

PalArch's Journal of Archaeology of Egypt / Egyptology

The Effect of Work Discipline on the Performance of Employees in Compensation Mediation: A Case Study Indonesia

¹Woro Utari, ²Ratna Setiawati, ³Nur Fauzia, ⁴usdiyanto, ⁵Widi Hidayat,
⁶Susan Novitasari Khadijah, ⁷Dini Ayu Pramitasari, ⁸Hendra Irawan, ⁹Gazali, ¹⁰Zainurrafiqi,
¹¹Arif Syafi'ur Rochman

¹ Faculty of Economics and Business, Universitas Wijaya Putra, Jl. Raya benowo 1-3 Benowo Surabaya, East Java 60197 Indonesia

² Universitas Terbuka, Komplek Kampus C Mulyosari Surabaya, East Java 60116 Indonesia

³ Universitas Negeri Surabaya, Kampus Lidah Wetan, Jl. Lidah Wetan Surabaya, East Java 60231 Indonesia

^{4,5} Faculty of Economics and Business, Universitas Airlangga Indonesia, Jl. Airlangga No.4, Airlangga, Gubeng, Surabaya, East Java 60286 Indonesia and Faculty of Economics,

^{4,6,7,8,11} Faculty of Economics, Universitas Gresik Indonesia, Jl. Arif Rahman Hakim No.2B, Gresik, City Gresik, East Java 60111 Indonesia

⁸ PT.Rachmad Barokah Jaya SPBU 54.60104 Jl.Raya Kupang Jaya No.2A Surabaya, East Java Indonesia

^{9,10} Faculty of Economics, Universitas Madura Indonesia, Jl Raya Panglegur No.Km 3.5, Panglegur, Tlanakan, City Pamekasan, East Java 69317 Indonesia

Email: ¹woroutari@uwp.ac.id

Woro Utari, Ratna Setiawati, Nur Fauzia, Rusdiyanto, Widi Hidayat, Susan Novitasari Khadijah, Dini Ayu Pramitasari, Hendra Irawan, Gazali, Zainurrafiqi, Arif Syafi'ur Rochman: The Effect of Work Discipline on the Performance of Employees in Compensation Mediation: A Case Study Indonesia -- Palarch's Journal Of Archaeology Of Egypt/Egyptology 17(9). ISSN 1567-214x

Keywords: Work discipline, employee performance, and compensation

ABSTRACT

The purpose of this research is to analyze the effect of work discipline on employee performance through compensation received by employees. The research sample used Company employees was 80 respondents. The research information analysis method uses path analysis using the PLS-SEM application. The results of research findings explain that the influence of employee's work discipline has an influence on employee performance in the company. Employee's work discipline has an influence on compensation. Employee's work discipline has a

great influence on employee performance, conversely, employee's work discipline has an influence on the compensation received by employees.

1. Introduction

The various methods that the industry tries to make progress through human resources are able to proactively improve themselves so that they can compete with other industries. One method that the industry can try is recruiting skilled employees. Human resources who have ideas, feelings, willingness, expertise, knowledge, encouragement and the work of all human resource capabilities that have an influence on the efforts of the organization to achieve goals.

Humans are the main investment of every organization, therefore they must be managed properly. Managing human resources are very meaningful matter (Sinambela, L. P. & Sinambela, 2019; Adjorlolo & Egbenya, 2020; Ayebare et al., 2020; Jackson, Forsberg, Chansa, & Sundewall, 2020; Koon et al., 2020; Mdzana, Tiwari, Lieketseng, & Chikte, 2020; Öhman, Larsson, Kashiha, & Agardh, 2020) explained so that private or government organizations can grow and develop. Compensation is one of the main motivations for employees to work, employees use their knowledge, skills, energy, time and commitment to convince or dedicate themselves to the organization, but the goals of employees who want to be achieved are to get rewarded for the resulting performance. The compensation received did not match the expectations of the employees, so there was a subtle refusal to a loud rejection through demonstrations that the employees tried.

Sinambela, L. P. & Sinambela, (2019; Gao, Xu, Hou, & Ouyang, 2020; Ilyushin et al., 2020; Y. Li, Xiang, Chen, & Wang, 2020; Liao, Jiang, Wang, Al Qunaynah, & Yuan, 2020; Riccò, Vezzosi, & Mezzoiuso, 2020; S. Zhou et al., 2020) explained that compensation is compensation for services provided by the organization to workers distributing labor contributions and thoughts for organizational progress in achieving industrial goals. Employee work discipline can be seen as something that is useful for the benefit of the industry or for employees. Discipline means a lot for organizational development, most importantly to educate employees to comply with existing rules, procedures or policies that can create good performance. Discipline reflects a person's sense of responsibility for the tasks assigned by the industry.

Discipline must be enforced in the organization, without the support of employees' good work discipline, it is difficult for the organization to achieve its goals. (Sutrisno, 2009; Cohen & Rymer, 2020; Gong, Li, Shan, & Ouyang, 2020; Jung & Lee, 2020; Marin, Rossi, & Zen, 2020; Pun, Tjomsland, Infanti, & Darj, 2020; Uwizeye et al., 2020) explained that discipline is the behavior of a person's willingness and willingness to comply with and obey regulatory norms applicable in the industry. So that employees get compensation that matches their expectations and the work discipline that the industry has inaugurated by all employees can certainly produce good performance. Performance within the organization is tried by all human resources, both managers and employees, work locations that share comfort can encourage employee performance to realize industrial goals. Wibowo, (2013; Alwy Al-

beity et al., 2020; Hu et al., 2020; Konda et al., 2020; Kuruneru, Vafai, Sauret, & Gu, 2020; Makinde et al., 2020; X. Wu et al., 2020) explained that performance as a method of proving individual or team workers is focused on efficient performance to share attention on measurement and evaluation objective.

Company is an industry engaged in fish processing in the city of Surabaya, an industry that serves fish delivery to various big cities such as Jakarta, Bali, Surabaya and its surroundings. Company has many employees totaling 100 people for the creation process from start to finish through some processing units. gradual and continuous. Industry needs to divide into special units so that the quality of the finished product is of good quality. Company employees experience problems faced by the company related to providing compensation. Company employees are dissatisfied with the salary that has been applied by the company in addition to employee salaries as well as questioning compensation related to insurance and the application of low salaries causing many employees to strike with the application of low salaries and insurance that employees do not get can have an impact on employee performance not good.

So that the company experiences losses due to employees not meeting company expectations by providing salaries and insurance provided to employees because the company's condition is experiencing financial problems due to the impact of Covid 19 experienced by the company. Companies have reasons for applying low salaries and not providing insurance to employees, compensation is also a problem caused by work discipline at the company, employees are dexterous and there are also employees who lack awareness and obey the rules or regulations in the company where there are still many employees who arrives late after 08.00 WIB and stops working before 16.00 WIB which has been determined by the company on the grounds that the work has been completed. The advantages of company are guaranteed product quality, products according to consumer orders, timely delivery, provision of raw materials according to consumer demand, payments can be paid in installments according to predetermined agreements.

