DOI: DOI:10.33168/JSMS.2023.0236

# The Moderating Role of Workplace Social Support In The Relationship Between Workplace Bullying and Job Performance

Ola Mohamed Elazzazy

Department of Management, Faculty of Commerce Zagazig University, Egypt oaedres@zu.edu.eg,ola.azzazy@gmail.com

**Abstract.** This study aimed to investigate the effect of workplace bullying (work-related bullying - interpersonal bullying - physical intimidation) on job performance, as well as to examine the mediating role of workplace social support in this relationship. A questionnaire was distributed to a sample of nurses in Egyptian hospitals. Correlations and hieratical correlation analysis were applied to the test hypotheses. The results indicated that bullying related to work has a negative but not significant relationship with job performance, while bullying related to people and physical intimidation has a significant negative relationship with job performance. The results also confirmed the moderate effect of social support in the workplace on the relationship between dimensions of bullying and job performance. Except for the physical intimidation dimension. Many suggestions and recommendations have been presented to reduce bullying in the workplace and mitigate its negative consequences on bullying victims.

**Keywords:** workplace bullying, workplace social support, job performance

#### 1. Introduction

Job performance is one of the most important variables that attracts the attention of Scholars in the field of organizational behavior, as employees' job performance is mostly reflected in organizational performance, and it is also necessary to achieve organizational efficiency and effectiveness (Elazzazy, 2020). Therefore, Scholars and practitioners in the field of organizational behavior have been interested in studying the impact of informal behaviors in workplaces on employees' job performance (Devonish, 2013). Workplace bullying is a form of informal behavior that prevails at high rates in all types of organizations (Nielsen and Einarsen, 2012) and especially in medical institutions (Nielsen et al, 2010).

Nurses specifically are exposed to bullying, which has escalated dramatically during the time of Corona pandemic since they were on the frontline fighting this pandemic. According to (Trépanier et al., 2016) up to 40% of nurses have experienced bullying behaviors, while Hook and Colbert (2017) found that the prevalence rates of bullying behaviors among nurses have varied from 26% to 77%. These figures indicate that the medical sector appears to be severely affected by this phenomenon. In contrast, workplace bullying studies in non-medical organizations indicate a global prevalence of these behaviors of only 15%, which implies that workplace bullying in different workplaces may be less prevalent in them than in the context of the medical sector (Nielsen et al, 2010).

Bullying refers to the repeated exposure of a specific person over a long time to intentional negative behaviors by co-workers, superiors, or subordinates (Nielsen et al., 2017), so workplace bullying can not be seen as a simple conflict between two people, but rather as a toxic workplace behavior that has negative consequences on both organizations and their employees (Glambek et al., 2014; Nielsen and Einarsen, 2012; Olsen et al., 2017), so such behaviors should be taken seriously.

The seriousness of workplace bullying can be explained by social learning theory, according to this theory, learning often occurs through modeling or imitating the behavior of others within the organization (Elazzazy, 2020), and this explains why some subordinates, peers, and superiors are encouraged to practice these behaviors against a specific person if they see others do the same, especially their superiors (Freire and Pinto, 2021), So Nwobia and Al Johani (2017) emphasized that tolerance with bullies leads to widespread of bullying behaviors and therefore creates a stressful work environment that can negatively affect employee performance.

Despite the intensity of studies on workplace bullying, no study- to the best of our knowledge- attempts to measure the effect of bullying dimensions (work-related bullying, person-related bullying, and physical intimidation) in Egyptian hospitals and its effect on job performance, especially during the COVID-19 pandemic where the effectiveness of performance in hospitals has been more critical. In addition, there is inconsistency in the literature findings about the relationship between bullying and job performance. Also, no previous study examines the moderating role of workplace social support in the relationship between workplace bullying and job performance. Accordingly, this research will fill this research gap by answering the following questions:

- 1-To what extent can workplace bullying with its various dimensions (work-related bullying person-related bullying physical intimidation) affect job performance?
- 2- Does workplace social support act as a moderator in the relationship between workplace bullying and job performance?

To the best of our knowledge, this research examines relationships that have never been tested before, either in general or in the hospital's context. This implies that our research will make a unique contribution to the organizational behavior literature and most particularly in the medical sector context.

# 2. Literature Review and Hypotheses Development

The concept of workplace bullying attracts the attention of Scholars and practitioners in the last decade since Leyamann 1996 published his research on workplace bullying. Then, the research on this concept has grown significantly (Samnani and Singh,2012). The concept of workplace bullying has been studied under several terms, such as mobbing (Matthiesen and Einarsen, 2010), workplace harassment (Hershcovis and Barling, 2010; Nielsen et al., 2017), aggression in the workplace (Schat and Frone, 2011), as well as emotional abuse (Tepper, 2007), social undermining (Duffy et al., 2002), interpersonal deviance (Berry et al., 2007). The central core of all these terminologies is hostility, bullying is a repetitive, intentional attack by one or a group of employees on another employee that occurs Regularly over a specific period, aiming at inflicting psychological or professional harm on the victim.

