Organizational citizenship behavior as antecedents and outcome in era technology

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Abstract. The paper aims to discuss the concept of Organizational Citizenship Behavior (OCB), as an antecedent of Organizational Justice (OJ), and the consequences of Organizational Performance (OP). The method used is to review theories and relevant literature to reconstruct propositions of the possible influence of OJ’s four dimensions. The dimensions are distributive Justice, Procedural Justice, interpersonal Justice, and informational Justice to OCB Individual and OCB Organizational, and their consequences on organizational performance. The results of the study propose propositions from the OJ dimension, namely distributive Justice, Procedural Justice, interpersonal Justice, and informational Justice can influence OCB Individual and Organizational OCB. They can have an impact on organizational performance.

1. Introduction
In the era technology and globalization, organizations always try to achieve excellence through the quality of their services, both internal and external. The achievement of this excellence is carried out through the in-role and extra-role behaviour of its employees. This extra-role behaviour is known as Organizational Citizenship Behavior (OCB), which is the helpful attitude of employee staff to colleagues, both old and new staff, best interest in the organization, and providing many ideas for organizational development. [1] state, that OCB will result in increased individual and organizational development, where the result is organizational performance. OCB refers to discretionary contributions or discretionary, unsolicited behaviour from members by the organization that employs them. The policy qualification contains ideas, where OCB behaviour is not part of the job description or a dimension of job requirements [2]. [3] states that many of the members of the organization help their colleagues and mentor new employees, go beyond attendance and punctuality levels, and even go to great lengths to protect organizational assets. The organization will receive greater operating efficiency, superior productivity, and higher customer satisfaction, as well as better financial results, compared to companies where employees have fewer OCB behaviours.

OCB in the organization will enrich individual and organizational performance. Individual performance can be obtained with higher productivity, job satisfaction, rewards and recognition, career development, and innovation. The organizational performance obtained is climate, commitment, culture, and higher organizational performance [1]. Employees who exhibit OCB, tend to engage in other sensitive behaviours such as, learning, innovation, high-quality relationships with supervisors and subordinates in promoting performance [4]. Research conducted by [5], found that OCB affects the performance of construction industry employees in Ghana. [6], researched in India on...
the health industry and added the findings that OCB affects job performance. In addition to individual and organizational performance, OCB in [7], OCB also proved to affect team performance. Meanwhile, [8] states that the consequences of OCB are at the individual, group, and organizational level.

The explanation above explains OCB as an antecedent of organizational performance, both individual, team, and organizational performance. Apart from being an antecedent, OCB also has a role as an outcome or consequence of other variables. The empirical findings of OCB as an outcome were produced by [9], with job characteristic and job satisfaction variables, [10] study, with perceived person-organization fit, perceived person-job fit, organizational commitment. Variables of transformational leadership, organizational climate [11], Perceived organizational support, Organizational Identification, Leader-Member Exchange [12], and organizational justice [13], [14]; [15], [16]; [17] also made OCB an outcome.

The author chose OJ as the antecedent of OCB. OJ was chosen because the issue of fairness in the organization is an important matter for both management and employees. The effectiveness of an organization and its leaders can be seen through intelligence, job satisfaction, perceptions of Justice felt by subordinates, leader support, and organizational commitment [18]. Even within the organization, OJ and OCB have grown together [19]. Besides, OJ is considered a determining factor for employee happiness, which creates a balance between work and personal life when employees get support from the organization [20]. [21], states that the theory of Justice can be used as a motivational model that explains how people seek Justice and Justice in social exchange. In the workplace, an employee often conducts evaluations and has a feeling of equality with other employees, and sees whether he receives adequate compensation according to the contributions made to the company. Employees evaluate by comparing the fairness they feel with others who are considered comparable. Studies [22], [15], [23], [24] have found that there is a positive and significant relationship between organizational Justice and OCB. Meanwhile, [17], [25] found the opposite result where organizational Justice (OJ) has no relationship with OCB.