2. Literature review

Hasibuan, (2016) explained that the work discipline indicator is the basic indicator that affects the level of employee's discipline in an organization, among others:

2.1 Goals & abilities, role models, remuneration, justice

Goals and abilities also influence the employee's level of discipline. The goals to be achieved must be clear and perfectly formalized and quite challenging for the expertise of employees, this is if the work objectives assigned to employees must match the expertise of the employees concerned so that they can work seriously and be disciplined in doing them, if the work is beyond their ability or far below his ability to the employee's intensity and discipline becomes low (Chrysafiadi, Troussas, & Virvou, 2020; Contino et al., 2020; Hochrainer-

Stigler, Finn, Velev, Keating, & Mechler, 2020; McGarvey et al., 2020; Roonthe et al., 2020; Taktek & Thakker, 2020; X. Xu et al., 2020).

Leadership role models are very functional in ensuring employee discipline because leaders are used as role models and role models by their subordinates. Remuneration also affects employee discipline because remuneration provides satisfaction and love of employees to the industry or their work, if the employee's love continues to be good until their discipline becomes good. (Coleman & Reames, 2020; Curtis, 2020; Ghorbani, Nascimento, & Filatova, 2020; Meehan, Suresh, Combs, & Jeevanandam, 2020; Voegtlin, Frisch, Walther, & Schwab, 2020; von Fircks, 2020)

Justice also supports the realization of employee discipline because human nature always feels that it means itself and asks to be treated the same as other humans: 1. Supervision is a real action and is very efficient in realizing employee's discipline in the industry, 2. Legal sanctions function to maintain employee discipline with severe penalties for employees to worry about violating industry regulations, employee's disciplinary behavior and attitudes decrease. 3. Ketegasan serta gagasan pimpinan dalam melaksanakan kebijakan mempengaruhi kedisiplinan karyawan industri pimpinan wajib berani serta tegas berperan untuk menghukum tiap karyawan yang indisipliner cocok dengan sanksi hukuman yang sudah diresmikan. 4. Ikatan kemanusiaan yang harmonis di antara sesama karyawan turut menghasilkan kedisiplinan yang baik pada sesuatu industri (Frėjutė-Rakauskienė, 2018; Letsas, 2018; D. Li, Hruska, Talinbayi, & Li, 2018; Marcinkevičius, 2018; Natelson, 2018; Vedašchi, 2018).

Wibowo, (2013; Ma et al., 2019; Michael, Whitelaw, & Van Spall, 2019; Popov & Lu, 2019; Pradipto & Afif, 2019; Tokbolat, Nazipov, Kim, & Karaca, 2019; Xu, Sheng, Zhang, Wang, & Xing, 2019) explained that performance indicators are used for activities that are formalized more qualitatively on the basis of attitudes that can be seen as performance markers from a prospective point of view there are 7 performance markers as follows: 1). Goals are different conditions that a person or organization is actively involved in. A goal is something in a better condition to be achieved in the future. 2). Standards have meaning because they tell when a goal can be completed, a standard is a dimension of whether the desired goal can be achieved, without a standard it cannot be known when a goal is achieved. 3). standards and feedback informs progress in either quality or quantity toward achieving the objectives defined by the standard. 4). Equipment or facilities are resources that can be used to help complete goals by accessing equipment or facilities, which are supporting aspects for achieving goals. 5). Competence is a requirement in performance, competence is the skill possessed by a person to carry out the work given to him properly. 6). The motive is the impetus for someone to carry out something, the manager facilitates motivation to employees, with financial incentives providing recognition to set goals to achieve standards, feedback to provide freedom to carry out work that has been listed when doing work to obtain work performance, there are 2 aspects that encourage opportunity for

achievement is the availability of time and expertise to meet company requirements.

Veithzal, 2008; rilaksono, 2014; Harwati & Permana, 2017; Rajora et al., 2017; Shen, Hsiao, Ma, & Rosen, 2017; Stallard, Rejc, & Conn Welch, 2017; Wang et al., 2017) explained that the compensation indicators include income, wages, incentives and indirect compensation (fringe benefits) which include facilities such as insurance, allowances, pensions: 1). Income is a financial reward received by employees as a consequence of their role as an employee who contributes energy and thoughts in achieving industrial goals. 2). Wages are direct financial rewards paid to employees based on working hours, the number of goods produced or the number of services provided. 3). Incentives are direct rewards paid to employees because their performance exceeds the set standards. 4). Indirect compensation (fringe benefit). Fringe benefit is a bonus compensation given based on industry policy for all employees in an effort to improve the welfare of employees, for example in the form of pension benefit insurance and others.

2.1.1 Conceptual Framework

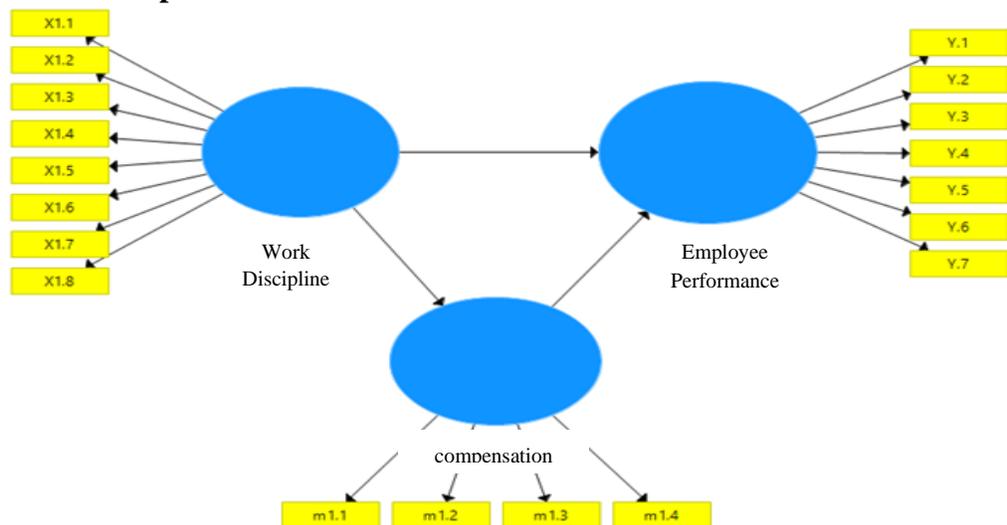


Figure 1.1 Conceptual Framework

2.1.2 Research Hypothesis

Based on the formulation of the problem, the research objectives and the conceptual framework that have been formulated to the following hypothesis:

