

Motivation on Job Satisfaction and Employee Performance



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Abstract

This study aims to study the effect of motivation on job satisfaction and employee performance. The population in this study was 505 Cooperativa Café Timor employees in Timor-Leste by determining saturated samples at 6 company locations, namely the NT Factory, Comoro, Manleuana, Railaco, Tibar, and at the Head Office as many as 202. This study used a quantitative approach with data collection methods using interviews and questionnaires. Data that has been collected and verified valid are analyzed using descriptive analysis techniques and using a variance-based or component-based approach with Partial Least Square (PLS) analysis tools. The results show that motivation has a significant positive effect on job satisfaction and employee performance. The findings of this study also state that job satisfaction has a significant positive effect on employee performance. The implications of this study emphasize the need to improve adaptive performance so that companies can always keep abreast of developments in the face of increasingly fierce competition.

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1 Introduction

Employee performance is a performance result that can be achieved by a person or group in an organization both qualitatively and quantitatively (Robbins & Judge 2017). All activities carried out to improve the business of a company or organization is a form of performance. Success in achieving superior performance requires the strategic role of employees as actors in every company activity (Raineri, 2017). Therefore, companies need to monitor the performance of each employee, whether or not they have carried out their duties and obligations as expected. Efforts to improve employee performance are a management challenge because success in achieving the goals and survival of the company depends on the quality of the performance of the human resources that are in it (Oliveira & Honório, 2020).

Employee performance can be influenced by some factors, one of which is motivation. Employee motivation at the company must be a serious concern in managing human resources (Village & Asaari, 2020). Companies must pay attention to how to maintain and manage employee motivation at work so that they always focus on company goals. Maintaining employee motivation is very important because motivation is a driving force for every individual who underlies employees to act and do something. Employees will not do things optimally if they do not have high motivation from within themselves to excel at work. Motivation can be divided into two (Danvila-del-Valle *et al.*, 2019), namely positive motivation and negative motivation. Positive motivation is the process of influencing people by giving the possibility of getting gifts while negative motivation is the process of influencing someone through the power of fear such as loss of recognition, money, or position. Research by Rizaldi (2017), which examines the effect of motivation on employee performance shows that motivation has a positive effect on employee performance. Furthermore, research by Olusadum & Anulika (2018) about the effect of motivation on employee performance found that motivation has a positive and significant effect on employee performance.

In addition to motivation, another factor influencing performance is employee job satisfaction. Robins & Judge (2017) state that job satisfaction is related to personal level satisfactions. Therefore, the level of satisfaction of each person is different and what happens if several factors are met, namely individual needs and their relationship with the degree of employee preference and dislike (Luthans, 2006; Lu *et al.*, 2002; Beebe *et al.*, 2009; Saner & Eyüpoğlu, 2013). Job satisfaction can be one of the main reasons for the continuity and success of a company. Job satisfaction is one of the attitudes that has been extensively studied in the field of organizational behavior to understand various organizational outcomes (Krishnan *et al.*, 2010). Luthans (2006) explains that job satisfaction is the employee's perception of how well the job provides what is considered to be important and positive. Some research findings suggest that motivation has a significant effect on job satisfaction (Khalid *et al.*, 2011; Singh & Tiwari, 2011). This study aims to analyze the relationship between motivation and job satisfaction and employee performance.

Literature Review

According to Kaye & Evans (2000), maintaining human resources is one of the key challenges in managing an organization. Success in solving various human resource problems can produce an effective organization because employees who are motivated and more satisfied tend to be more cooperative and that they are more productive in the workplace. Research by Octaviann *et al.* (2017) examined the effect of motivation on employee performance. Larasati & Gilang (2014) found that motivation had a positive effect on employee performance at Witel Bekasi. Research conducted by Rizaldi (2017) examined the effect of motivation on employee performance shows that motivation has a positive effect on employee performance. Research by Badrianto & Ekhsan (2019) about the effect of motivation on employee performance found that motivation has a positive effect on employee performance.