This paper aims to provide a conceptual framework, OCB as an antecedent of performance and as an outcome of OJ. The reason the authors make OCB an object is because OCB research can be applied across fields of science. A search on Willey online in 2020, there were 51 subjects or fields of science that presented articles about OCB. The results of a literature search on the Emerald Insight database for 2010 - 2020, found more than 1000 articles about OCB, the database on the Elsevier publisher for 2015 - 2020 contained more than 1000 articles, and Wiley online from 2015 - 2020 found 16,642 articles. Besides, OCB is an essential thing in an organization, but its existence is difficult to establish in the organization formally. A lockdown policy followed the occurrence of the Covid 19 pandemic around the world; large-scale social restrictions made human resource management patterns change. The strategy of working from home, reducing working hours, dividing employees into work shifts requires an extra-role from employees to help each other, work together to solve the demands of job responsibilities. The effectiveness of achieving organizational performance in these conditions requires OCB behaviour from employees shows that OCB is still very important to be studied in the future. What distinguishes it from the previous article is that the OCB in the article focuses on individual OCB and organizational OCB. In contrast, in the previous article, it discussed OCB as a whole.

1.1. Literature review

1.1.1. Organizational citizenship behaviour (OCB). OCB was first raised by [26], with the basic idea that an organization is a system of cooperation. Furthermore, OCB is described as something indispensable, where people are willing to contribute to the cooperation system. A person shows willingness through a sense of solidarity, esprit de corps, and loyalty. OCB can be defined as a set of behaviours that support or enhance the organizational cooperation system, but are not systematically recorded in the formal system of the organization, or are bound consistently and receive special rewards [27]. OCB is a type of discretionary and contributory behaviour that is not explicitly linked to
specific job requirements, which logically assumes that such specific requirements exist, are known, and may be documented.

OCB has two categories, namely Individual OCB (OCBI), which is OCB behaviour that is directed interpersonal and indirectly benefits or benefits the individual, and Organizational OCB (OCBO) which benefits the organization as a whole. [28], [29], also categorized OCB in two forms, namely Affiliate-oriented OCB Individual (OCBI), and Affiliate-oriented OCBO and challenges as shown in Table 1.

| Type    | Affiliation Oriented | Challenge oriented | Neither          |
|---------|----------------------|--------------------|------------------|
| OCB I   | Interpersonal helping|                    |                  |
|         | Altruism             |                    |                  |
|         | Altruism to colleague|                   |                  |
|         | Courtesy             |                    |                  |
|         | Peacekeeping         | Interpersonal      |                  |
|         | Cheerleading         |                   |                  |
|         | Interpersonal facilitation |              |                  |
|         | Interpersonal harmony|                   |                  |
| OCB O   | Organizational loyalty| voice              | Conscientiousness |
|         | Loyal boosterism     | Making constructive suggestions | Individual Initiative |
|         | Organizational identification | civic virtue | Personal Industry |
|         | Endorsement, support, and defence | principled dissent | Job dedication |
|         | Spread of goodwill   | Advocacy participation | Voluntary performance of task activities |
|         | Promotion of company image | Organizational participation | Self-development |
|         | Sportmanship         | Issue selling      | Self-training    |
|         | Compliance           | Taking charge      | Career development |
|         | Organizational obedience |                  | Innovation       |
|         | Protection of company resources |              |                  |
|         | Compliance to organizational rules and procedures | |                  |
|         | Civic virtue         |                    |                  |

Source: [29]

1.1.2. Organizational Justice. Justice is with how rewards and punishments are collectively distributed incorporate social relationships, and about how people manage these relationships with one another. Justice is central to human relationships and affairs, where they care deeply about their perceived perceptions of how they are treated by others [30]. In a review [31], about OJ, for six decades (1950 and beyond), OJ first crossed the divergence path to evolve from a one-dimensional construction. Distributive Justice to a two-dimensional construct, namely Distributive Justice and Procedural Justice. The next stage of the construct, namely Distributive Justice, Procedural Justice, interactional Justice. The four-dimensional construct, where interactional Justice is categorized into interpersonal Justice and informational Justice.