1. H1 : Work discipline has a positive effect on the Employee's Performance at company
2. H2 : Work discipline has a positive effect on employees' compensation at company
3. H3 : Compensation has a positive effect on the Employee's Performance at company
4. H4 : Compensation mediates the relationship between work discipline and employee's performance

3. Research Methods

3.1 Type of Research, Population and Sample, Sampling Technique

The type of research used is causal research, research that uses a quantitative approach using statistics to respond to problems or research hypotheses that are specific in nature to carry out predictions if a certain variable affects other variables (Sugiyono, 2017; Juanamasta et al., 2019; Prabowo, Rochmatulaili, Rusdiyanto, & Sulistyowati, 2020; Rusdiyanto, Agustia, Soetedjo, & Septiarini, 2020; Rusdiyanto, Hidayat, et al., 2020). The research population of all employees at company, on the other hand, the sample in the study used 80 male and female employees. This research sampling method uses non-probability sampling. The sampling method used was purposive sampling where the sampling was based on the criteria described by the researcher for the sample (Sugiyono, 2017; Chen, Mei, & Zhang, 2020; Gondo & Kolawole, 2020; He et al., 2020; Jones et al., 2020; Ni, Niu, Chung-Lim Chiang, & Jiang, 2020; Zulfikar et al., 2020).

3.2 Operational Definition of Variables

The operational definition in this research consists of three work discipline variables, compensation variables and employee performance variables.

3.2.1 Work Discipline (X1)

- x1.1: Goals and abilities
- x1.2: Leadership role models
- x1.3: Remuneration
- x1.4: Justice
- x1.5: Inherent supervision
- x1.6: Legal sanctions
- x1.7: Firmness
- x1.8: Human Relations

3.2.2 Employee's Performance (Y)

- y1.1: Goal
- y1.2: Standard
- y1.3: Feedback
- y1.4: Tool or Means
- y1.5: Competence
- y1.6: Motive

3.2.3 Compensation (M)

- m1.1: Salary
- m1.2: Wage
- m1.3: Incentive
- m1.4: Indirect Compensation

3.3 Data Analysis Techniques

The research used PLS-SEM analysis with the following stages: 1). A reliability assessment session was conducted which was divided into two sessions, namely an assessment of markers of reliability and an assessment of internal consistency reliability. 2). Conducting an assessment of the validity of information using convergent validity and discriminant validity. 3). Carry out a bootstrapping test to obtain a statistical value and a P value. 4). Testing of indirect influence mediation.

4. Analysis And Discussion

4.1 Initial Outer Model

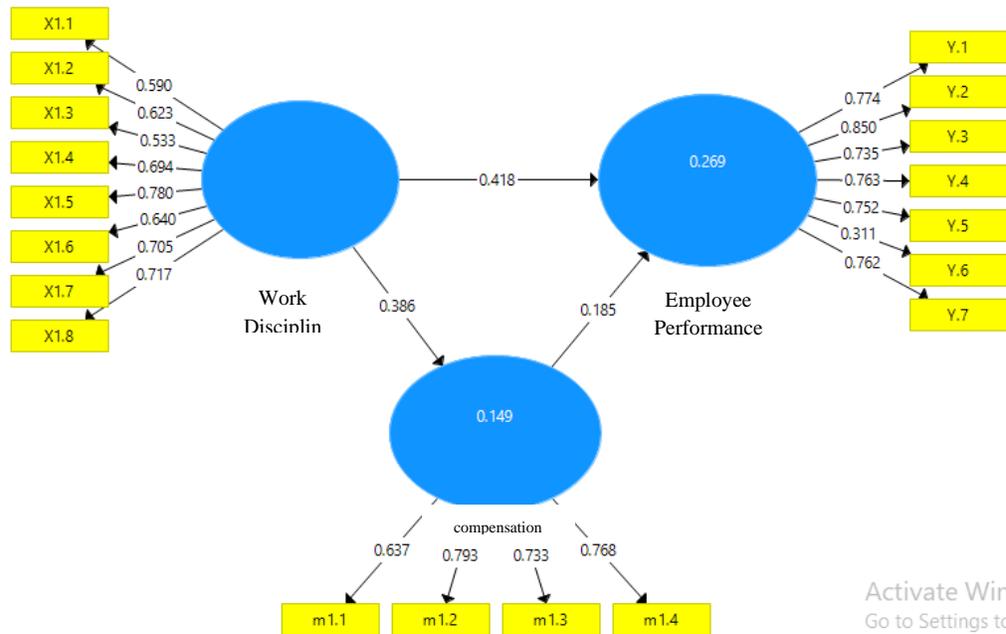


Figure 1: Initial Outer Model

Table Error! No text of specified style in document.-1: Test of Convergent Validity

Variable	AVE	Information
Work Discipline	0,441	Not Valid
Employee’s performance	0,527	Valid
Compensation	0,540	Valid

Based on the test table above the AVE value for work discipline, the value is below the standard for the feasibility of testing the fit model, which must be above 0.5, while in the first stage of the initial test the outer value is 0.441. Therefore, it is necessary to remove the indicators that are not valid against the variables until the model becomes fit (Goodness of Fit).(Akomolafe, Fadiji, & Gayawan, 2020; Fazzi & Groves, 2020; Hadjicosta & Richards, 2020; Kim, 2020; Menchetti, Padalino, Brasileiro Fernandes, & Nanni Costa, 2020; Song, Shi, & Yi, 2020; J. Zhou, Wu, & Gong, 2020).

4.2 Retesting to the fit model obtained:

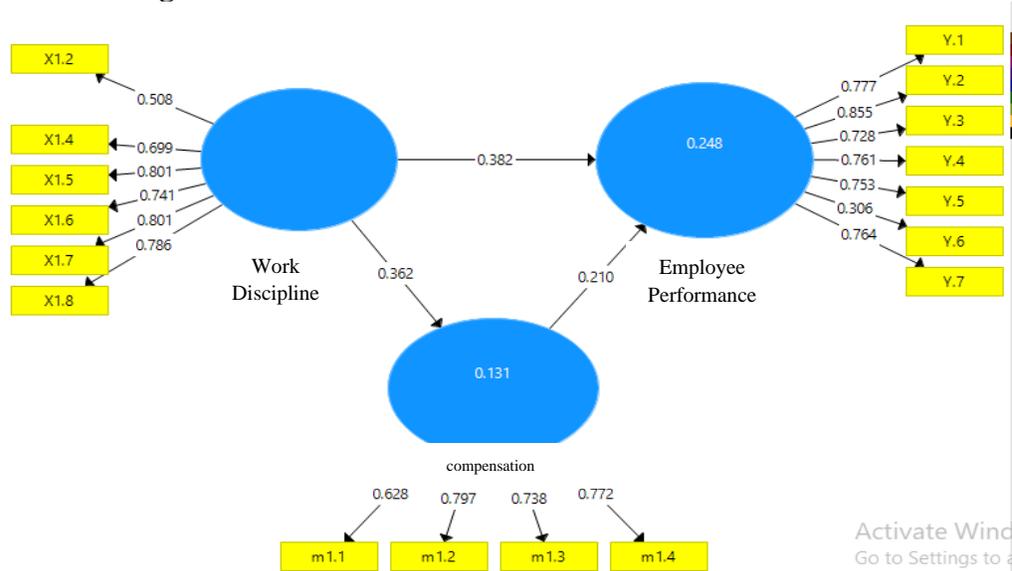


Figure 2: Model Fit

Table Error! No text of specified style in document.-2: Test of Second Convergent Validity

Variable	AVE	Information
Work Discipline	0,533	Valid
Employee’s performance	0,527	Valid
Compensation	0,543	Valid

In the second convergent validity test, the AVE value for each variable has met the requirements above 0.5, whereas if we look at the Figure above, two indicators are omitted, namely X 1.1 (objectives and abilities) and 1.3 (Service Response).).