Hidayah (2018) shows that intrinsic motivation plays an important role in increasing employee job satisfaction. Octaviann *et al.* (2017) state that motivation has a positive and significant effect on job satisfaction. Hidayah (2018) also stated the need for employees to have the motivation to increase job satisfaction. Research result by Prabu (2005) states that combined motivations have a positive influence on job satisfaction. Research conducted by Akmal & Aslinda (2015) shows that motivation has a positive effect on employee job satisfaction.

Research by Saputra (2016) regarding the effect of job satisfaction on employee performance shows a positive effect on employee performance. This concept is supported by Sanuddin & Widjojo (2013) which states that job satisfaction has a positive effect on employee performance. Research by Tobing (2009) about the effect of job satisfaction on employee performance found that job satisfaction has a positive effect on employee performance. Inuwa (2016) explains that there is a significant influence on job satisfaction on employee performance. Job satisfaction is also an important predictor in increasing employee effectiveness (Riana *et al.*, 2018). According to Anwar *et al.* (2015),

Employees who feel satisfied at work can increase various efforts done at work. Also, satisfied employees tend to make positive contributions to form a more conducive organizational climate (Noermijati & Primasari, 2015). Conversely, disgruntled employees have the potential to oppose the organizational policy, make a fuss at work, and may even engage in counterproductive behavior (Nurak & Riana, 2017; Ross & Reskin, 1992; Payne *et al.*, 1976). According to Riana *et al.* (2018), job satisfaction also refers to the positive attitude of employees towards the tasks assigned by the organization so that employees perform various tasks possible to maximize desired satisfaction. Employees who are motivated and satisfied at work tend to contribute better to the organization (Riana, 2015; Octaviann *et al.*, 2017).

H1: Motivation has a positive and significant effect on employee performance.

H2: Motivation has a positive and significant effect on job satisfaction.

H3: Job satisfaction has a positive and significant effect on employee performance.

2 Materials and Methods

This research conducted at the *Cooperativa Café Timor* (CCT) with a total population of 505 employees. The sample was determined using sample techniques *Random Sampling Cluster* among others, to examine a thing in different parts of an object. The calculation resulted in a total sample of 202 employees. Quantitative and qualitative data, both from primary and secondary sources were collected by conducting interviews and distribution of questionnaires. The questionnaire was arranged based on some question items, namely employee performance variables adopting research (Koopsmans *et al.*, 2016; Robbins & Judge, 2017), the job satisfaction variable adopting research Cekmecelioglu *et al.* (2012), and motivation variables adopting research question items (Deci & Ryan, 2000; Tremblay *et al.*, 2009). Before the data was collected as a whole, a data quality test was conducted on the research instrument using 30 samples. The results of the data quality test show the moment product correlation value ≥ 0.30 and the Cronbach alpha value ≥ 0.60 so that the research instrument is valid and reliable (Sugiyono, 2013). Furthermore, the data collected was analyzed using descriptive analysis and inferential analysis of the SmartPLS software. Furthermore, the profile of research respondents is described in Table 1, as follows.

Table 1
Characteristics of Respondents

No	Information	Total	Percentage
1	Gender		
	Male	158	76.2
	Female	48	23.8
	Total	202	100.0
2	Age		
	20-25 years	9	4.5
	26-30 years old	33	16.3
	31 - 35 years old	27	13.4
	35 - 40 years old	38	18.8
	41-45 years old	41	20.3
	> 46 years old	54	26.7
	Total	202	100.00
3	Level of education		
	Primary school	5	2.5
	Junior high school	13	6,4
	Senior High School	123	60.9
	Bachelor degree	58	28.7
	Postgraduate	3	1.5
	Total	202	100.0
5	Years of work		
	15 years	51	25.2
	6-10 years	58	28.7
	11-15 years	24	11.9
	16-20 years	44	21.8
	> 21 years old	25	12.4
	Total	202	100.0

3 Results and Discussions

Evaluation of the outer model

The convergent validity calculation aims to find out the instrument items that can be used as indicators of all latent variables. Convergent validity test results are measured based on the value of the loading factor of the construct indicator, where the loading factor limit of 0.5 is used. The convergent validity test results are presented in Table 2.

