(6):3226. https://doi.org/10.3390/su13063226

25. Ibrahim AM. Psychological empowerment and organizational commitment among employees in the lodging industry. J Hum Res Hosp Tourism. 2020;19(3):277-95. https://doi.org/10.1080/15332845.2020.1737766

26. Jaiswal R, Raychaudhuri P. Enhancing employees organizational commitment with perceived organizational justice and organizational learning culture in an Indian Health Sector. Int Manag Rev. 2021;17(1):55-88. https://doi.org/10.3390/su13063226

27. Liou SR. An Analysis of the Concept of Organizational Commitment. Paper Presented at the Nursing Forum; 2008.

28. Meyer JP, Becker TE, Vandenberge C. Employee commitment and motivation: A conceptual analysis and integrative model. J Appl Psychol. 2004;89(6):991-1007. https://doi.org/10.1037/0021-9010.89.6.991

29. Peplińska A, Kawalec K, Godlewska-Werner D, Połomski P. On the road to happiness at work (HAW): Transformational leadership and organizational learning capability as drivers of HAW in a healthcare context. Pers Rev. 2017;46(2):314-38. https://doi.org/10.1108/PR-06-2015-0186

30. Meyer JP, Allen NJ. Commitment in the Workplace: Theory, Research, and Application. Thousand Oaks, California: Sage; 1997.

31. Bouarif N. Predicting organizational commitment: The role of religiosity and ethical ideology. Eur Sci J. 2015;11(17):283-307.

32. Dannhauser Z, Boshoff AB. The Relationships between Servant Leadership, Trust, Team Commitment and Demographic Variables. Paper Presented at the Servant Leadership Research Roundtable Proceedings; 2006.

33. Dorta-Afonso D, González-de-la-Rosa M, García-Rodríguez FJ, Romero-Dominguez LR. Effects of high-performance work systems (HPWS) on hospitality employees’ outcomes through their organizational commitment, motivation, and job satisfaction. Sustainability. 2021;13(6):3226. https://doi.org/10.3390/su13063226

34. Ibrahim AM. Psychological empowerment and organizational commitment among employees in the lodging industry. J Hum Res Hosp Tourism. 2020;19(3):277-95. https://doi.org/10.1080/15332845.2020.1737766

35. Jaiswal R, Raychaudhuri P. Enhancing employees organizational commitment with perceived organizational justice and organizational learning culture in an Indian Health Sector. Int Manag Rev. 2021;17(1):55-88.

36. Liou SR. An Analysis of the Concept of Organizational Commitment. Paper Presented at the Nursing Forum; 2008.

37. Meyer JP, Becker TE, Vandenberge C. Employee commitment and motivation: A conceptual analysis and integrative model. J Appl Psychol. 2004;89(6):991-1007. https://doi.org/10.1037/0021-9010.89.6.991

38. Peplińska A, Kawalec K, Godlewska-Werner D, Połomski P. On the road to happiness at work (HAW): Transformational leadership and organizational learning capability as drivers of HAW in a healthcare context. Pers Rev. 2017;46(2):314-38. https://doi.org/10.1108/PR-06-2015-0186

39. Meyer JP, Allen NJ. Commitment in the Workplace: Theory, Research, and Application. Thousand Oaks, California: Sage; 1997.

40. Bouarif N. Predicting organizational commitment: The role of religiosity and ethical ideology. Eur Sci J. 2015;11(17):283-307.

41. Dannhauser Z, Boshoff AB. The Relationships between Servant Leadership, Trust, Team Commitment and Demographic Variables. Paper Presented at the Servant Leadership Research Roundtable Proceedings; 2006.

42. Dorta-Afonso D, González-de-la-Rosa M, García-Rodríguez FJ, Romero-Dominguez LR. Effects of high-performance work systems (HPWS) on hospitality employees’ outcomes through their organizational commitment, motivation, and job satisfaction. Sustainability. 2021;13(6):3226. https://doi.org/10.3390/su13063226

43. Ibrahim AM. Psychological empowerment and organizational commitment among employees in the lodging industry. J Hum Res Hosp Tourism. 2020;19(3):277-95. https://doi.org/10.1080/15332845.2020.1737766

44. Jaiswal R, Raychaudhuri P. Enhancing employees organizational commitment with perceived organizational justice and organizational learning culture in an Indian Health Sector. Int Manag Rev. 2021;17(1):55-88.