Table Error! No text of specified style in document.-3: Test of Reliable Internal Consistency

Variable	Composite Reliability	Information
Work Discipline	0,870	Reliable
Employee’s performance	0,881	Reliable
Compensation	0,825	Reliable

The table above shows the totality of the latent variables in the research having a composite reliability value above 0.6, so it can be concluded that the totality of the variables has a high level of internal consistency reliability. After the model is fit, then carrying out testing by bootstrapping produces the following model:

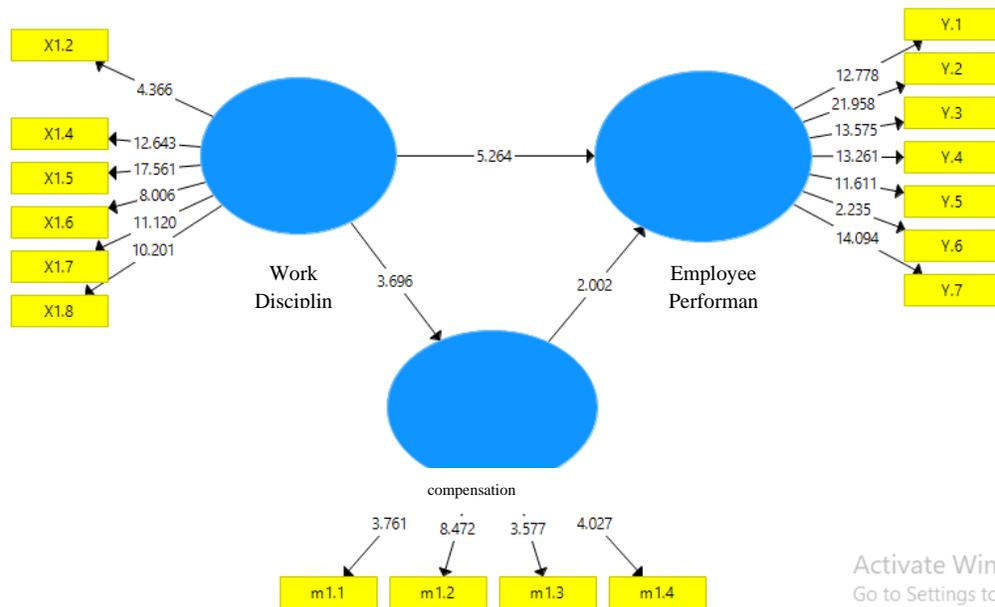


Figure 3: Model Bootstrapping

From the bootstrapping model above, the T-statistic value and Hypothesis Test are used to draw conclusions. The T-table value with a significance level of 5% for 80 respondents explains that the inner model is significant if the T-Statistic value is greater than the T-Table of 1,664.

Table Error! No text of specified style in document.-4: t-Statistics

	Original Sample	Sample Mean	Standard Error	T-Statistic	PValue
Work Discipline -> Employee's Performance	0.382	0.400	0.073	5.264	0.000
Work Discipline -> Compensation	0.362	0.390	0.098	3.696	0.000
Compensation -> Employee' Performance	0.210	0.216	0.105	2.002	0.046

In the table above it can be meant that the original sample value is a coefficient value that displays the influence strength of one latent variable on another latent variable, whereas the value in the sample column mean (m) displays the middle value of the path coefficient, otherwise the standard deviation (stdev) and standard error (stderr) displays the value of deviations and errors in the sample mean T-statistic to see the T-value to be used for hypothesis testing.

T- Statistics on the effect of work discipline on employee's performance show a number 5,264 greater than T- Table 1,664 with a probability value of 0, 000 which is smaller than 5%, meaning that work discipline has a significant positive effect on employee's performance. T- Statistics on the effect of work discipline on compensation show a number 3,696 greater than T- Table 1,664

with a probability value of 0,000 that is smaller than 5%, meaning that work discipline has a significant positive effect on compensation. T- Statistics on the effect of compensation on employee's performance shows the number 2,002 is greater than T- Table 1,664 with a probability value of 0.046 which is smaller than 5%, meaning that compensation has a significant positive effect on employee's performance.

4.3 Evaluasi Pengaruh Tidak Langsung

Smart PLS includes the results of calculating the indirect effect which is useful in analyzing the strength of the relationship between the mediator variable and other variables. Mediation is established when a variable affects the relationship between the independent variable and the dependent variable. Changes in the based variables lead to changes in the mediator variable and the conclusion also causes changes in the dependent variable. In this paper, the authors use a simple mediation model because there is one mediator variable. In order to analyze this simple mediation model, the author adopts the flow created by (Zhao, Lynch Jr, & Chen, 2010; Curll & Brown, 2020; Erebak & Turgut, 2020; Kelcey, Bai, & Xie, 2020; Ramoz et al., 2020; Toka, Recse, Cserep, & Szabo, 2020) The picture above is a simple mediator model. The mediation effect analysis uses the following values: c is the direct impact, the multiplication of axb equals the indirect impact, $c + (axb)$ is the total effect.

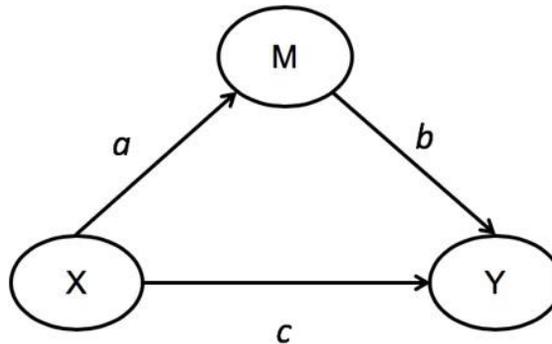


Figure 4: Simple Mediation Model

Zhao, Lynch Jr, & Chen, (2010; Kang, Shin, & Lee, 2020; McCallaghan, Jackson, & Heyns, 2020; Mühlhauser, Vogt, & Niederer, 2020; Spagnoli et al., 2020; Wu, Huang, Hsu, & Hong, 2020; Yuan, Fu, Han, Chen, & Fang, 2020) explained that the impact of mediation is divided into 5 groups, namely: 1) Complementary (partial mediation) if axb is significant, c is significant, and $axbxc$ is significant. 2) Competitive (partial mediation) if axb is significant, c is significant, but $axbxc$ is not significant. 3) Indirect-only (full mediation) if axb is significant, but c is not significant. 4) Direct-only (mediation number) if axb is not significant, but c is significant, 5) effect number (mediation number) is if axb is not significant and c is not significant.