Table 2
Outer Loading

Variable	Indicator	Outer Loading	T-statistic
Motivation (X)	Intrinsic Motivation (X1)	0.673	6,547
	Integrated Regulation (X2)	0.726	12,058
	Identified Regulation (X3)	0.778	10,177
	Introjected Regulation (X4)	0.816	22,830
	External Regulation (X5)	0.815	32,459
Job Satisfaction (Y1)	Job satisfaction (Y1)	0.802	18,140
	Satisfaction with rewards (Y2)	0.830	14,170
	Satisfaction with development (Y3)	0.805	12,513
	Satisfaction with supervision (Y4)	0.561	2,959
	Satisfaction with coworkers (Y5)	0.832	15,158

Variable	Indicator	Outer Loading	T-statistic
Employee Performance (Y2)	Satisfaction with the work environment (Y6)	0.802	18,140
	Task Performance (Y2.1)	0.890	17,650
	Contextual Performance (Y2.2)	0.915	37,021
	Adaptive Performance (Y2.3)	0.900	22,162

All indicators of the research variable show an outer loading value above 0.50 (> 0.50), which means that the model meets the convergent criteria. Furthermore, the variable mean (mean), the results of the composite validity and discriminant validity test can be seen in Table 3.

Table 3
Mean, Composite Reliability, and AVE

Variable	The mean	Composite Reliability	Average variance extracted (AVE)	\sqrt{AVE}
Motivation (X)	3.80	0.874	0.583	0.763
Job Satisfaction (Y1)	3.74	0.879	0.598	0.773
Employee Performance (Y2)	4.22	0.929	0.813	0.901

Based on Table 3 above, it can be seen that of the three variables having AVE values above 0.5 and value \sqrt{AVE} greater than the correlation coefficient between one variable with another variable. So, it can be concluded that the measurements made meet the discriminant validity requirements. The results of the outer model evaluation testing as a whole have met the accuracy criteria of the model so that it can be interpreted further because it meets the validity and reliability criteria of the model.

Evaluation of the inner model

Goodness of Fit (GoF) testing of structural models in the inner model uses the value of predictive-relevance Q^2 (Q^2) to test the variables used in the model so that it can be seen how much influence exogenous variables have on endogenous variables. R^2 values for each endogenous variable in this study can be seen in the following Table 4.

Table 4
R² Value of Endogenous Variables

Dependent variable	R-square
Job Satisfaction (Y1)	0.392
Employee Performance (Y2)	0.645

The predictive-relevance Q2 value is obtained by the formula:
 $Q2 = 1 - (1 - R12) (1 - R22) \Rightarrow Q2 = 1 - (1 - 0.399) (1 - 0.630)$
 $Q2 = 1 - (0.608) (0.355) = Q2 = 1 - 0.215 \Rightarrow Q2 = 0.785$

The calculation results show a predictive-relevance value of 0.785 (> 0). That means that 78.5%. These results indicate that the structural model has a good (Goodness of Fit Model). Also, this result implies that 77.8% can be explained by the variables used in the research model, while the remaining 21.5% is explained by other variables outside the research model.

Hypothesis Test Results

The results of data analysis using PLS showed that the second model was obtained by analyzing again using smartPLS software. The results of the analysis are shown in Figure 1, below.