Accordingly, the neglection of such behavior may result in a lot of negative consequences both on the organizational level and on the individual level (Nielsen and Einarsen, 2012). Firstly, the consequences of bullying on an organizational level can be represented in; increasing employees turnovers (Glambek et al., 2014), low organizational commitment (Humair and Ejaz,2019), low work motivation (Einarsen et al., 2009; Rodriguez-Muñoz et al., 2009), low job engagement and job satisfaction (Rodríguez-Muñoz et al., 2009), low organizational trust (Elewa, 2019), high levels of job stress and psychological strain (Jenkins et al,2011), high burnout (Rossiter and Sochos,2018), decreasing organizational citizenship and increased organizational retaliation (Naseer et al., 2018), and workplace deviant behaviors (Litzky et al., 2006). Secondly, negative consequences of bullying on the individual level can be represented in; increasing turnover intention, which is the main outcome of workplace bullying (Nielsen and Einarsen,2012; Spence Laschinger and Fida, 2014), increasing job insecurity feeling (Glambek,2014), decreasing sense of personal achievement and lower employees' satisfaction (Israa and Suneel, 2018), also it may cause the victim to feel lonely, reduce self-confidence (Hershcovis and Barling, 2010), increase anxiety, depression, and mental disorder (Briones Vozmediano, 2015).

Workplace bullying is affected by many organizational factors (Olsen et al.,2017). In most cases, Bullying in the workplace occurs due to a power imbalance between the bullies and the victims (Samnani, 2013). Bullies may have more information than victims and may have more job experience., or have support from influencers in the organization (Matthiesen and Einarsen, 2010). Generally, victims of bullying often experience low self-esteem and lower social skills (Nel, 2019). Bullying behavior is directed toward individuals who are unable to defend themselves in a real situation (Revi, 2021). So, some Scholars found an association between bullying behavior and the victims' tendency to follow organizational silence behaviors to protect their organizational resources (Liu et al.,2020; Rai and Agrawal, 2018).

There are different categorizations of bullying behaviors each has its' own characteristics and consequences, i.e., bullying can be covert or overt behaviors, also it can be direct or indirect behaviors, in this context Scholars claim that most workplace bullying is perceived as indirect behavior by nature (Glambek et al., 2014).

Most Scholars embraced the classification of (Enarsen,2009) for workplace bullying behavior, where he divided those behaviors into work-related behavior, person-related behavior, and physical intimidation behavior. Person-related bullying refers to the behaviors practiced by the boss or colleagues towards the victim, which includes; social isolation, ignoring the victim in social situations, spreading rumors about him, taunting and insulting him, repeating the use of inappropriate signs in front of others, name-calling, and continues criticism (Einersen et al.2009; Huchinson et al.2010). While work-related bullying reflects all the negative behaviors which the bullied utilizes to affect the performance of the victim, including; ignoring the victim's opinions in work-related decisions, assigning excessive workloads, or assigning worthless tasks to undermine the victim, continuous blaming, hiding work-related information, negatively evaluating the victim's performance, or assigning tasks beyond formal roles, as well as the unfair treatment to bullying employee (Giorgi,2010; Einersen et al.2009).

Lastly, physical intimidation, which refers to all negative behaviors that cause physical harm to the victim, and is directed toward the victim's body, which includes objecting to the victim while working, talking to him loudly, and intentionally hitting him (Pompii et al.2015 Einersen et al.2009).

According to the social learning theory, human behaviors are learned through modeling and imitating the behaviors of others, which gives the chance for these behaviors to be carried on a large scale in organizations. So, it is important to find mechanisms to reduce workplace bullying and mitigate its negative consequences on victims. According to (Elewa, 2019) organizational culture matters a lot as it can promote or prohibit workplace bullying which in turn creates a stressful work environment, which negatively affects employees' performance and productivity.

## 2.1 Workplace Bullying and Job Performance

Workplace bullying is a type of social stressor that has an impact on the psychological work environment (Hauge et al., 2010), and thereby can affect employee performance and productivity directly or indirectly (Nguyenet al.2021).

The most cited definition of job performance was introduced by Campbell (1990). He defines performance as activities or behaviors under the individual's control that contribute to the organization's goals and may be quantified based on the individual's level of proficiency. Some Scholars dealt with job performance as a one-dimensional concept, where job performance is evaluated in terms of the employees' proficiency in carrying out the formal tasks assigned to them and identified in the job description (Kappagoda et al., 2014). In real fact, employees do not devote all their time to performing formal work behavior specified in the job description. So, employees' performance is said to be a multidimensional construct (Ramawickrama & Opatha, 2017). In 1993, Borman and Motowidlo also considered performance as a multi-dimensional concept consisting of two basic dimensions; task performance, and contextual performance (Hong, 2022).

Rotundo and Sackett (2002) added a third dimension under the general performance dimensions which is counterproductive performance. However, in 2011, Koopmans et al. proposed four theoretical dimensions; Task performance, Contextual performance, Adaptive performance, and Counterproductive work behaviors. In his model of job performance Hunt's (1996) included adaptive performance as a part of the contextual performance (Elazzazy, 2020).

There is a variation in the research results about the nature of the relationship between workplace bullying and job performance. Some Scholars confirmed the negative relationship between bullying and work performance (Ashraf and Khan, 2014; Robert, 2018), while other Scholars didn't find a significant relationship between workplace bullying and performance (Nielsen and Einarsen, 2012; Tag-Eldeen et al., 2017) Another study conducted by (Devonish, 2013) he found a significant relationship between contextual performance, counterproductive behavior, and bullying; on the other hand, he found no effect of bullying on in-role job performance, also (Mourssi-Alfash, 2014) through his research, he concluded that there is a negative relationship between workplace bullying and citizenship behavior.