Table 0 5: Evaluation of Indirect Effects

Axb notation	Indirect Effect (Tstatistic axb)	Direct Effect (value c)	Mediation effect status
(X -> M)	7,3993	(X -> Y)	Complementary
(M -> Y)	(3,696)(2,002)	5,264	(Partial Mediation)
	(Significant)	(Significant)	

Based on the indirect effect evaluation table, the indirect effect through the compensation mediation variable has a T-statistic value greater than 7,399 than the value of the direct effect of work discipline on employee performance, which is 5,264. This is convincing that compensation can increase employee performance as a result that the positive is bigger.

5. Conclusion

Based on the results of the analysis, it explains that the influence of employee's work discipline has an influence on employee's performance, which means that employee's discipline at work can improve employee's performance at the company. Employee's work discipline has an influence on compensation, meaning that employee discipline in the company can increase the compensation that employees receive from the company. Meanwhile, compensation has an influence on the employee's performance. While the indirect effect of compensation if it is included to improve employee's performance has a very large effect on improving performance in the company.

References

- Adjorlolo, S., & Egbenya, D. L. (2020). A twin disaster: Addressing the COVID-19 pandemic and a cerebrospinal meningitis outbreak simultaneously in a low-resource country. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2020.1795963>
- Akomolafe, A. A., Fadiji, F. A., & Gayawan, E. (2020). Evaluation of geographical variation in live-birth registrations using Bayesian method. *Communications in Statistics - Theory and Methods*, 49(24), 5883–5896. <https://doi.org/10.1080/03610926.2019.1625921>
- Alwy Al-beity, F., Pembe, A. B., Kwezi, H. A., Massawe, S. N., Hanson, C., & Baker, U. (2020). “We do what we can do to save a woman” health workers’ perceptions of health facility readiness for management of postpartum haemorrhage. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2019.1707403>
- Ayebare, E., Jonas, W., Ndeezi, G., Nankunda, J., Hanson, C., Tumwine, J. K., & Hjelmstedt, A. (2020). Fetal heart rate monitoring practices at a public hospital in Northern Uganda—what health workers document, do and say. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2020.1711618>
- Chen, S., Mei, Y., & Zhang, Z. (2020). Perceived Social Support in Stroke Survivors and Their Caregivers during Rehabilitation in the Community: a Qualitative Study [社区脑卒中患者及其照顾者在康复过程中感知社会支持的质性研究]. *Chinese General Practice*, 23(35), 4503–4507. <https://doi.org/10.12114/j.issn.1007-9572.2020.00.106>

- Chrysafiadi, K., Troussas, C., & Virvou, M. (2020). Combination of fuzzy and cognitive theories for adaptive e-assessment. *Expert Systems with Applications*, 161. <https://doi.org/10.1016/j.eswa.2020.113614>
- Cohen, I. J., & Rymer, A. M. (2020). Cross-NASA divisional relevance of an Ice Giant mission: Ice Giant cross-NASA science relevance. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 378(2187). <https://doi.org/10.1098/rsta.2020.0222>
- Coleman, L. B., & Reames, E. (2020). The Role of the Educational Leadership Program Coordinator (PC) in University–K-12 School District Partnership Development. *Journal of Research on Leadership Education*, 15(4), 241–260. <https://doi.org/10.1177/1942775118803335>
- Contino, M., Guglielmo, S., Riganti, C., Antonello, G., Perrone, M. G., Giampietro, R., ... Colabufo, N. A. (2020). One molecule two goals: A selective P-glycoprotein modulator increases drug transport across gastro-intestinal barrier and recovers doxorubicin toxicity in multidrug resistant cancer cells. *European Journal of Medicinal Chemistry*, 208. <https://doi.org/10.1016/j.ejmech.2020.112843>
- Curll, S. L., & Brown, P. M. (2020). Weight stigma and psychological distress: A moderated mediation model of social identification and internalised bias. *Body Image*, 35, 207–216. <https://doi.org/10.1016/j.bodyim.2020.09.006>
- Curtis, G. J. (2020). Follower-rated leadership styles, leader behaviours, and leaders' thinking styles: A test of the cognitive experiential leadership model. *Australian Journal of Psychology*, 72(4), 318–327. <https://doi.org/10.1111/ajpy.12291>
- Erebak, S., & Turgut, T. (2020). The mediator role of robot anxiety on the relationship between social anxiety and the attitude toward interaction with robots. *AI and Society*, 35(4), 1047–1053. <https://doi.org/10.1007/s00146-019-00933-8>
- Fazzi, L., & Groves, R. M. (2020). Demodulation of a tilted fibre Bragg grating transmission signal using α -shape modified Delaunay triangulation. *Measurement: Journal of the International Measurement Confederation*, 166. <https://doi.org/10.1016/j.measurement.2020.108197>
- Frèjutė-Rakauskienė, M. (2018). Aspects of social justice in the civic participation of russian ethnic group in lithuania [Socialinio teisingumo aspektai rusų etninės grupės pilietinėje veikloje lietuvoje 1]. *Filosofija, Sociologija*, 29(4), 239–245. <https://doi.org/10.6001/fil-soc.v29i4.3850>
- Gao, X., Xu, W., Hou, Y., & Ouyang, Z. (2020). Market-based instruments for ecosystem services: framework and case study in Lishui City, China. *Ecosystem Health and Sustainability*, 6(1). <https://doi.org/10.1080/20964129.2020.1835445>
- Ghorbani, A., Nascimento, L., & Filatova, T. (2020). Growing community energy initiatives from the bottom up: Simulating the role of behavioural attitudes and leadership in the Netherlands. *Energy Research and Social Science*, 70. <https://doi.org/10.1016/j.erss.2020.101782>
- Gondo, R., & Kolawole, O. D. (2020). Institutional factors engendering dissonance between customary and statutory institutions in water access in the Okavango Delta, Botswana. *Sustainable Water Resources Management*, 6(6). <https://doi.org/10.1007/s40899-020-00458-9>
- Gong, N., Li, P., Shan, J., & Ouyang, Y. (2020). Data-driven identification and modeling of earthquake-excited building structures regarding soil-structure interaction. *Structural Design of Tall and Special Buildings*, 29(18). <https://doi.org/10.1002/tal.1808>