Distributive Justice, as described [32], is a form of Justice that is felt by individuals, from their assessment of resource allocation, the results obtained with the estimated contribution given. Distributive Justice that is felt by individuals in the organization can be maintained or pursued when the results obtained by individuals can be consistent with implicit norms for resource allocation and results [33].

Procedural Justice is described [34], as an individual's perception of Justice based on organizational procedures and policies. Furthermore, it is conveyed that procedural Justice is fostered in the
organization, through voice during the decision-making process or the influence that exceeds the outcome.

Interactional Justice, refers to the quality of interpersonal care received by an individual [30]. Interactional Justice is fostered when decision-makers treat people with respect and sensitivity and explain the reasons for decision making as a whole [33]. Furthermore [33], developed a measurement scale for four dimensions of Justice by dividing interactional Justice into two dimensions, namely interpersonal Justice and informational Justice. Interpersonal Justice reflects the extent to which supervisors treat their subordinates with respect and dignity. Meanwhile, Informational Justice reflects the accuracy and timeliness of information provided by supervisors to subordinates regarding the implementation of procedures that produce specific ways of distributing results [33]. Alternatively, it can be said that informational Justice is related to the adequacy of the explanation given in terms of the timeliness, specificity and correctness of the information provided.

1.1.3. Organizational Performance. Performance is defined as the extent to which an organization as a social system can set goals and how to achieve them [35]. Meanwhile, according to [36], organizational performance is the organization's ability to achieve its goals by using resources efficiently and effectively. [37], defines organizational performance as the actual results or outputs of an organization as measured against the desired output of the organization.

2. Conceptual framework

In the model or conceptual framework in Figure 1, the OCB domain consists of OCBI and OCBO. It is divided into four antecedents, namely from the dimensions of Organizational Justice, including Distributive Justice, Procedural Justice, Interpersonal Justice, and Informational Justice. Meanwhile, organizational performance is a consequence of OCBI and OCBO.

Empirical findings related to the positive relationship between OJ as a whole and OCB were produced by [22], [15], [13], and [16], found that OJ has a positive relationship with OCBI and OCBO. However, [17], found the opposite result where organizational Justice (OJ) has no relationship with OCB. Various propositions based on four antecedents and one consequence with OCBI and OCBO as mediating variables are depicted in Figure 1 and are described as follows.
2.1. Distributive Justice and OCB
Distributive Justice is a perception of Justice that is felt by individuals about resource allocation, the results they receive according to norms or rules in the organization. When an employee in the organization is treated fairly, they will give feedback to the organization by behaving extra. An employee measures Justice by comparing the outcomes or rewards obtained with the input or contribution he gives that he takes with the output he gets [38]. Empirical findings that examine the effect of distributive Justice on OCB are produced [13], [39] and the influence of DJ on OCB I and OCBO were found by [40]. Meanwhile [23], in their research, they found results where DJs did not affect OCBO but had an effect on OCBI. Based on the above explanation, the following prepositions are formulated:

Proposition 1: Distributive Justice has a positive relationship with OCBI
Proposition 2: Distributive Justice has a positive relationship with OCBO

2.2. Procedural Justice and OCB
Procedural Justice is a perception of Justice that is felt by someone related to procedures and policies in a company. If someone feels fairness in the processes and procedures until a decision is made, it will be able to generate extra behaviour towards the organization. The empirical findings examining the effect of PJ on overall OCB were carried out by [13], [39]. The positive influence of PJ on OCBI, but not affecting OCBO, was found by [23] and [40].