Based on the results of previous literature, we can conclude that there is no agreement on the direction of the relationship between job performance and workplace bullying. Also, all previous studies are concerned with studying the effect of bullying on different dimensions of job performance while no previous study has examined which type or dimension of bullying has more effect on job performance. Therefore, this study attempts to fill this gap by examining the following hypothesis:

H<sub>1</sub>: There is a significant negative relationship between workplace bullying and job performance.

This main hypothesis will be divided into three sub-hypotheses.

H<sub>11</sub>: There is a significant negative relationship between work-related bullying and job performance.

H<sub>12</sub>: There is a significant negative relationship between person-related bullying and job performance.

H<sub>13</sub>:There is a significant negative relationship between physical intimidation and job performance.

## 2.2 Workplace Bullying and Social Support

As we discussed previously, there is a variation in results Regarding the relationship between bullying and performance, which means that there is a moderator that affects this relationship. The study of (Ashraf and Khan, 2014; Meriläinen et al., 2019) suggested job engagement as a mediator in this relationship, while (Devonish, 2013) examined the effect of psychological well-being and emotional intelligence as a moderator, but (Arifin et al., 2019) examined the effect of teamwork as a mechanism to absorb the negative impact of bullying on performance. On the other hand, (Olsen et al., 2017) investigated the interactive effect of bullying and job satisfaction on job performance. He recommended that employees who experience bullying should be given adequate support to reduce the negative consequences of workplace bullying on their performance.

Bullying in the workplace can be a source of job stress since it indicates a constant loss of intrinsic resources like status, dignity, safety, and motivation to work (Neall and Tuckey, 2014). In this context, many studies have emphasized the importance of social support in the workplace as an essential resource that protects employees from the negative effects of job stress caused by bullying. (Bakar and Syahruddin M., 2017; Konishi and Hymel, 2009; Rosander and Blomberg, 2019). This viewpoint is supported by the conservation of resources theory (Hobfoll, 1989), as this theory is considered one of the most significant theories for explaining the origins and effects of stress by emphasizing the role of resources (Samnani, 2013). According to this theory, in difficult working situations, employees with elevated levels of resources perform better and have more ability to deal with stress. Therefore, workplace social support is an important individual resource that leads to perceiving potentially threatening situations as less stressful (Rai and Agarwal, 2018).

Social support in the workplace has been defined as behaviors that are beneficial or intended to be beneficial to someone, those behaviors include a variety of interpersonal behaviors among workers that enhance each other's psychological and behavioral performance (Harris et al., 2007). House's (1981) identified four main categories of social support they are; (a) emotional support or psychosocial support such as empathy and caring, acceptance, encouragement, and trust, this type of support makes an employee feel that he is valued and gives him a sense of social belonging, (b) instrumental support refers to things that others physically do or provides to assist someone in his assigned tasks, (c) informational support refers to providing someone with general information that may help him address job demand, the provision of information that helps an individual to evaluate themselves, provision of advice, guidance, or information about social power structures, (e) appraisal support which refers to providing useful information for self-evaluation (Jolly et al.2020). While (Suanet et al., 2020) suggested that workplace social support can be divided into two main types; the first is instrumental support, which refers to providing tangible and practical assistance, and the second is emotional support, which denotes the acknowledgment of another person's feelings and attempts to boost the other's morale. Another classification is supervisor support and co-worker support (Yang et al., 2015).

Few studies have demonstrated the significance of social support in reducing psychological stress among bullied employees (de Beer, 2014; Gardner et al., 2013). In his study, Gardner and his colleagues (2013) concluded that both supervisor support and colleague support can reduce the psychological strain among bullied workers in various sectors. War-szewska-makuch and his colleagues (2015) found that co-workers' support can mitigate the negative impact of workplace bullying on mental health. Also, in the study of Rai and Agarwal (2018), they considered that Employees' networks of friends give emotional and practical assistance needed to deal with difficult employment conditions. On the other hand, previous research has consistently confirmed that supervisor support has a direct positive impact on job performance (Zeb et al., 2022). This means that supervisor support can be a protective resource against bullying (Desrumaux and

Gillet, 2018). Thus, to examine social support as a moderator in the relationship between workplace bullying and work performance, we suppose the following hypothesis:

H<sub>2</sub>: Workplace social support moderates the relationship between workplace bullying and job performance.

This main hypothesis will be divided into two sub-hypotheses.

H<sub>21</sub>: Social support moderates the relationship between work-related bullying and job performance.

H<sub>22</sub>: Social support moderates the relationship between person-related bullying and job performance.

H<sub>23</sub>: Social support moderates the relationship between physical intimidation and job performance.

Based on the previous discussion it's expected that social support will moderate the relationship between workplace bullying and job performance, therefore it will mitigate the negative effect of workplace bullying on employees' performance.

# 3. Research Methodology

To test the hypotheses empirically the necessary primary data were collected by utilizing a 5-point Likert scale.. ranging from 1=strongly disagree, to 5= Strongly agree. workplace bullying was measured depending on the Negative Acts Questionnaire -revised (Einarsen et al., 2009), as this scale is the most widely used instrument to measure workplace bullying in previous studies, this scale divided workplace bullying into three dimensions (work-related bullying, person-related bullying, and physical intimidating), concerning employees job performance Griffin and his colleagues (2007) suggested job performance scale. And lastly, social support was measured using Heaney's (1991) scale.