- Hadjicosta, E., & Richards, D. (2020). Integral transform methods in goodness-of-fit testing, II: the Wishart distributions. *Annals of the Institute of Statistical Mathematics*, 72(6), 1317–1370. <https://doi.org/10.1007/s10463-019-00737-z>
- Harwati, & Permana, Y. (2017). Islamic value to the modification of BSC model (a case study in evaluating company performance). In *IOP Conference Series: Materials Science and Engineering* (Vol. 277). <https://doi.org/10.1088/1757-899X/277/1/012004>
- Hasibuan, M. S. P. (2016). *Human Resource Management*. Jakarta: PT Bumi Aksara.
- He, G., Zheng, S., Wen, X., Wang, Y., Sun, Z., & Lu, W. (2020). Implementation Effectiveness of the National Essential Public Health Services: a Qualitative Interview Study Using Grounded Theory [基于扎根理论的基本公共卫生服务实施效果质性研究]. *Chinese General Practice*, 23(34), 4309–4314. <https://doi.org/10.12114/j.issn.1007-9572.2020.00.578>
- Hochrainer-Stigler, S., Finn, L., Velez, S., Keating, A., & Mechler, R. (2020). Standardized disaster and climate resilience grading: A global scale empirical analysis of community flood resilience. *Journal of Environmental Management*, 276. <https://doi.org/10.1016/j.jenvman.2020.111332>
- Hu, X., Wang, H., Ying, Y., Wang, M., Zhang, C., Ding, Y., ... Zang, Z. (2020). Methylammonium chloride as an interface modifier for planar-structure perovskite solar cells with a high open circuit voltage of 1.19V. *Journal of Power Sources*, 480. <https://doi.org/10.1016/j.jpowsour.2020.229073>
- Ilyushin, A. S., Tereshina, I. S., Pankratov, N. Y., Aleroeva, T. A., Umhaeva, Z. S., Karpenkov, A. Y., ... Tereshina-Chitrova, E. A. (2020). The phenomenon of magnetic compensation in the multi-component compounds (Tb,Y,Sm)Fe \times 2 and their hydrides. *Journal of Alloys and Compounds*, 847. <https://doi.org/10.1016/j.jallcom.2020.155976>
- Jackson, A., Forsberg, B., Chansa, C., & Sundewall, J. (2020). Responding to aid volatility: government spending on district health care in Zambia 2006–2017. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2020.1724672>
- Jones, R. M., Vesel, L., Kimenju, G., Ogolla, T., Munson, M., Little, S., ... Pearson, N. (2020). Implementation of the INTERGROWTH-21st gestational dating and fetal and newborn growth standards in Nairobi, Kenya: women's experiences with ultrasound and newborn assessment: Women's experiences with ultrasound and newborn assessment in peri-urban Kenya. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2020.1770967>
- Juanamasta, I. G., Wati, N. M. N., Hendrawati, E., Wahyuni, W., Pramudianti, M., Wisnujati, N. S., ... Umanailo, M. C. B. (2019). The role of customer service through customer relationship management (Crm) to increase customer loyalty and good image. *International Journal of Scientific and Technology Research*, 8(10), 2004–2007.
- Jung, H., & Lee, B. G. (2020). Research trends in text mining: Semantic network and main path analysis of selected journals. *Expert Systems with Applications*, 162. <https://doi.org/10.1016/j.eswa.2020.113851>
- Kang, H. J., Shin, J., & Lee, E. H. (2020). Relationship of Workplace Violence to Turnover Intention in Hospital Nurses: Resilience as a Mediator. *Journal of Korean Academy of Nursing*, 50(5), 728–736. <https://doi.org/10.4040/jkan.20147>
- Kelcey, B., Bai, F., & Xie, Y. (2020). Statistical power in partially nested designs probing multilevel mediation. *Psychotherapy Research*, 30(8), 1061–1074. <https://doi.org/10.1080/10503307.2020.1717012>

- Kim, J. (2020). Implementation of a goodness-of-fit test through Khmaladze martingale transformation. *Computational Statistics*, 35(4), 1993–2017. <https://doi.org/10.1007/s00180-020-00971-7>
- Konda, K., Moodakare, S. B., Kumar, P. L., Battabyal, M., Seth, J. R., Juvekar, V. A., & Gopalan, R. (2020). Comprehensive effort on electrode slurry preparation for better electrochemical performance of LiFePO₄ battery. *Journal of Power Sources*, 480. <https://doi.org/10.1016/j.jpowsour.2020.228837>
- Koon, A. D., Hoover, J., Sonthalia, S., Rosser, E., Gore, A., & Rao, K. D. (2020). In-service nurse mentoring in 2020, the year of the nurse and the midwife: learning from Bihar, India. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2020.1823101>
- Kuruneru, S. T. W., Vafai, K., Sauret, E., & Gu, Y. (2020). Application of porous metal foam heat exchangers and the implications of particulate fouling for energy-intensive industries. *Chemical Engineering Science*, 228. <https://doi.org/10.1016/j.ces.2020.115968>
- Letsas, G. (2018). Law and polity: Some philosophical preliminaries. *International Journal of Constitutional Law*, 16(4), 1242–1250. <https://doi.org/10.1093/icon/moy094>
- Li, D., Hruska, T., Talinbayi, S., & Li, W. (2018). Changing agro-pastoral livelihoods under collective and private land use in Xinjiang, China. *Sustainability (Switzerland)*, 11(1). <https://doi.org/10.3390/su11010166>
- Li, Y., Xiang, Z., Chen, K., & Wang, X. (2020). An improved spatial subsidy approach for ecological compensation in coastal seascapes for resilient land-sea management. *Journal of Environmental Management*, 276. <https://doi.org/10.1016/j.jenvman.2020.111305>
- Liao, Y., Jiang, G., Wang, K., Al Qunaynah, S., & Yuan, W. (2020). Effect of steel slag on the hydration and strength development of calcium sulfoaluminate cement. *Construction and Building Materials*, 265. <https://doi.org/10.1016/j.conbuildmat.2020.120301>
- Ma, J., Xu, L., Ni, C., Zhang, G., Guo, L., & Cheng, J. (2019). Effect of Lactic Acid Bacteria on the Quality of Niandoubao from Waxy Corn [乳酸菌对糯玉米黏豆包品质的影响]. *Journal of Chinese Institute of Food Science and Technology*, 19(12), 155–163. <https://doi.org/10.16429/j.1009-7848.2019.12.020>
- Makinde, O. A., Odimegwu, C. O., Udoh, M. O., Adedini, S. A., Akinyemi, J. O., Atobatele, A., ... Orobaton, N. (2020). Death registration in Nigeria: a systematic literature review of its performance and challenges. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2020.1811476>
- Marcinkevičius, A. (2018). Constructing historical justice discourse in lithuanian and russian press in lithuania: The case of holocaust [Holokaustas kaip istorinio teisingumo diskurso konstravimo aspektas lietuovos spaudoje lietuvių ir rusų kalbomis]. *Filosofija, Sociologija*, 29(4), 246–252. <https://doi.org/10.6001/fil-soc.v29i4.3851>
- Marin, A., Rossi, S., & Zen, C. (2020). Size-based scheduling for TCP flows: Implementation and performance evaluation. *Computer Networks*, 183. <https://doi.org/10.1016/j.comnet.2020.107574>
- McCallaghan, S., Jackson, L. T. B., & Heyns, M. M. (2020). Servant leadership, diversity climate, and organisational citizenship behaviour at a selection of