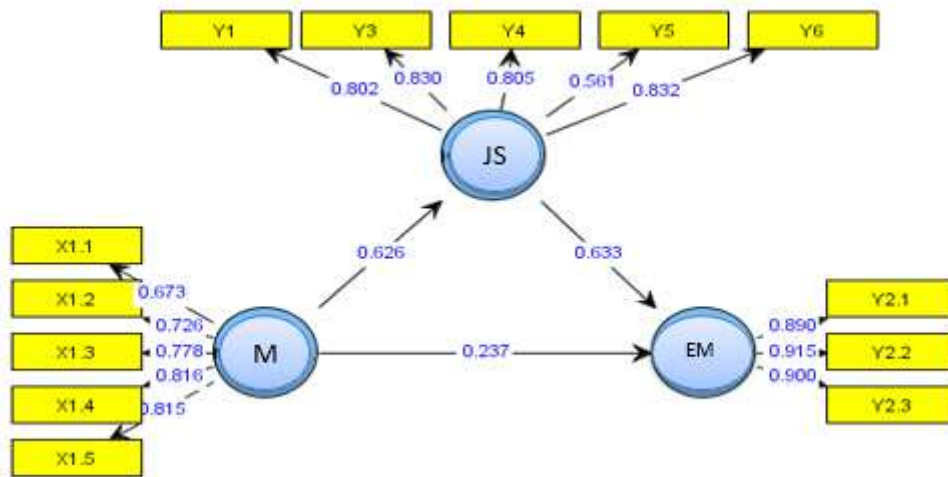


Figure 1. Results of PLS analysis
 * M = motivation, JS = job satisfaction, EM = employee performance

Table 5
Hypothesis Test Results

No	Inter-Variable Relationship	Original sample estimate	T-Statistics	Information
1	Motivation (X) -> Employee Performance (Y2)	0.237	2,211	Significant
2	Motivation (X) -> Job Satisfaction (Y1)	.626	1031	Significant
3	Job Satisfaction (Y1) -> Employee Performance (Y2)	0.633	5,589	Significant

The coefficient path test results show that between motivation and employee performance shows a positive and significant relationship with a coefficient value of 0.237 and a T-statistic value of 2.211 where the value is greater than

1.96. This means that the better motivation will improve employee performance. The results of the line coefficient test showed that between motivation and job satisfaction showed a positive and significant relationship with a coefficient value of 0.626 and a T-statistic value of 10.231 where the value was greater than 1.96. This means that the better motivation, the higher the employee job satisfaction. The results of the coefficient test line between job satisfaction and employee performance indicate a positive and significant relationship with the coefficient value of 0,633, and the T-statistic value of 5,589 where the value is greater than 1.96. This means that better job satisfaction is felt, the better the performance that can be generated by employees.

Discussion

Every company always expects high employee performance so that it must be balanced with the capabilities possessed by employees, employee hard work, cooperation between employees, as well as a good leadership system. The results of this study show that motivation has a positive and significant effect on employee performance (Abdi Mohamud *et al.*, 2017). This means that a high level of motivation possessed by employees can have an impact on increased performance. Motivation, which includes intrinsic motivation, integrated regulation, identified regulation, and introjected regulation able to improve employee performance (Hartati, 2020). The results of this study are in line with research Rizaldi (2017) that examined the effect of motivation on employee performance and shows that motivation has a positive effect on employee performance (Waiyaki, 2017). Further research by Yusrisal & Heryanto (2019) about the effect of motivation on employee performance shows that motivation has a positive and significant effect on employee performance. Employees with high motivation tend to make various efforts in the workplace so that it can improve the resulting performance (Chien *et al.*, 2020).

The findings of this study also inform that motivation has a positive and significant effect on job satisfaction (Stefurak *et al.*, 2020). This means that the higher the motivation of employees, the easier it will be for employees to increase their satisfaction at work. Motivation is proven to be able to encourage employees to increase job satisfaction. The results of this study are in line with the research conducted Sobaih & Hasanein (2020) shows that intrinsic motivation plays an important role in increasing employee job satisfaction. Furthermore, research conducted by Ihsani & Wijayanto (2020) also states that motivation has a positive and significant effect on job satisfaction, which means the higher the motivation tends to make employees more easily feel job satisfaction (Syamsir, 2020; Lubis, 2020).

The results of this study provide evidence that job satisfaction has a positive and significant effect on employee performance (Andjarwati *et al.*, 2019). This means that job satisfaction felt by employees can have an impact on increasing employee performance. Job satisfaction is felt when employees believe that the work done is fun, they feel that the received salary is following the workload and that they have the same opportunities as other colleagues to achieve a good position, they feel comfortable with supervision from the leadership, which always provide them with the support, technical assistance and motivation, all of which can increase job satisfaction (Inuwa, 2016). Moreover, the existence of work colleagues who are always willing to help each other when facing difficulties at work, creating a work environment conditions that are very pleasant and supportive will also improve employee performance. The results of this study are in line with research conducted by Yuliandi (2019) about the effect of job satisfaction on employee performance where it was found that job satisfaction has a positive effect on employee performance. Also, research conducted by Marliani (2016) and Eliyana & Ma'arif (2019) also found that there is a significant positive influence between the job satisfaction variable on employee performance variables.