#### 3.1 Population and sample

According to the results of a national study conducted by Al-Sheyab and Al-Ababna in Egypt (2018), they concluded that 17,1% of medical staff were subjected to workplace bullying, especially nurses. And according to (Ariza-Montes et al., 2015), bullying behaviors are practiced in the public sector at greater rates than in the private sector. Therefore, this research will be applied to nurses in public hospitals in Egypt. More specifically, this research will be applied to five public hospitals in Zagazig city, as it is considered one of the largest Egyptian cities in terms of population. The research population is (N = 1327). Data was collected through a self-administered questionnaire distributed to a stratified simple random sample of nurses (n= 300) .the sample size determined according to the sample size table of Krejcie and Morgan, (1970). Primary data were collected between August and October 2022. Out of 300 targeted respondents, 288 responses were received. After excluding invalid responses, 272 were valid for further analysis , yielding a 90% response rate.

#### 4. Results and Discussion

To examine the moderating effect of workplace social support on the relationship between workplace bullying and job performance the hierarchical Regression analysis was applied using the Eviews program. Also, descriptive statistics, reliability, and correlation analysis using SPSS 20. Also, we checked for Regression assumptions of multicollinearity and homogeneity of variances of data before running the Regression analysis.

#### 4.1 Reliability

Cronbach's (a)was used to assess the reliability of study variables. As Table (1) reveals, reliabilities for work-related bullying ( $\alpha$  =0.804) and for person-related bullying ( $\alpha$  =0.726) and physical intimidation ( $\alpha$ 

= 0.706), social support ( $\alpha$  =0.811), and job performance ( $\alpha$  =0.854), all of them are within the acceptable range, with total reliability of ( $\alpha$  =0.851). which indicates good internal consistency of the scale.

**Table (1):** Reliability for study variables (Alpha Cronbach):

Variables	No of items	Cronbach's alpha
(1) Independent Variable:		
Work-related bullying	11	0.804
Person-related bullying	7	0.726
Physical Intimidating	3	0.706
(2) Moderator Variables:		
Social support	15	0.811
(4) Dependent Variable:		
Job performance	14	0.854
The Questionnaire Overall	50	0.851

# 4.2 validity

The questionnaire was originally written in English before being translated into Arabic. The Arabic version was improved based on experts' feedback. The questionnaire was sent via email to A questionnaire was reviewed by four researchers in the field of organizational behavior and three head nurses from Egyptian hospitals. They were also asked for their thoughts on how explicit the questionnaire items were and how appropriate they were for determining the aspects for which they were intended. They were also asked if they could provide more feedback to the researcher on making changes to the phrases on the questionnaire items to make them clearer and more informative. There was helpful feedback on language usage, phrasing, and item wording. Based on experts' responses and based on their opinions, the survey was prepared in its final copy.

# **4.3 Testing Hypotheses**

**Table (2):** Descriptive analysis for study variables:

	Mean	Std. Dev.	Min	Max	RII	Importance level
Independent Variable:						
Work-related bullying	3.00915	0.5503	1.9091	4.9091	0.602	Medium- High
Person–related bullying	3.03164	0.4941	2.2857	4.5714	0.606	Medium- High
Physical Intimidating	2.81208	0.7884	1.6667	5	0.562	Medium
<b>Moderator Variables:</b>						
Social support	2.45101	0.3088	1.8214	3.0804	0.490	Medium
Dependent Variable:						
Job performance	2.44732	0.3501	1.4333	3.0167	0.489	Medium

Table (2) indicates the descriptive analysis of research variables, concerning the dimensions of workplace bullying, work-related bullying, and person-related bullying were perceived to be practiced more than physical intimidation bullying among nurses. Nurses are exposed to moderating levels of workplace bullying whether work-related bullying or personal-related bullying.

**Table (3):** Spearman's correlation coefficient between study variables:

Variables		(1)	(2)	(3)	(4)	(5)
Work-related bullying	(1)	1				
Person-related bullying	<b>(2)</b>	0.315**	1			
Physical Intimidating	(3)	0.797**	0.340**	1		
Social support	<b>(4)</b>	-0.006	-0.357**	-0.338**	1	
Job performance	(5)	- 0.421**	-0.893**	- 0.488**	0.214**	1

*Note:* - \*\*, \* indicate significance at 1%, and 5% respectively.

Table (3) indicates spearman correlations between research variables; Workplace bullying and its dimensions positively correlated, as It was expected, Job performance correlates negatively with workplace bullying dimensions of work-related bullying (r=-0.421), person-related bullying (r=-0.893) and physical intimidation (r=-0.488). while social support correlates negatively with workplace bullying and its three dimensions of work-related bullying (r=-0.006), person-related bullying (r=-0.357), and physical intimidation (r=-0.338). On the other hand, social support correlates positively with job performance (r=0.214).