Proposition 3: Procedural Justice has a positive relationship with OCBI
Proposition 4: Procedural Justice has a positive relationship with OCBO

2.3. Interpersonal Justice and OCB
Interpersonal Justice is the perception that a person feels about how a person is treated with respect and dignity. The interactions that occur between a person and other people in a company will produce these perceptions. The workforce highly values interpersonal Justice or has a strong fairness orientation so that organizations can take steps to help foster these values [41]. If someone feels valued in their interactions, it can encourage someone to behave extra. Research that proves the relationship between interpersonal Justice and OCB has not been widely conducted. The empirical findings that have been produced are the relationship between interactional Justice and OCB, including the study of [13],[39]. Interactional justice relationship to OCBI and OCBO resulted [40], [23], interactional Justice has a negative relationship with OCBI but has no relationship with OCBO. Studies [14] found that interpersonal Justice has a positive relationship with OCBI and OCBO, while the findings [42], Interpersonal Justice have a positive relationship with OCBO. Based on this, a preposition is formulated:

Proposition 5: Interpersonal Justice has a positive relationship with OCBI
Proposition 6: Interpersonal Justice has a positive relationship with OCBO

2.4. Informational Justice and OCB
Informational Justice, is the perception of Justice that is felt by a person. The availability of information, the adequacy of the explanation given in terms of timeliness, specificity, and the correctness of the information provided. As a basis for decision making and the implementation of work tasks, a person needs the availability, clarity and accuracy of information. A worker will give feedback with extra behaviour if they have Justice in the information they get. The empirical findings that examine the positive effect of informational Justice on OCBI and OCBO are carried out by [14], and studies [42] also find that informational Justice has a positive effect on OCBO. Based on this, the following prepositions were formulated.

Proposition 7: Informational Justice has a positive relationship with OCBI
Proposition 8: Informational Justice has a positive relationship with OCBO
2.5. OCB and Organizational Performance

The extra behaviour of a workforce will benefit the organization as a whole. The role of OCB in bridging differences and facilitating communication and coordination can be the most critical determinant of organizational performance [43]. Various empirical findings have shown evidence that employees' OCB behaviour can drive organizational performance. Studies conducted by [44], [45] state that positively, OCB increases organizational performance to be higher. OCB also affects the sustainability of the overall organizational performance from financial, social, and environmental performance [46]. The results of an empirical review by [47], also found a correlation between OCB and group or unit performance, which indicates that OCB causes increased performance. Research in universities was also carried out to examine the effect of OCB levels, with the result that higher OCB levels result in higher work performance. In contrast, the essential components of OCB determining job performance are altruism and awareness [1]. Meanwhile, findings that indicate there is a positive relationship between OCBO and OP were generated [28]. Based on the above discussion, the following propositions are proposed:

Proposition 9: OCB1 has a positive relationship with Organizational Performance

Proposition 10: OCBO has a positive relationship with Organizational Performance

3. Managerial implications

The extra-role behaviour performed by a workforce in the organization, or known as OCB, can be considered by managers as a behaviour-based strategy in improving the performance of individuals, teams, units and the organization as a whole. The experience that can be taken with the Covid Pandemic 19, where managers have to make changes in managing human resources, such as lockdown policies, work for home, work shifts require extra-role behaviour that must be carried out by the workforce. Although OCB is difficult or even cannot be formalized in an organization, OCB can be encouraged to form naturally. Fair treatment given by managers from the dimensions of Distributive Justice, Procedural Justice, interpersonal Justice and informational Justice, will foster a psychological sense in employees. A person will feel respected. Their rights are fulfilled so that, without being asked, their manager will contribute by behaving with an extra-role. A better understanding of individual and group behaviour in the organization will help and make it easier for managers to establish specific steps in caring for their employees to achieve organizational performance and effectiveness. This conceptual paper can contribute to enriching the OCB literature by focusing on the consequences of the four dimensions of OJ as an antecedent of OCB (individual and organizational) and the consequences of OCB, namely organizational performance.

References

[1] K. Easo, M. S. Balaji, and B. Anbazhagan, “Organizational Citizenship Behaviour, its Antecedents and Outcome: An Empirical Analysis,” Shanlax Int. J. Manag., vol. 7, no. 3, pp. 74–77, 2020, doi: 10.34293/management.v7i3.1610.