- South African companies. *Journal of Psychology in Africa*, 30(5), 379–383. <https://doi.org/10.1080/14330237.2020.1821310>
- McGarvey, P., Huang, J., McCoy, M., Orvis, J., Katsir, Y., Lotringer, N., ... Madhavan, S. (2020). De novo assembly and annotation of transcriptomes from two cultivars of *Cannabis sativa* with different cannabinoid profiles. *Gene*, 762. <https://doi.org/10.1016/j.gene.2020.145026>
- Mduzana, L., Tiwari, R., Lieketseng, N., & Chikte, U. (2020). Exploring national human resource profile and trends of Prosthetists/Orthotists in South Africa from 2002 to 2018. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2020.1792192>
- Meehan, K. A., Suresh, A., Combs, P. S., & Jeevanandam, V. (2020). An International Study on Ventricular Assist Device Program Models. *Progress in Transplantation*, 30(4), 355–359. <https://doi.org/10.1177/1526924820958126>
- Menchetti, L., Padalino, B., Brasileiro Fernandes, F., & Nanni Costa, L. (2020). Comparison of nonlinear growth models and factors affecting body weight at different ages in Toy Poodles. *Italian Journal of Animal Science*, 19(1), 792–802. <https://doi.org/10.1080/1828051X.2020.1799724>
- Michael, F., Whitelaw, S., & Van Spall, H. G. C. (2019). Transitional care quality indicators to assess quality of care following hospitalisation for chronic obstructive pulmonary disease and heart failure: A systematic review protocol. *BMJ Open*, 9(12). <https://doi.org/10.1136/bmjopen-2019-032764>
- Mühlhauser, Y., Vogt, L., & Niederer, D. (2020). How and how fast does pain lead to disability? A multilevel mediation analysis on structural, temporal and biopsychosocial pathways in patients with chronic nonspecific low back pain. *Musculoskeletal Science and Practice*, 49. <https://doi.org/10.1016/j.msksp.2020.102199>
- Natelson, R. G. (2018). Constitutional coup? the case that promulgated a new constitution for Montana. *British Journal of American Legal Studies*, 7(2), 317–364. <https://doi.org/10.2478/bjals-2018-0013>
- Ni, C., Niu, Y., Chung-Lim Chiang, V., & Jiang, X. (2020). Resilience of adult survivors five years after the Wenchuan earthquake: A qualitative study. *International Journal of Disaster Risk Reduction*, 51. <https://doi.org/10.1016/j.ijdrr.2020.101897>
- Öhman, J., Larsson, M., Kashiha, J., & Agardh, A. (2020). ‘Fighting an uphill battle’: a qualitative study of the challenges encountered by pharmacy workers when providing services to men who have sex with men in Dar es Salaam, Tanzania. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2020.1770985>
- Popov, M. G., & Lu, Z. (2019). Adaptive emergency control system with an algorithm for rapid assessment of sustainability united energy system. In *Journal of Physics: Conference Series* (Vol. 1419). <https://doi.org/10.1088/1742-6596/1419/1/012025>
- Prabowo, B., Rochmatulaili, E., Rusdiyanto, & Sulistyowati, E. (2020). Corporate governance and its impact in company's stock price: case study [Gobernabilidad corporativa y su impacto en el precio de las acciones de las empresas: Estudio de caso]. *Utopia y Praxis Latinoamericana*, 25(Extra10), 187–196. <https://doi.org/10.5281/zenodo.4155459>
- Pradipto, E., & Afif, N. (2019). Increasing eco-performance of concrete blocks through computational design form optimization. *Journal of Design and Built Environment*, 19(3), 1–12. Retrieved from <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077856663&partnerID=40&md5=e0cc722b7fd07899bd95fe3c509f1485>

- Pun, K. D., Tjomsland, T. R., Infanti, J. J., & Darj, E. (2020). 'Violence exists to show manhood': Nepali men's views on domestic violence—a qualitative study. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2020.1788260>
- Rajora, M., Zou, P., Xu, W., Jin, L., Chen, W., & Liang, S. Y. (2017). Prediction and Optimization of Key Performance Indicators in the Production of Stator Core Using a GA-NN Approach. In *IOP Conference Series: Materials Science and Engineering* (Vol. 272). <https://doi.org/10.1088/1757-899X/272/1/012011>
- Ramoz, N., Hoertel, N., Nobile, B., Voegeli, G., Nasr, A., Le Strat, Y., ... Gorwood, P. (2020). Corticotropin releasing hormone receptor CRHR1 gene is associated with tianeptine antidepressant response in a large sample of outpatients from real-life settings. *Translational Psychiatry*, 10(1). <https://doi.org/10.1038/s41398-020-01067-y>
- Riccò, M., Vezzosi, L., & Mezzoiuso, A. G. (2020). Occupational Eye Injuries in the agricultural settings: a retrospective study from North-Eastern Italy. *Acta Bio-Medica : Atenei Parmensis*, 90(4), 457–467. <https://doi.org/10.23750/abm.v90i4.7602>
- Roondhe, B., Sharma, V., Kagdada, H. L., Singh, D. K., Saha Dasgupta, T., & Ahuja, R. (2020). Enhancing the electronic and phonon transport properties of two-dimensional hexagonal boron nitride through oxygenation: A first principles study. *Applied Surface Science*, 533. <https://doi.org/10.1016/j.apsusc.2020.147513>
- Rusdiyanto, Agustia, D., Soetedjo, S., & Septiarini, D. F. (2020). The effect of cash turnover and receivable turnover on profitability [El efecto de la rotación de efectivo y la rotación de cuentas por cobrar en la rentabilidad]. *Opcion*, 36(Special Edition 26), 1417–1432. Retrieved from <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084257220&partnerID=40&md5=8438813317afcd00301bf008d845eea4>
- Rusdiyanto, Hidayat, W., Tjaraka, H., Septiarini, D. F., Fayanni, Y., Utari, W., ... Imanawati, Z. (2020). The effect of earning per share, debt to equity ratio and return on assets on stock prices: Case study Indonesian. *Academy of Entrepreneurship Journal*, 26(2).
- Shen, Y., Hsiao, B. P.-Y., Ma, J., & Rosen, J. (2017). Upper limb redundancy resolution under gravitational loading conditions: Arm postural stability index based on dynamic manipulability analysis. In *IEEE-RAS International Conference on Humanoid Robots* (pp. 332–338). <https://doi.org/10.1109/HUMANOIDS.2017.8246894>
- Sinambela, L. P. & Sinambela, S. (2019). *Manajemen Kinerja Pengelolaan, Pengukuran dan Implikasi Kinerja*. Depok: PT. RajaGrafindo Persada.
- Song, K., Shi, J., & Yi, X. (2020). A time-discrete and zero-adjusted gamma process model with application to degradation analysis. *Physica A: Statistical Mechanics and Its Applications*, 560. <https://doi.org/10.1016/j.physa.2020.125180>
- Spagnoli, P., Haynes, N. J., Kovalchuk, L. S., Clark, M. A., Buono, C., & Balducci, C. (2020). Workload, workaholism, and job performance: uncovering their complex relationship. *International Journal of Environmental Research and Public Health*, 17(18), 1–20. <https://doi.org/10.3390/ijerph17186536>
- Stallard, R., Rejc, E., & Conn Welch, K. (2017). Wavelet-derived features as indicators of physiological changes induced by bed rest. *Expert Systems with Applications*, 90, 232–240. <https://doi.org/10.1016/j.eswa.2017.08.024>
- Sugiyono. (2017). *Statistika Untuk Penelitian*. Bandung: Alfabeta.