45. Liou SR. An Analysis of the Concept of Organizational Commitment. Paper Presented at the Nursing Forum; 2008.

46. Meyer JP, Becker TE, Vandenberge C. Employee commitment and motivation: A conceptual analysis and integrative model. J Appl Psychol. 2004;89(6):991-1007. https://doi.org/10.1037/0021-9010.89.6.991

47. Peplińska A, Kawalec K, Godlewska-Werner D, Połomski P. On the road to happiness at work (HAW): Transformational leadership and organizational learning capability as drivers of HAW in a healthcare context. Pers Rev. 2017;46(2):314-38. https://doi.org/10.1108/PR-06-2015-0186

48. Meyer JP, Allen NJ. Commitment in the Workplace: Theory, Research, and Application. Thousand Oaks, California: Sage; 1997.

49. Bouarif N. Predicting organizational commitment: The role of religiosity and ethical ideology. Eur Sci J. 2015;11(17):283-307.

50. Dannhauser Z, Boshoff AB. The Relationships between Servant Leadership, Trust, Team Commitment and Demographic Variables. Paper Presented at the Servant Leadership Research Roundtable Proceedings; 2006.
https://doi.org/10.1108/JRME-08-2020-0105

44. Mowday RT, Steers, RM, Porter LW. The measurement of organizational commitment. J Vocat Behav. 1979;14(2):224-47. https://doi.org/10.1016/0001-8791(79)90072-1

45. Tajpour M, Salamzadeh A, Salamzadeh Y, Braga V. Investigating social capital, trust and commitment in family business: Case of media firms, J Family Bus Manag. 2021; ahead-of-print. https://doi.org/10.1108/JFBMW-02-2021-0013

46. Kundi YM, Hollet-Haudebert S, Peterson J. Linking protein and boundaryless career attitudes to subjective career success: A serial mediation model. J Career Assessment. 2021;29(2):263-82. https://doi.org/10.1177/106077272095782

47. Riketta M. Attitudinal organizational commitment and job performance: A metatudinal org, J Organ Behav. 2002;23(3):257-66. https://doi.org/10.1002/job.141

48. Berzonsky MD. Identity style and well-being: Does commitment matter? Identity: An Int J Theory Res. 2003;3(2):131-42. https://doi.org/10.1023/S1532706X1D030203

49. Bakker AB, De Vries JD. Job demands-resources theory and self-regulation: New explanations and remedies for job burnout. Anxiety Stress Coping. 2021;34(1):1-21. https://doi.org/10.1080/10615806.2019.1797695

50. Balz A, Schuller K. Always looking for something better? The impact of job insecurity on turnover intentions: Do employables and irreplaceables react differently? Econ Ind Democracy. 2021;42(1):142-59. https://doi.org/10.1080/1438311X18757058

51. Bashaw RE, Grant ES. Exploring the distinctive nature of work commitments: Their relationships with personal characteristics, job performance, and propensity to leave. J Personal Selling Sales Manag. 1994;14(2):41-56. https://doi.org/10.1080/0885314.1994.10753984

52. Liu-Farrer G, Shire K. Who are the fittest? The question of skills in national employment systems in an age of global labour mobility. J Ethnic Migr Stud. 2021;47(10):2305-22. https://doi.org/10.1080/1069072X.2020.1731987

53. Yusof A, Shamsuri N. Organizational justice as a determinant of organizational commitment: A general model. Hum Res Manag Rev. 2001;11(3):299-326. https://doi.org/10.1016/S1053-4822(00)00053-X

54. Akerlof GA, Rose AK, Yellen JL, Ball L, and Hall RE. Job switching and job satisfaction in the U.S. labor market. Brookings Pap Econ Act. 1988;2:495-594. Available from: https://www.jstor.org/stable/2534536 [Last accessed on 2021 Jul 25].

55. Hackett RD, Guion RM. A reevaluation of the absenteeism-job satisfaction relationship. Organ Behav Hum Decis Process. 1985;35(3):340-81. https://doi.org/10.1016/0749-5978(85)90028-7

56. Liu Y, Watson S. Whose leadership role is more substantial for teacher professional collaboration, job satisfaction and organizational commitment: A lens of distributed leadership. Int J Leadersh Educ. 2020;23:1-29. https://doi.org/10.1080/13603612.2020.1820580

57. Ng LP, Choong YO, Kuar CS, Tan CE, Teoh SY. Job satisfaction and organizational citizenship behaviour amongst health professionals: The mediating role of work engagement. Int J Health Care Manag. 2021;14(3):797-804. https://doi.org/10.1007/s10440-020-00482-5

58. Sari M, Nasution MI, Wahyuni SF. The strategy of spiritual leadership: The role of spiritual survival, workplace spirituality and organizational commitment at private Universities. Int J Res Bus Soc Sci. 2019;8(1):64-72. https://doi.org/10.20525/jrbs. v8i1.194

59. Akterlof GA, Rose AK, Yellen JL, Ball L, Hall RE. Job switching and job satisfaction in the US labor market. Brookings Pap Econ Act. 1988;2:495-594. Available from: https://www.jstor.org/stable/2534536 [Last accessed on 2021 Jul 25].