[2] D. W. Organ, Organizational Citizenship Behavior, Second Edi., vol. 17, no. 1938. Elsevier, 2015.

[3] D. W. Organ, “Organizational Citizenship Behavior: Recent Trends and Developments,” Annu. Rev. Organ. Psychol. Organ. Behav., no. November 2017, pp. 1–12, 2018, doi: doi.org/10.1146/annurev-orgpsych-032117-104536.

[4] E. A. Atatsi, J. Stoffers, and A. Kil, “Factors affecting employee performance: a systematic literature review,” J. Adv. Manag. Res., vol. 16, no. 3, pp. 329–351, 2019, doi: 10.1108/JAMR-06-2018-0052.

[5] E. Kissi, O. A. Asare, and K. Agyekum, “Ascertaining the interaction effects among organisational citizenship behaviour , work overload and employees ’ performance in the Ghanaian construction industry,” vol. 68, no. 7, pp. 1235–1249, 2019, doi: 10.1108/IJPPM-07-2018-0262.

[6] E. Basu, R. K. Pradhan, and H. R. Tewari, “Impact of organizational citizenship behavior on job
performance in Indian healthcare industries: The mediating role of social capital,” *Int. J. Product. Perform. Manag.*, vol. 66, no. 6, pp. 780–796, 2017, doi: 10.1108/IJPPM-02-2016-0048.

[7] M. A. Uddin, M. Mahmood, and L. Fan, “Why individual employee engagement matters for team performance?: Mediating effects of employee commitment and organizational citizenship behaviour,” *Team Perform. Manag.*, vol. 25, no. 1–2, pp. 47–68, 2019, doi: 10.1108/TPM-12-2017-0078.

[8] A. O. Banwo and J. Du, “When the good outweighs the bad: organizational citizenship behaviour (OCB) in the workplace;,” *Hum. Resour. Dev. Int.*, vol. 23, no. 1, pp. 88–97, 2020, doi: 10.1080/13678868.2018.1449546.

[9] N. Sawalha and Y. Kathawala, “Educator organizational citizenship behavior and job satisfaction moderation in the GCC expatriate-dominated market,” vol. 27, no. 1, pp. 19–35, 2019, doi: 10.1108/IJOA-09-2017-1247.

[10] J. Farzaneh, A. D. Farashah, and M. Kazemi, “The impact of person-job fit and person-organization fit on OCB The mediating and moderating effects,” *Pers. Rev.*, vol. 43 No. 5, pp. 672–691, 2014, doi: 10.1108/PR-07-2013-0118.

[11] R. Kao, “The relationship between work characteristics and change- oriented organizational citizenship behavior,” 2016, doi: 10.1108/PR-01-2016-0012.

[12] Y. Shen, “Cognitive leader – member exchange differences between supervisors and subordinates,” *Int. J. Product. Perform. Manag.*, vol. 68, no. 4, pp. 817–837, 2019, doi: 10.1108/IJPPM-03-2018-0104.

[13] A. Hameed Al-ali, L. Khalid Qalaja, and A. Abu-Rumman, “Justice in organizations and its impact on Organizational Citizenship Behaviors: A multidimensional approach,” *Cogent Bus. Manag.*, vol. 6, no. 1, 2019, doi: 10.1080/23311975.2019.1698792.

[14] M. F. Y. Cheung, “The mediating role of perceived organizational support in the effects of interpersonal and informational justice on organizational citizenship behaviors,” vol. 34, no. 6, pp. 551–572, 2013, doi: 10.1108/LODJ-11-2011-0114.

[15] S. K. Singh and A. P. Singh, “Interplay of organizational justice, psychological empowerment, organizational citizenship behavior, and job satisfaction in the context of circular economy,” *Manag. Decis.*, vol. 57, no. 4, pp. 937–952, 2019, doi: 10.1108/MD-09-2018-0966.

[16] M. Jihad, Z. Q. Farzana, M. M. Zafir, and T. Ramayah, “Cross Cultural & Strategic Management Bridging the Gap Between Justice and Citizenship Behaviour Behavior in Asian Culture,” *Cross Cult. Strateg. Manag.*, vol. 23, no. 1, pp. 42–77, 2016.