- Sutrisno, E. (2009). *Bejo, Siswanto (Pertama)*. Jakarta: Kencana Prenada Media Group.
- Taktek, E., & Thakker, D. (2020). Pentagonal scheme for dynamic XML prefix labelling. *Knowledge-Based Systems*, 209. <https://doi.org/10.1016/j.knosys.2020.106446>
- Toka, L., Recse, A., Cserep, M., & Szabo, R. (2020). On the mediation price war of 5G providers. *Electronics (Switzerland)*, 9(11), 1–20. <https://doi.org/10.3390/electronics9111901>
- Tokbolat, S., Nazipov, F., Kim, J. R., & Karaca, F. (2019). Evaluation of the environmental performance of residential building envelope components. *Energies*, 13(1). <https://doi.org/10.3390/en13010174>
- Trilaksono, Y. A. (2014). Pengaruh Kompensasi Terhadap Kinerja Karyawan Pabrik Gula Rejo Agung Madiun.
- Uwizeye, D., Karimi, F., Otukpa, E., Ngware, M. W., Wao, H., Igumbor, J. O., & Fonn, S. (2020). Increasing collaborative research output between early-career health researchers in Africa: lessons from the CARTA fellowship program. *Global Health Action*, 13(1). <https://doi.org/10.1080/16549716.2020.1768795>
- Vedaschi, A. (2018). The dark side of counter-terrorism: Arcana Imperii and Salus Rei publicae. *American Journal of Comparative Law*, 66(4), 877–926. <https://doi.org/10.1093/ajcl/avy049>
- Veithzal, R. (2008). *Manajemen Sumber Daya Manusia untuk Perusahaan*. Jakarta: PT.Raja Grafindo Persada.
- Voegtlin, C., Frisch, C., Walther, A., & Schwab, P. (2020). Theoretical Development and Empirical Examination of a Three-Roles Model of Responsible Leadership. *Journal of Business Ethics*, 167(3), 411–431. <https://doi.org/10.1007/s10551-019-04155-2>
- von Fircks, E. F. (2020). Existential Humanistic Leadership (EHL) as a Dialogical Process: Equality of the Non-equality in Organizations. *Integrative Psychological and Behavioral Science*, 54(4), 719–741. <https://doi.org/10.1007/s12124-020-09560-1>
- Wang, R., Li, C., Lyu, W., Zhao, J., Li, X., & Yin, H. (2017). Optimal control of three-level multi-functional inverter based on dynamic switching system model. In *Proceedings - 2017 Chinese Automation Congress, CAC 2017* (Vol. 2017-January, pp. 22–25). <https://doi.org/10.1109/CAC.2017.8242730>
- Wibowo. (2013). *Work management.*. Jakarta: Rajawali Pers.
- Wu, X., Xu, L., Wang, J., Yang, D., Zhang, M., & Li, X. (2020). Discharge performance recovery of a solid oxide fuel cell based on a prognostic-based control strategy. *Journal of Power Sources*, 480. <https://doi.org/10.1016/j.jpowsour.2020.229102>
- Wu, Y.-T., Huang, D.-H., Hsu, T.-H., & Hong, F.-Y. (2020). Children's stress, negative emotions, emotional eating, and eating disorders: A moderated mediation model. *Journal of Psychology in Africa*, 30(5), 433–439. <https://doi.org/10.1080/14330237.2020.1821319>
- Xu, W., Sheng, F., Zhang, C., Wang, B., & Xing, H. (2019). Degradation Performance of ZnO Varistor Under Multi-pulse Lightning Impulse [多脉冲雷电冲击下 ZnO压敏电阻的劣化性能]. *Gaodianya Jishu/High Voltage Engineering*, 45(12), 3785–3793. <https://doi.org/10.13336/j.1003-6520.hve.20190410023>
- Xu, X., Wang, L., Sun, M., Fu, C., Bai, Y., Li, C., & Zhang, L. (2020). Climate change vulnerability assessment for smallholder farmers in China: An

- extended framework. *Journal of Environmental Management*, 276. <https://doi.org/10.1016/j.jenvman.2020.111315>
- Yuan, M., Fu, H., Han, Y., Chen, J., & Fang, Y. (2020). Mediation and moderated mediation in the relationships among income condition, depression, cognition and residence among older adults in China. *Geriatrics and Gerontology International*, 20(10), 860–866. <https://doi.org/10.1111/ggi.13987>
- Zhao, X., Lynch Jr, J. G., & Chen, Q. (2010). Reconsidering Baron and Kenny: Myths and truths about mediation analysis. *Journal of Consumer Research*, 37(2), 197–206.
- Zhou, J., Wu, J., & Gong, Y. (2020). Valuing wetland ecosystem services based on benefit transfer: A meta-analysis of China wetland studies. *Journal of Cleaner Production*, 276. <https://doi.org/10.1016/j.jclepro.2020.122988>
- Zhou, S., Zhang, Q., Gao, R., Chang, H., Xin, X., Li, S., ... Wang, Y. (2020). High-accuracy atmospheric turbulence compensation based on a Wirtinger flow algorithm in an orbital angular momentum-free space optical communication system. *Optics Communications*, 477. <https://doi.org/10.1016/j.optcom.2020.126322>
- Zulfikar, R., Lukviarman, N., Suhardjanto, D., Ismail, T., Astuti, K. D., & Meutia, M. (2020). Corporate governance compliance in banking industry: The role of the board. *Journal of Open Innovation: Technology, Market, and Complexity*, 6(4), 1–18. <https://doi.org/10.3390/joitmc6040137>.