**Table (4):** Workplace bullying, social support, and Job performance; Econometric results:

Independent variables	Reg (1)	Reg (2)	Reg (3)	Reg (4)	Reg (5)
Direct effects:					
Work-related bullying (WB)	- 0.2441	- 0.1042	-1.3650	0.0079	0.1279
	[-0.663]	[-	[-1.867]*	[ 0.276]	[ 4.428]***
		3.721]***			
Person-related bullying (PB)	-0.3872	-0.4004	-0.4161	-5.0969	-0.3847
	[-9.256]***	[-9.089]***	[-8.004]***	[-5.630]***	[-9.368]***
Physical Intimidating (PI)	-0.0944	-0.1106	-0.0691	-0.1747	0.1179
	[-5.667]***	[-7.741]***	[-2.168]**	[-6.130]***	[ 1.092]
Social support (SS)		0.1785	7.3239	19.378	0.4453
		[ 5.719]***	[ 2.339]**	[ 5.362]***	[ 3.283]***
Moderating effects:					
$WB \times SS$			0.6607		
			[ 2.099]**		
$PB \times SS$				1.9874	
				[ 5.125]***	0
$PI \times SS$					0.2644
	2.0520	2 00 40	10 100	1 40 500	[ 0.663]
Constant	-2.0539	-3.0048	-19.109	-48.592	-3.3704
7.5.1.1.0	[-4.418]***	[-4.986]***	[-2.589]**	[-5.725]***	[-5.499]***
Model fit statistics:					
R2	90.7%	91.2%	92.3%	93.7%	92%
Adjusted R2	90.4%	91.6%	91.9%	93.4%	91.7%
DW - stat.	2.148	1.801	1.899	1.702	1.799
Fisher test (F-stat.)	(337.7)***	(347.5)***	(298.6)***	(368.3)***	(314.8)***

Note: - \*\*\*, \*\*, \* indicate significance at 1%, 5%, 10% respectively.

Table (4) shows the results of the Hierarchical Regression analysis employed to test the research hypotheses. Hypothesis 1 anticipated a negative relationship between workplace bullying and job Performance, we tested this hypothesis using hierarchal Regression, through Reg1 analyzed the effect of each dimension of bullying on job performance, as indicated in table (4), person-related bullying has a significant negative impact on job performance ( $\beta = -0.3872$ ) and also physical intimidation has a significant negative impact on job performance( $\beta = -0.0944$ ), while work-related bullying has a negative but insignificant relationship with job performance(-0.2441), but in Reg 2 when the direct effect of social support on performance was positive ( $\beta = 0.1785$ ) the impact of work-related bullying and job performance becomes significantly negative ( $\beta = 0.1042$ ).

So we can conclude that the first main hypothesis with its related sub-hypothesis is statistically supported. Except for the first sub-hypothesis that related to the relationship between work-related bullying and job performance, contrary to what was hypothesized there was no relation between them except in the existence of social support this relation becomes negative which can be interpreted by the absence of perception of work-related bullying or that nurses are familiar with such type of bullying and in their workplace.

In Reg 3 the interactive effect of social support and work-related bullying on performance is positive ( $\beta$ =0.6607), which means that social support can mitigate the negative effect of work-related bullying on performance. The same result is repeated in Reg 4, where the interactive effect of social support with personal-related bullying on job performance is positive ( $\beta$  = 1.987) which means that social support can mitigate the negative effect of personal-related bullying on job performance. Also, there was an increase in the value of ( $R^2$ ) accompanied by calculating the interaction between different dimensions of bullying with social support, where  $R^2$ = 91% it increased in Reg 4 to become  $R^2$ =93%.

In the last Reg 5, the interactive effect of social support and physically intimidating bullying on job performance is positive ( $\beta$  = 0.2644) but insignificant value which means that social support can't eliminate the negative effect of physically intimidating bullying on job performance. All values of adjusted R² are greater than 90% for all Regression equations, So we can conclude that the second main hypothesis is statistically supported and that workplace social support moderates the relationship between bullying and job performance, except for the third sub-hypothesis.

#### 5. Conclusion and Implications

Employees working in a bullying-free environment are expected to be more productive and their contribution to enhance organizational performance would be more valuable. Therefore, this study concentrated on investigating the effect of workplace bullying on job performance and identifying the moderating role of workplace social support in this relationship. To the best of our knowledge, this study is the first to examine workplace social support as a moderator to cope with workplace bullying for those who experience it.

The results indicate that bullied employees are unable to do their jobs to the best of their abilities, which is consistent with the results of (Ashraf and Khan, 2014; Robert, 2018) who found that bullying adversely affects employee job performance. Also, results reveal that workplace social support both from supervisors and co-workers can mitigate the negative effect of workplace bullying on job performance. Therefore, it can be concluded that nurses who have a higher level of social support could be able to overcome the negative emotional consequences of bullying.

Also, the results of this study revealed the effect of each type of workplace bullying behavior on job performance, where work-related bullying behaviors have a negative but insignificant effect on job performance. Certain bullying can be inherent within the organizational culture of hospitals so that the victims may not perceive them. In addition, results indicated that bullied employees cannot overcome the psychological effects of personal-related bullying behaviors without workplace social support. Also, results indicated that the most dangerous type of bullying is physical intimidation where social support cannot mitigate its negative effect on job performance.

The outcomes of this study revealed several implications for theory and practice, particularly in an emerging market such as Egypt, as follows:

## **5.1 Theoretical Implications**

In sum, this study makes three key contributions. First, our study provides insight into the mechanisms through which workplace bullying as a workplace stressor leads to a decrease in job performance among Egyptian nurses. A second contribution of the study is that in a theory-driven examination, which integrates the literature on workplace social support in the hospital sector with literature on workplace bullying to find solutions to the problem of workplace bullying in the medical sector in Egypt. The third contribution is that this study increases our understanding of the social learning theory on the organizational level and how it can be considered the reason behind the prevalence of bullying behaviors in many organizations.