This research has clarified some previous studies related to the concepts of motivation, job satisfaction, and employee performance. The analysis shows that motivation can increase job satisfaction and employee performance (Roberts & David, 2020). This study also provides important implications related to theories about motivation, job satisfaction, and their impact on employee performance. Furthermore, the results of this study also confirm previous studies related to the relationship between motivation, job satisfaction, and performance employees (Rinny *et al.*, 2020; Saban *et al.*, 2020). The findings of this study further clarify the important role of motivation in increasing job satisfaction. The results of the analysis explain that employees who feel the work done as part of personal life believe that motivation is an important factor in increasing satisfaction work (Ramli, 2019). Also, employees who successfully complete challenging tasks can lead to increased job satisfaction (Mira *et al.*, 2019). Therefore, the company management needs to pay attention to factors that can accommodate various characteristics of individual employees, such as providing opportunities for employees to learn new skills, create a more conducive working atmosphere, provide basic needs, and maintain better working conditions.

Furthermore, this study emphasizes the importance of motivation, especially introjected regulation (Ryan & Deci, 2000) because it is considered capable of improving employee performance, therefore, it must always be maintained

and improved. A motivated employee will always try to perform every job in every best way possible to achieve success. Also, satisfied employees will always try to promote mutual help work-environment between employees, which will in turn improve job performance by the employees.

4 Conclusion

Motivation has a significant effect on employee performance, this means that motivation is needed to support all company activities better. Employees who have high motivation tend to contribute all their abilities to the company to improve performance both in quality and quantity. Motivation has a positive and significant effect on job satisfaction, this means that employees need to have motivation in carrying out work activities. Also, the company is deemed necessary to create and maintain a condition where their employees are always feeling motivated to work. Employees who have high motivation tend to be easier to feel satisfaction at work. Job satisfaction has a positive and significant effect on employee performance, this means that company management needs to pay attention to the job satisfaction of its employees. Satisfied employees with work and the environment will have increased motivation to improve its capabilities, which in turn will increase its job performance.

Conflict of interest statement

The authors declared that they have no competing interests.