[17] K. Jehanzeb and J. Mohanty, “The mediating role of organizational justice between organizational justice and organizational citizenship behavior: Power distance as moderator,” *Pers. Rev.*, vol. 49, no. 2, pp. 445–468, 2019, doi: 10.1108/PR-09-2018-0327.

[18] D. W. Organ, “Organizational Citizenship Behavior: It’s Construct Clean-Up Time,” *Hum. Perform.*, no. January 2014, pp. 37–41, 2009, doi: 10.1207/s15327043hip1002.

[19] R. S. Cropanzano, D. E. Rupp, M. A. Thornton, and R. Shao, *Oxford Handbooks Online Organizational Justice and Organizational Citizenship Organizational Justice : A Brief Overview*, no. May 2018. 2016.

[20] H. K. Tjahjono, O. Fachrunnisa, and M. Palupi, “Configuration of organisational justice and social capital: Their impact on satisfaction and commitment,” *Int. J. Bus. Excell.*, vol. 17, no. 3, pp. 336–360, 2019, doi: 10.1504/IJBEX.2019.097957.

[21] K. Sinding and C. Walldstrom, *Organisational Behaviour*, Fifth. Berkshire: Mc. Graw Hill Education, 2014.

[22] K. Safi, Imran Akbar; Shahzad, “The Mediating role of Job Satisfaction in the Relationship between Organizational Justice and Employee Outcomes,” *Pakistan J. Commer. Soc. Sci.*, vol. 11, no. 1, pp. 126–146, 2017, doi: 10.1080/01900692.2017.1388819.

[23] M. M. Hassan, S. Azim, and S. M. Abbas, “Citizenship as Targeted Behavior: Responses to Organizational Justice and the Role of Culture,” *Int. J. Public Adm.*, vol. 40, no. 6, pp. 459–471, 2017, doi: 10.1080/01900692.2015.1136943.

[24] H. K. Iqbal, U. Aziz, and A. Tasawar, “Impact of Organizational Justice on Organizational
Citizenship Behavior: An Empirical Evidence from Pakistan,” *World Appl. Sci. J.*, vol. 19, no. 9, pp. 1348–1354, 2012, doi: 10.5829/idosi.wasj.2012.19.09.750.

[25] S. Batool, “Developing Organizational Commitment and Organizational Justice to amplify Organizational Citizenship Behavior in Banking Sector,” *Pakistan J. Commer. Soc. Sci.*, vol. 7, pp. 646–655, 2013.

[26] K. R. A. Chester I. Barnard, *The Functions of the Executive*, no. December. New Jersey: Harvard University Press, 1937.

[27] D. W. Organ, “The Roots of Organizational Citizenship Behavior,” in *Oxford Handbooks Online*, no. April 2018, 2016, pp. 1–20.

[28] L. J. Williams and S. E. Anderson, “Job Satisfaction and Organizational Commitment as Predictors of Organizational Citizenship and In-Role Behaviors,” *J. Manage.*, vol. 17, no. 3, pp. 601–617, 1991.

[29] N. P. Podsakoff, P. M. Podsakoff, S. B. Mackenzie, T. D. Myaness, and T. M. Spoolma, “Consequences of unit-level organizational citizenship behaviors: A review and recommendations for future research,” *J. Organ. Behav.*, vol. 35, pp. 5–22, 2014, doi: 10.1002/job.

[30] R. Folger and R. Cropanzano, *Organizational Justice and Human Resource Management*, 2nd Editio., vol. 3, no. 2. London: A Sage Publications Series, 1998.

[31] S. Pattnaik and S. K. Tripathy, “The Journey of Justice: Recounting Milestones over the Past Six Decades,” *Manag. Labour Stud.*, vol. 44, no. 1, pp. 58–85, 2019, doi: 10.1177/0258042x18808896.