Decreasing toxic workplace behavior like bullying, especially in crucial service institutions like hospitals, will be reflected positively on the performance of its staff, which will result in providing better medical services to citizens and contributing to societal welfare.

## **5.2 Practical Implication**

Managers need to adopt anti-bullying policies and mechanisms to create a bullying-free environment and to support those who are being bullied in their organizations, this research suggests some anti-bullying mechanisms as follows:

First, we suggest that the human resource department should follow multiple sources of performance appraisal (360-degree evaluation), where an employee is evaluated by his superiors, peers, and subordinates to detect any deviant behavior toward others. Second, encouraging two-way communication between management and employees is important for building trust, which in turn enables employees to disclose the bullying behavior they are exposed to in their work environment. Third, top management must take any complaints about exposure to bullying seriously and establish deterrent organizational penalties for bullies. Fourth, top management in the hospital must rely on teamwork to perform various tasks, as cooperation between team members to achieve common goals helps in reducing bullying behaviors in the workplace. Fifth, trying to increase workgroup cohesion through staff participation in social activities, such as trips and informal parties outside working hours, holidays, and events, which in turn increases the convergence and cohesion among employees. This should be adopted by top management and can be carried out by the public relations department. Sixth, holding training programs for managers and employees to increase their awareness about ethical work behavior to guide decision making and behavior in hospitals. Seventh, Nursing unions must hold workshops and seminars to educate nurses about workplace bullying behaviors and clarify the procedures taken by the union to protect and support them in case they are exposed to such behaviors. lastly, creating an ethical work climate where there is mutual respect and no tolerance for violating ethical behavior. Such remedial actions would ensure the emotional and physical health of employees.

#### References

Elazzazy, O.M. (2020), "Examining The Mediating Effect Of Organizational Politics On Personal Traits And Job Performance Relationship Applied Study On Public Hospitals In Zagazig City", Journal of Commercial Researches, 42(1), 37-62.

Al-Shiyab, A.A. and Ababneh, R.I. (2018), "Consequences of workplace violence behaviors in Jordanian public hospitals", Employee Relations, 40 (3), 515-528.

Arifin, Z., Nirwanto, N. and Manan, A. (2019), "Reducing the Negative Bullying at Work Impact on Employee Performance through Absorption and Team Work", 64, 885-892.

Ariza-Montes, A., Leal-Rodriguez, A.L. and Leal-Millán, A.G. (2015), "A comparative study of workplace bullying among public and private employees in Europe", Journal of Occupational and Environmental Medicine, 57 (6), 695-700.

Asaoka, H., Sasaki, N., Kuroda, R., Tsuno, K. and Kawakami, N. (2021), "Workplace Bullying and Patient Aggression Related to COVID-19 and its Association with Psychological Distress among Health Care Professionals during the COVID-19 Pandemic in Japan", Tohoku Journal of Experimental Medicine, 255 (4), 283-289.

Ashraf, F. and Khan, M.A. (2014), "Does emotional intelligence moderate the relationship between workplace bullying and job performance?", Asian Business and Management, 13(2), 171-190.

Bakar, Z.A. and Syahruddin M. (2017), "The importance of social support to bullying sictims: A case study in Indonesia", Psychosomatic Medicine, 38 (5), 300-314.

de Beer, L.T. (2014), "Emotional load and social support as indicators of bullying at work", Journal of Psychology in Africa, 24 (2), 154-158.

Berry, C.M., Ones, D.S. and Sackett, P.R. (2007), "Interpersonal deviance, organizational deviance, and their common correlates: A review and meta-analysis", Journal of Applied Psychology, 92(2), 410-424.

Briones Vozmediano, E. (2015), "Workplace bullying and subsequent health problems", Archivos de Prevención de Riesgos Laborales, 18(4), 202-203.

Desrumaux, P. and Gillet, N. (2018), "Direct and Indirect Effects of Belief in a Just World and Supervisor Support on Burnout via Bullying". available at https://doi.org/10.3390/ijerph15112330.

Devonish, D. (2013). "Workplace bullying, employee performance, and behaviors: The mediating role of psychological well-being", Employee Relations, 35 (6), 630-647.

Duffy, M.K., Ganster, D.C. and Pagon, M. (2002), "Social undermining in the workplace", Academy of Management Journal, 45 (2), 331-351.

Einarsen, S., Hoel, H. and Notelaers, G. (2009), "Measuring exposure to bullying and harassment at work: Validity, factor structure and psychometric properties of the negative acts questionnaire-revised", Work and Stress, 23 (1), 24-44.

Elewa, A.H. (2019). "Organizational Culture, Organizational Trust and Workplace Bullying Among Staff Nurses at Public and Private Hospitals", International Journal of Nursing Didactics, 9 (4), 10-20.

Freire, C. and Pinto, M.I. (2021), "Clarifying the mediating effect of ethical climate on the relationship between ethical leadership and workplace bullying", Ethics and Behavior, Routledge, 3(1), 1-12.

Gardner, D., Bentley, T., Catley, B., Cooper-Thomas, H., O'Driscoll, M. and Trenberth, L. (2013). "Ethnicity, workplace bullying, social support, and psychological strain in Aotearoa/New Zealand", New Zealand Journal of Psychology, 42 (2), 84-91.

Giorgi, c.(2009), workplace bullying risk assessment in 21 Italian organizations, international journal of workplace health management, 2(1), 34-47.