60. Uktutias et al. Servant Leadership, Job Satisfaction, and Organizational Commitment

61. Weir K. More than job satisfaction: Psychologists are discovering what makes work meaningful—and how to create value in any
77. Raab R. Workplace perception and job satisfaction of older workers. J Happiness Stud. 2020;21(3):943-63. https://doi.org/10.1007/s10902-019-10019-7

78. Ye Q. Extending research on Technostress: Exploring the Moderating Effects of Techno-Savvy and the Proactive Personality on the Relationship Between Technostress and Job Satisfaction. J Bus Satisfaction and Stress. (Master of Science Electronic Thesis or Dissertation). University of Canterbury; 2018.

79. Labrague LJ, De Los Santos JA. Fear of covidity of catheterb, the proactive personality on their intention among frontline nurses. J Nurs Manag. 2021;29(3):395-403. https://doi.org/10.1111/jonm.13168

PMid: 2985046

80. Mayer RC, Davis JH, Schoorman FD. An integrative model of organizational trust. Acad Manag Rev. 1995;20(3):709-34. https://doi.org/10.5465/amr.1995.9508080335

81. Allen NJ, Meyer JP. Organizational socialization tactics: A longitudinal analysis of links to newcomers' commitment and role orientation. Acad Manag J. 1990;33(4):847-58. https://doi.org/10.5465/256294

82. Allen NJ, Meyer JP. Construct validity in organizational behavior research: The case of organizational commitment. In: Problems and Solutions in Human Assessment. Boston, MA: Springer; 2000. p. 285-314. https://doi.org/10.1007/978-1-4615-4397-8_13

83. Oliveira MS, Alves MA, Pinho FT, McKinley GH. Viscous flow through microfabricated hyperbolic contractions. Exp Fluids. 2007;43(2):437-51. https://doi.org/10.1007/s00348-007-0306-2

84. Jawaad M, Amir A, Bashir A, Hasan T. Human resource practices and organizational commitment: The mediating role of job satisfaction in emerging economy. Cogent Bus Manag. 2017;4(1):1-10. https://doi.org/10.1080/23311975.2017.1608668

85. Ismainar H, Djuhaeni H, Magretta JS. Job satisfaction is dominant factor influencing of nurse performance in X hospital pekanbaru. J Public Health Trop Coast Region. 2021;4(1):16-22.

86. Elmira AS, Almara FT. Viscous flow through microfabricated hyperbolic contractions. Exp Fluids. 2007;43(2):437-51. https://doi.org/10.1007/s00348-007-0306-2

87. Irfan M, Zhao ZY, Rehman A, Ozturk I, Li H. Consumers psyche and attitude towards clothing donation: An empirical study on Chinese consumers. J Bus Satisfaction and Stress. (Master of Science Electronic Thesis or Dissertation). University of Canterbury; 2018.

88. Ye Q. Extending research on Technostress: Exploring the Moderating Effects of Techno-Savvy and the Proactive Personality on the Relationship Between Technostress and Job Satisfaction. J Bus Satisfaction and Stress. (Master of Science Electronic Thesis or Dissertation). University of Canterbury; 2018.

89. Lakatamitou I, Lambrinou E, Kyriakou M, Paikousis L, Intepeler SS, Esrefgil G, Yilmazmis F, Bengu N, Dinc NG, Ileri S. Alaska's Suction Flow Characteristic and its Application in Tidal River Systems. J Egypt Public Health Assoc. 2020;95(1):1-8. https://doi.org/10.1118/1037/s42506-020-00048-9

PMid: 32813099

90. Kanning UP, Hill A. Validation of the organizational commitment questionnaire (OCQ) in six languages. J Bus Media Psychol. 2013;4(2):11-20.

91. Williams WA, Brandon RS, Hayek M, Haden SP, Atinc G. Servant leadership and followership creativity. Leadersh Organ Dev J. 2017;38(2):178-93. https://doi.org/10.1108/LODJ-02-2015-0019

92. Zhang Y, Zheng Y, Zhang L, Xu S, Li X, Chen W. A meta-analytic review of the consequences of servant leadership: The moderating roles of cultural factors. Asia Pacific J Manag. 2021;39(1):371-400. https://doi.org/10.1007/s10490-018-9639-z

93. Hoch JE, Bommer WH, Dulebohn JH, Wu D. Do ethical, authentic, and servant leadership explain variance above and beyond transformational leadership? A meta-analysis. J Manag History. 2018;44(2):501-29. https://doi.org/10.1177/10760378.2019.1673668

94. Abbas A, Elyan Y, Akowati D, Saud M, Raza A, Wardani R. Data set on coping strategies in the digital age: The role of psychological well-being and social capital among university students in Java Timor, Surabaya, Indonesia. Data Brief. 2020;30:105583. https://doi.org/10.1016/j.dib.2020.105583

95. Fenitra RM, Handriana T, Usman I, Premantano GC, Hartini S. Sustainable clothing disposal behavior, factor influencing consumer intention toward clothing donation. Environment. 2021;28(1):1-15.