Statement of authorship

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

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References

- Abdi Mohamud, S., Ibrahim, A. A., & Hussein, J. M. (2017). The effect of motivation on employee performance: Case study in Hormuud company in Mogadishu Somalia. *International Journal of Development Research*, 9(11), 17009-17016.
- Akmal, M., I. & Aslinda. (2015). The effect of motivation on Organizational citizenship behavior at Telkon Indonesia Makassar, *International journal of administrative science and organization*, 21(2), 114-120.
- Andjarwati, T., Setiono, B. A., Susilo, K. E., Budiarti, E., Sustiyatik, E., Audah, A. K., & Winarno, A. F. (2019). The Effect Of Osha, Work Environment And Work Discipline On Employee Satisfaction And Employee Performance. *Archives of Business Research (ABR)*, 7(11).
- Anwar, BA, Maupa, H., Muhhamad, A., and Muhammad, I. (2015) The Effects of Work Stress and Compensation on the Employees' Performance through Motivation and Job Satisfaction at the Private Life Insurance Companies in Jakarta, Indonesia, *Scientific Research Journal (SCIRJ)*, 3(9), 33-36.
- Badrianto, Y., & Ekhsan, M. (2019). The effect of work environment and motivation on employee performance of pt. Hasta multi sejahtera cikarang. *Journal of Research in Business, Economics, and Education*, 1(1).
- Beebe, A., Blaylock, A., & Sweetser, K. D. (2009). Job satisfaction in public relations internships. *Public Relations Review*, 35(2), 156-158. <https://doi.org/10.1016/j.pubrev.2008.09.016>
- Çekmecelioglu, H. G., Günsel, A., & Ulutaş, T. (2012). Effects of emotional intelligence on job satisfaction: An empirical study on call center employees. *Procedia-Social and Behavioral Sciences*, 58, 363-369. <https://doi.org/10.1016/j.sbspro.2012.09.1012>
- Chien, G. C., Mao, I., Nergui, E., & Chang, W. (2020). The effect of work motivation on employee performance: Empirical evidence from 4-star hotels in Mongolia. *Journal of Human Resources in Hospitality & Tourism*, 1-23. <https://doi.org/10.1080/15332845.2020.1763766>
- Danvila-del-Valle, I., Estévez-Mendoza, C., & Lara, F. J. (2019). Human resources training: A bibliometric analysis. *Journal of Business Research*, 101, 627-636. <https://doi.org/10.1016/j.jbusres.2019.02.026>
- Desa, N. M., & Asaari, M. H. A. H. (2020). Mediation of Perceived Organizational Support between Human Resources Practices and Job Performance among Engineers in the Penang Free Trade Zone. *International Journal of Asian Social Science*, 10(7), 368-380.
- Eliyana, A., & Ma'arif, S. (2019). Job satisfaction and organizational commitment effect in the transformational leadership towards employee performance. *European Research on Management and Business Economics*, 25(3), 144-150. <https://doi.org/10.1016/j.iedeen.2019.05.001>
- Hartati, T. (2020). Analysis of Influence of Motivation, Competence, Compensation toward Performance of Employee. *Budapest International Research and Critics Institute (BIRCI-Journal): Humanities and Social Sciences*, 3(2), 1031-1038. <https://doi.org/10.33258/birci.v3i2.933>
- Hidayah, A. K. (2018). The Influence of Individual Characteristics, and Leadership, through Work Motivation and Job Satisfaction on Employee Performance of East Kalimantan Forestry Agency Office. *International Journal of Accounting, Finance, and Economics*, 1(1), 32-45.
- Ihsani, N., & Wijayanto, A. (2020). The effect of organizational culture, motivation, and job satisfaction on employee performance. *Dinasti International Journal of Digital Business Management*, 1(4), 492-502.
- Inuwa, M. (2016). Job satisfaction and employee performance: An empirical approach. *The Millennium University Journal*, 1(1), 90-103.
- Kaye, B. & Evans, S., J. (2000). "Retention: Tag, You're It!" *Training & Development*, 54(4), 29-33.
- Khalid, K., Salim, H. M., & Loke, S. P. (2011). The impact of rewards and motivation on job satisfaction in water utility industry. In *International Conference on Financial Management and Economics*, 11(2), 35-41.
- Koopmans, L., Bernaards, C. M., Hildebrandt, V. H., Lerner, D., de Vet, H. C., & van der Beek, A. J. (2016). Cross-cultural adaptation of the individual work performance questionnaire. *Work*, 53(3), 609-619. <https://doi.org/10.3233/WOR-152237>
- Krishnan, M., Nalaskowski, J. W., & Cook, L. M. (2010). Chemical mechanical planarization: slurry chemistry, materials, and mechanisms. *Chemical reviews*, 110(1), 178-204.
- Larasati, S., & Gilang, A. (2014). Pengaruh Motivasi Kerja terhadap Kinerja Karyawan Wilayah Telkom Jabar Barat Utara (Witel Bekasi). *Jurnal Manajemen dan Organisasi*, 5(3), 200-213.
- Lu, K. Y., Lin, P. L., Wu, C. M., Hsieh, Y. L., & Chang, Y. Y. (2002). The relationships among turnover intentions, professional commitment, and job satisfaction of hospital nurses. *Journal of Professional Nursing*, 18(4), 214-219. <https://doi.org/10.1053/jpnu.2002.127573>