Glambek, M., Matthiesen, S.B., Hetland, J. and Einarsen, S. (2014), "Workplace bullying as an antecedent to job insecurity and intention to leave: A 6-month prospective study", Human Resource Management Journal, 24 (3), 255-268.

Harris, J. I., Winskowski, A. M., & Engdahl, B. E. (2007), Types of workplace social support in the prediction of job satisfaction, The Career Development Quarterly,56 (2), 150–156

Hauge, L.J., Skogstad, A. and Einarsen, S. (2010), "The relative impact of workplace bullying as a social stressor at work", Scandinavian Journal of Psychology, 51 (5), 426-433.

Hershcovis, M.S. and Barling, J. (2010). "Comparing victim attributions and outcomes for workplace aggression and sexual harassment", Journal of Applied Psychology, 95 (5), 874-888.

Holm, K.; Torkelson, E.; Bäckström, M.( 2019). Exploring Links between Witnessed and Instigated Workplace Incivility., Int. J. Workplace Health Manag., 12, 160–17.

Hong, S.(2022), Applying Social Computing to Analyze the Effect of Tax Officials' Organizational Communication on Job Performance, Journal of Logistics, Informatics and Service Science, 9 (1), 258-273.

Houck, N.M. and Colbert, A.M.,(2017). Patient Safety and Workplace Bullying: An Integrative Review. journal of nursing care quality, 32, 164-171.

Humair, S. and Ejaz, S.S. (2019), "Effect of Perceived Bullying at Workplace on Emotions Related to Job Commitment", Abasyn Journal of Social Sciences, 12(1), available at https://doi.org/10.34091/ajss.12.1.09.

Hutchinson, M. Vickers, M., Jackson, D&Wilkes, L.(2010), bullying as circuits of power, administrative theory &praxis.32(1), 25-47.

Israa, S. and Suneel, I. (2018), "Relationship between Workplace Bullying. Resilience and Job Satisfaction among Employees in a University in Pakistan", International Journal of Social Sciences & Educational Studies, 5 (2), at <a href="https://doi.org/10.23918/ijsses.v5ilp42">https://doi.org/10.23918/ijsses.v5ilp42</a>.

Ramawickrama, H Opatha, M.P. (2017). "A Synthesis towards the Construct of Job Performance", International Business Research, 10 (10), 66-102.

Jolly, P. M., Kong, D. T., & Kim, K. Y. (2021), Social support at work: An integrative review, Journal of Organizational Behavior, 42(2), 229-251.

Jenkins, M., Winefield, H. and Sarris, A. (2011), "Consequences of being accused of workplace bullying: An exploratory study", International Journal of Workplace Health Management, 4 (1), 33-47.

Kappagoda, U.W.M.R.S., Othman, H.Z.F. and Alwis, G. De. (2014), "Psychological Capital and Job Performance: The Mediating Role of Work Attitudes", Journal of Human Resource and Sustainability Studies, 2 (2), 102–116.

Konishi, C. and Hymel, S. (2009), "Bullying and Stress in Early Adolescence", The Journal of Early Adolescence, 29 (3),333–356.

Litzky, B.E., Eddleston, K. and Kidder, D.L. (2006), "The good, the bad, and the misguided: How managers inadvertently encourage deviant behaviors", Academy of Management Perspectives, 20 (1), 91–103.

Matthiesen, S.B. and Einarsen, S. (2010), "Bullying in the workplace: definition, prevalence, antecedents and consequences", International Journal of Organization Theory & Behavior, 13 (2), 202–248.

Meriläinen, M., Kõiv, K. and Honkanen, A. (2019), "Bullying effects on performance and engagement among academics", Employee Relations, 41 (6) 1205 –1223.

Mourssi-Alfash, M.F. (2014), Workplace Bullying and Its Influence on the Perception of Organizational Justice and Organizational Citizenship Behavior in Higher Education, A Dissertation Presented in Partial Fulfillment Of the Requirements for the Degree Doctor of Philosophy, Capella University, available at:http://dx.doi.org/10.1016/j.biochi.2015.03.025%

Naseer, S., Raja, U., Syed, F. and Bouckenooghe, D. (2018), "Combined effects of workplace bullying and perceived organizational support on employee behaviors: does resource availability help?", Anxiety, Stress and Coping, Taylor & Francis, 31 (6), 654–668.

Neall, A.M. and Tuckey, M.R. (2014), "A methodological review of research on the antecedents and consequences of workplace harassment", Journal of Occupational and Organizational Psychology, 87 (2), 225–257.

Nel, E.C.(2019), The impact of workplace bullying on flourishing : the moderating role of emotional intelligence, journal of industrial physiology , 45, (1), 1-9.

Nguyen, M., Luan, N. and Khoa, B.(2021). Employer Attractiveness and Employee Performance: An Exploratory Study. Journal of System and Management Sciences, 11 (1), 97-123

Naseer, S., Raja, U., Syed, F. and Bouckenooghe, D. (2018), "Combined effects of workplace bullying and perceived organizational support on employee behaviors: does resource availability help?", Anxiety, Stress and Coping, Taylor & Francis, 31 (6), 654–668.

Neall, A.M. and Tuckey, M.R. (2014), "A methodological review of research on the antecedents and consequences of workplace harassment", Journal of Occupational and Organizational Psychology, 87 (2), 225–257.

Nel, E.C.(2019), The impact of workplace bullying on flourishing : the moderating role of emotional intelligence, journal of industrial physiology , 45, (1), 1-9.