96. Taber KS. The use of Cronbach's alpha when developing and reporting research instruments in science education. Res Sci Educ. 2018;48(6):1273-96. https://doi.org/10.1007/s11165-016-9602-2

97. Fornell C, Larcker DF. Evaluating structural equation models using unobservable variables and measurement error. J Mark Res. 1981;18(1):39-50. https://doi.org/10.2307/3151312

98. Fenitra RM, Tanti H, Gancar CP, Indranawati U. Understanding the proactive personality on theer intention among frontline nurses. J Nurs Manag. 2021;29(3):395-403. https://doi.org/10.1111/jonm.13168

99. Rönkkö M, Cho E. An updated guideline for assessing discriminant validity. Organ Res Methods. 2020;23(1):1-42. https://doi.org/10.1177/1094428120986614

100. Mathivet R, Allouche A, Nicolas L, Mitrovi F, Fabricius CW. Berbois C, et al. A conceptual framework for heuristic progress in exploring management regime shifts in biodiversity conservation and climate change adaptation of coastal areas. Sustainability. 2018;10(11):4171. https://doi.org/10.3390/su10114171

101. Cronbach LJ, Meehl PE. Construct validity in psychological tests. Psychol Bull. 1955;52(4):281-302. https://doi.org/10.1037/h0040957

PMid: 13245896

102. Bernstein IH, Eveland DC. State vs trait anxiety: A case study in confirmatory factor analysis. Pers Individ Dif. 1982;3(4):361-72. https://doi.org/10.1016/0191-8869(82)90002-2

103. Irfan M, Zhao ZY, Rehman A, Ozturk I, Li H. Consumers psyche and attitude towards clothing donation: An empirical study on Chinese consumers. J Bus Satisfaction and Stress. (Master of Science Electronic Thesis or Dissertation). University of Canterbury; 2018.

104. Weiss DJ, Dawis RV, England GW. Manual for the Minnesota Satisfaction Questionnaire. Washington, DC, USA: University of Minnesota; 1967. https://doi.org/10.1007/1094428120986614

105. Irfan M, Zhao ZY, Rehman A, Ozturk I, Li H. Consumers psyche and attitude towards clothing donation: An empirical study on Chinese consumers. J Bus Satisfaction and Stress. (Master of Science Electronic Thesis or Dissertation). University of Canterbury; 2018.
108. Dalati S. The impact of servant leadership on leadership sustainability: Empirical evidence from higher education in Syrian universities. Entrep Sustain Issues. 2016;3(3):269-81. https://doi.org/10.9770/jesi.2016.3.3(4)

109. Eliyana A, Ma’arif S. Job satisfaction and organizational commitment effect in the transformational leadership towards employee performance. Eur Res Manag Bus Econ. 2019;25(3):144-50. https://doi.org/10.1016/j. iedeen.2019.05.001

110. Ćulibrk J, Delić M, Mitrović S, Ćulibrk D. Job satisfaction, organizational commitment and job involvement: The mediating role of job involvement. Front Psychol. 2018;9:132. https://doi.org/10.3389/fpsyg.2018.00132

111. Abbas A, Ekowati D, Suhariadi F. Managing individuals, organizations through leadership: Diversity consciousness roadmap. In: Christiansen B, Chandan H, editors. Handbook of Research on Applied Social Psychology in Multiculturalism. Pennsylvania: Hershey, IGI Global; 2021. p. 47-71. https://doi.org/10.4018/978-1-7998-6960-3.ch003

112. Abbas A, Saud M, Ekowati D, Suhariadi F. Social psychology and fabrication: A synthesis of individuals, society, and organization. In: Christiansen B, Chandan H, editors. Handbook of Research on Applied Social Psychology in Multiculturalism. Pennsylvania: Hershey, International Gemological Institute Global; 2021. p. 89-109. https://doi.org/10.4018/978-1-7998-6960-3.ch005

113. Atmojo M. The influence of transformational leadership on job satisfaction, organizational commitment, and employee performance. Int Res J Bus Stud. 2015;5(2):113-28. https://doi.org/10.21632/irjbs.5.2.113-128