- Lubis, R. K. (2020). Analysis of Effect of Work Motivation and Job Satisfaction Performance Against Serdang Agricultural Extension Bedagai. *Journal of Management Science (JMAS)*, 3(1, Januari), 19-24.
- Luthans, F., Avey, J. B., Avolio, B. J., Norman, S. M., & Combs, G. M. (2006). Psychological capital development: toward a micro-intervention. *Journal of Organizational Behavior: The International Journal of Industrial, Occupational and Organizational Psychology and Behavior*, 27(3), 387-393. <https://doi.org/10.1002/job.373>
- Marliani S. (2016). Motivation and Job Satisfaction on Employee Performance. *Journal of Buana Accounting*, 1(1).
- Mira, M., Choong, Y., & Thim, C. (2019). The effect of HRM practices and employees' job satisfaction on employee performance. *Management Science Letters*, 9(6), 771-786. <http://dx.doi.org/10.5267/j.msl.2019.3.011>
- Noermijati, N., & Primasari, D. (2015). The effect of job stress and job motivation on employees' performance through job satisfaction (A study at PT. Jasa Marga (Persero) Tbk. Surabaya-Gempol branch). *Journal of Economics, Business, & Accountancy Ventura*, 18(2), 231-240. <http://dx.doi.org/10.14414/jebav.v18i2.450>
- Nurak, L., & Riana, G. (2017). Examine the effect of organizational justice on job satisfaction and employee performance. *Journal of Management and Marketing Review (JMMR) Vol*, 2(3).
- Octaviannand, R., Pandjaitan, N. K., & Kuswanto, S. (2017). Effect of Job Satisfaction and Motivation towards Employee's Performance in XYZ Shipping Company. *Journal of education and practice*, 8(8), 72-79.
- Oliveira, H. H., & Honório, L. C. (2020). Human resources practices and organizational commitment: connecting the constructs in a public organization. *RAM. Revista de Administração Mackenzie*, 21(4). <https://doi.org/10.1590/1678-6971/eramg200160>
- Olusadum, N. J., & Anulika, N. J. (2018). Impact of Motivation on Employee Performance: A Study of Alvan Ikoku Federal College of Education. *sigma*, 1, 1.
- Payne, R. L., Fineman, S., & Wall, T. D. (1976). Organizational climate and job satisfaction: A conceptual synthesis. *Organizational behavior and human performance*, 16(1), 45-62. [https://doi.org/10.1016/0001-8791\(87\)90009-1](https://doi.org/10.1016/0001-8791(87)90009-1)
- Prabu, M. A. (2005). Manajemen sumber daya manusia perusahaan. Bandung: PT. Remaja Rosdakarya.
- Raineri, A. (2017). Linking human resources practices with performance: the simultaneous mediation of collective affective commitment and human capital. *The International Journal of Human Resource Management*, 28(22), 3149-3178. <https://doi.org/10.1080/09585192.2016.1155163>
- Ramli, AH (2019). Compensation, job satisfaction and employee performance in health services. *Business and Entrepreneurial Review*, 18 (2), 177-186.
- Riana I G., Wiagustini, NLP, Dwijayanti, KI, and Rihayana, IG (2018). Managing Work-Family Conflict and Work Stress through Job Satisfaction and Its Impact on Employee Performance, *Journal of Industrial Engineering*, Vol. 20, No. 2, pp. 127 - 134
- Riana, IG (2015). Effects of Motivation on Business Performance: The Mediation Role of Job Satisfaction and Leadership (A Study in Village Credit Institutions), *European Journal of Business, Economics and Accountancy*, Vol. 3, No. 2, 2015, Pp. 1 - 11
- Rinny, P., Purba, CB, & Handiman, UT (2020). The Influence Of Compensation, Job Promotion, And Job Satisfaction On Employee Performance From Mercubuana University. *International Journal of Business Marketing and Management (IJBMM)*, 5 (2), 39-48.
- Rizaldi.MY (2017). The Effect of Motivation on Employee Performance of PT. Prime rate is Beautiful with Job Satisfaction as a Mediation variable. Thesis Journal.
- Robbins, S. P., Judge, T. A., & Vohra, N. (2017). Organizational Behavior (16th Eds.). *Tamil Nadu: Pearson India Education Services Pvt. Ltd.*
- Robbins, SP and Judge, TA (2017), *Organizational Behavior*, Organizational Behavior., Issue 12, Jakarta: Salemba Empat Publisher
- Roberts, JA, & David, ME (2020). Boss phubbing, trust, job satisfaction and employee performance. *Personality and Individual Differences*, 155, 109702.
- Ross, C. E., & Reskin, B. F. (1992). Education, control at work, and job satisfaction. *Social science research*, 21(2), 134-148. [https://doi.org/10.1016/0049-089X\(92\)90012-6](https://doi.org/10.1016/0049-089X(92)90012-6)
- Ryan, R. M., & Deci, E. L. (2000). Intrinsic and extrinsic motivations: Classic definitions and new directions. *Contemporary educational psychology*, 25(1), 54-67. <https://doi.org/10.1006/ceps.1999.1020>
- Ryan, R. M., & Deci, E. L. (2000). Self-determination theory and the facilitation of intrinsic motivation, social development, and well-being. *American psychologist*, 55(1), 68.
- Saban, D., Basalamah, S., Gani, A., & Rahman, Z. (2020). Impact Of Islamic Work Ethics, Competencies, Compensation, Work Culture On Job Satisfaction And Employee Performance: The Case Of Four Star