Nguyen, M., Luan, N. and Khoa, B.(2021). Employer Attractiveness and Employee Performance: An Exploratory Study. Journal of System and Management Sciences, 11 (1), 97-123

Nielsen, M.B. and Einarsen, S. (2012), "Outcomes of exposure to workplace bullying: A meta-analytic review", Work and Stress, 26 (4), 309–332.

Nielsen, M.B., Glasø, L. and Einarsen, S. (2017), "Exposure to workplace harassment and the Five Factor Model of personality: A meta analysis", Personality and Individual Differences, The Authors, 104, 195–206.

Nielsen, M.B.; Matthiesen, S.B.; Einarsen, S.(2010), The Impact of Methodological Moderators on Prevalence Rates of Workplace Bullying. A Meta-analysis. Journal of occupational and organizational psychology, 83, 955–979.

Nwobia, I.E. and Aljohani, M.S. (2017), "The Effect of Job Dissatisfaction and Workplace Bullying on Turnover Intention: Organization Climate and Group Cohesion as Moderators", International Journal of Marketing Studies, 9 (3), 136.-140

Olsen, E., Bjaalid, G. and Mikkelsen, A. (2017), "Work climate and the mediating role of workplace bullying related to job performance, job 10 satisfaction, and work ability: A study among hospital nurses", Journal of Advanced Nursing, 73, (11), 2709–2719.

Pompeii, L. A., & et al .(2015), Physical assault, physical threat, and verbal abuse perpetrated against hospital workers by patients or visitors in six US hospitals. American journal of industrial medicine, 58, (11), 1194-1204.

Rai, A. and Agarwal, U.A. (2018), Workplace Bullying and Employee Silence: A Moderated Mediation Model of Psychological Contract Violation and Workplace Friendship, Personnel Review, Vol. 47, 17 available t:https://doi.org/10.1108/PR-03-2017-0071.

Robert, F. (2018), "Impact of Workplace Bullying on Job Performance and Job Stress", Journal of Management Info, 5 (3), 12–15.

Rodríguez-Muñoz, A., Baillien, E., de Witte, H., Moreno-Jiménez, B. and Pastor, J.C. (2009), "Cross-lagged relationships between workplace bullying, job satisfaction and engagement: Two longitudinal studies", Work and Stress, 23 (3), 225–243.

Rosander, M. and Blomberg, S. (2019), "Levels of workplace bullying and escalation—a new conceptual model based on cut-off scores, frequency and self labelled victimization", European Journal of Work and Organizational Psychology, 28 (6), 769–783.

Rossiter, L. and Sochos, A. (2018), "Workplace Bullying and Burnout: Moderating Effects of Social Support", Journal of Aggression, Maltreatment and Trauma, Routledge, 27 (4), 386–408.

Samnani, A.K. (2013), "Embracing New Directions in Workplace Bullying Research: A Paradigmatic Approach", Journal of Management Inquiry, Vol. 22 No. 1, 26–36.

Samnani, A.K. and Singh, P. (2012), "20 Years of workplace bullying research: A review of the antecedents and consequences of bullying in the workplace", Aggression and Violent Behavior, Elsevier Ltd, Vol.17 No. 6, 581–589.

Schat, A.C.H. and Frone, M.R. (2011), "Exposure to psychological aggression at work and job performance: The mediating role of job attitudes and personal health", Work and Stress, Vol. 25 No. 1, 23–40.

Suanet, B., Aartsen, M.J., Hoogendijk, E.O. and Huisman, M. (2020), "The Social Support–Health Link Unraveled: Pathways Linking Social Support to Functional Capacity in Later Life", Journal of Aging and Health, Vol. 32 No. 7–8, 616–626.

Tag-Eldeen, A., Barakat, M. and Dar, H. (2017), "Investigating the impact of workplace bullying on employees' morale, performance and turnover intentions in five-star Egyptian hotel operations", Tourism and Travelling, Vol. 1 No. 1, 4–14

Tepper, B. (2007), "Abusive supervision in work organizations: Review, synthesis, and research agenda", Journal of Management, Vol. 33 No. 3, 261–289.

Trépanier, S.-G.; Fernet, C.; Austin, S.; Boudrias, V.(2016), Work Environment Antecedents of Bullying: A Review and Integrative Model Applied to Registered Nurses. Int. J. Nurs. Stud.,vol. 55, 85–97.

Wei Ching-Yao, Shu-Ti Chiou, Li-Yin Chien & Nicole Huang. (2016). Workplace violence against nurses – Prevalence and association with hospital organizational characteristics and health promotion efforts: Cross-sectional study. International Journal of Nursing Studies, Vol 56, 63–70.

Yang, T., Shen, Y., Zhu, M., Liu, Y., Deng, J., Chen, Q., & See, L. (2015). Effects of Co-Worker and Supervisor Support on Job Stress and Presenteeism in an Aging Workforce: A Structural Equation Modelling Approach. *International Journal of Environmental Research and Public Health*, 13(1), https://doi.org/10.3390/ijerph13010072.

Zeb, A., Goh, G.G.G., Javaid, M., Khan, M.N., Khan, A.U. and Gul, S. 9 (2022), "The interplay between supervisor support and job performance: implications of social exchange and social learning theories", Journal of Applied Research in Higher Education, No. 13 April, available at:https://doi.org/10.1108/JARHE-042021-0143.