[32] J. Greenberg, “Organizational Justice: Yesterday, Today, and Tomorrow,” *J. Manage.*, vol. 16, no. 2, pp. 399–432, 1990, doi: 10.1177/014920639001600208.

[33] J. A. Colquitt, “On the dimensionality of organizational justice: A construct validation of a measure,” *J. Appl. Psychol.*, vol. 86, no. 3, pp. 386–400, 2001, doi: 10.1037/0021-9010.86.3.386.

[34] J. Thibaut and W. Laurens, “Procedural Justice: A Psychological Analysis,” in *Duke Law Journal*, vol. 25, no. 1, Lawrence Erlbaum Associates, 1975, pp. 1289–1296.

[35] T. A. Robbins, Stephen P. & Judge, *Organizational Behavior*, 15th ed. England: Pearson, 2013.

[36] R. L. Daft, *Organization Theory and Design*, Tenth Edit. South-Western: Joe Sabatino, 2010.

[37] D. R. Tomal and K. J. Jones, “a Comparison of Core Competencies of Women and,” vol. 14, no. 1, pp. 13–26, 2015.

[38] J. A. Mello, *Strategic Human Resource Management*, Fourth. Canada: Cengage Learning, 2015.

[39] B. K. Choi, H. K. Moon, W. Ko, and K. M. Kim, “A cross-sectional study of the relationships between organizational justices and OCB Roles of organizational identification and psychological contracts,” *Leadersh. Organ. Dev. J.*, vol. 35, no. 6, pp. 530–554, 2014, doi: 10.1108/LODJ-08-2012-0103.

[40] A. Ertu, “Increasing organizational citizenship behaviors of Turkish academicians relationship between organizational justice,” vol. 22, no. 3, pp. 257–270, 2007, doi: 10.1108/02683940710733089.

[41] B. C. Holtz and C. M. Harold, “Interpersonal Justice and Deviance: The Moderating Effects of Interpersonal Justice Values and Justice Orientation,” *J. Manage.*, vol. 39, no. 2, pp. 339–365, 2013, doi: 10.1177/0149206310390049.

[42] J. Lilly, “The Impact of Justice Type on Organizational Citizenship Behavior: Do Outcome Favorability and Leader Behavior Matter?,” *Curr. Psychol.*, vol. 34, no. 1, pp. 26–49, 2015, doi: 10.1007/s12144-014-9238-1.

[43] J. Harvey, M. C. Bolino, and T. K. Kelemen, “Organizational citizenship behavior in the 21st century: How might going the extra mile look different at the start of the new millennium?,” *Res. Pers. Hum. Resour. Manag.*, vol. 36, pp. 51–110, 2018, doi: 10.1108/S0742-73012018000036002.

[44] J. Koopman, K. Lanaj, and B. A. Scott, “Integrating the Bright and Dark Sides of OCB: A Daily Investigation of the Benefits and Costs of Helping Others Journal;,” *Acad. Manag. J.*, vol. 59, pp. 414–435, 2016, doi: 10.5465/amr.2014.1262.
[45] R. S. Dalal, “Contextual Performance/Prosocial Behavior/ Organizational Citizenship Behavior,” *The SAGE Encyclopedia of Industrial and Organizational Psychology, 2nd edition*. SAGE Publications, Inc, pp. 222–227, 2017, doi: 10.4135/9781483386874.

[46] S. H. N. Lee and J. Ha-Brookshire, “The effect of ethical climate and employees’ organizational citizenship behavior on U.S. fashion retail organizations’ sustainability performance,” *Corp. Soc. Responsib. Environ. Manag.*, vol. 25, no. 5, pp. 939–947, 2018, doi: 10.1002/csr.1510.

[47] D. W. Organ, P. M. Podsakoff, and S. B. MacKenzie, “Organizational citizenship behavior: Its nature, antecedents, and consequences,” in *Organizational Citizenship Behavior: Its Nature, Antecedents, and Consequences*, Thousand Oaks: SAGE Publications, Inc, 2006, pp. 1–350.