- Hotels. *European Journal of Business and Management Research*, 5(1). <https://doi.org/10.24018/ejbmr.2020.5.1.181>
- Saner, T., & Eyüpoğlu, Ş. Z. (2013). The gender-marital status job satisfaction relationship of academics. *Procedia-Social and Behavioral Sciences*, 106, 2817-2821. <https://doi.org/10.1016/j.sbspro.2013.12.324>
- Sanuddin, F. D. P., & Widjojo, A. R. (2016). Pengaruh Kepuasan Kerja dan Motivasi Kerja Terhadap Kinerja Karyawan PT. Semen Tonasa.
- Saputra, A. T., Bagia, I. W., Yulianthini, N. N., & SE, M. (2016). Pengaruh kepuasan kerja dan loyalitas karyawan terhadap kinerja karyawan. *Jurnal Manajemen Indonesia*, 4(1).
- Singh, S. K., & Tiwari, V. (2011). Relationship between motivation and job satisfaction of the white collar employees: A case study. *Management insight*, 7(2), 31-39.
- Sobaih, A. E. E., & Hasanein, A. M. (2020). Herzberg's theory of motivation and job satisfaction: Does it work for hotel industry in developing countries?. *Journal of Human Resources in Hospitality & Tourism*, 1-25. <https://doi.org/10.1080/15332845.2020.1737768>
- Stefurak, T., Morgan, R., & Johnson, R. B. (2020). The Relationship of Public Service Motivation to Job Satisfaction and Job Performance of Emergency Medical Services Professionals. *Public Personnel Management*, 0091026020917695. <https://doi.org/10.1177%2F0091026020917695>
- Sugiyono, P. D. (2017). Metode Penelitian Bisnis: Pendekatan Kuantitatif, Kualitatif, Kombinasi, dan R&D. *Penerbit CV. Alfabeta: Bandung*.
- Syamsir, S. (2020). Competence, Job Satisfaction, Work Motivation, and Job Performance of The Village ("Nagari") Masters in Managing E-Village Finance. *International Journal of Advanced Science and Technology*, 29(8), 1337-1350.
- Tobing, D. S. K. (2009). Pengaruh komitmen organisasional dan kepuasan kerja terhadap kinerja karyawan PT. Perkebunan Nusantara III di Sumatera Utara. *Jurnal manajemen dan kewirausahaan*, 11(1), 31-37.
- Tremblay, MA, Blanchard, CM, Taylor, S., Pelletier, LG, & Villeneuve, M. (2009). Work Extrinsic and Intrinsic Motivation Scale: Its value for organizational psychology research. *Canadian Journal of Behavioral Science / Revue canadienne des sciences du behavior*, 41 (4), 213.
- Waiyaki, E. W. (2017). *Effect of Motivation on Employee Performance: A Case of Pam Golding Properties Limited, Nairobi* (Doctoral dissertation, United States International University-Africa).
- Yulianti, R. T. (2019). Work Discipline, Competence, Empowerment, Job Satisfaction, and Employee Performance. *Int. J. Recent Technol. Eng*, 8(3), 7209-7215.
- Yusrisal, Y., & Heryanto, H. (2019). The Influence of Leadership and Competence on Work Motivation and its impact on Employee Performance at the Koto Besar Sub-District Office, Dharmasraya Regency. *Archives of Business Research*, 7(7), 122-131. <https://doi.org/10.14738/abr.77.6646>