# The Effect of Pay Satisfaction on Employees' Contextual Performance: The Mediating Role of Self-efficacy and Organizational Identification

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Abstract: Based on the theory of social exchange and the theory of organizational citizen behavior, this paper includes pay satisfaction, self-efficacy, organizational identification, contextual performance, leadership, and emotional exhaustion in the research model. Drawing on the mature scale design questionnaire, the data of 205 subjects with existing work experience was collected. Through empirical analysis, it is found that pay satisfaction positively affects the contextual performance; self-efficacy plays a significant positive mediating role in the relationship between pay satisfaction and contextual performance; organization recognition plays a significant positive mediating role in the relationship between pay satisfaction and contextual performance; and the moderating role of servant leadership and emotional exhaustion is not significant.

### 1. Introduction

The fierce external market competition, changing environment and rapid development of technology promote the organization from the traditional hierarchical and bureaucratic system to a more flat and networked structure. Accordingly, organizational strategy, leadership, and employee behavior change. Employees voluntarily make behaviors beyond the definition of work tasks and responsibilities, such as sharing knowledge and experience, helping colleagues to solve difficulties, and encouraging and care for colleagues, which form a part of the surrounding performance. As a part of work performance, contextual performance is difficult to assess with quantitative indicators, but it can effectively promote the growth of employees, the friendship and mutual assistance among employees, team cooperation, and organizational development. The generation of contextual performance needs the guarantee of material conditions. The appropriate salary level is the direct return of employees' work results. The reasonable salary system makes employees feel that their efforts are rewarded, so that they work harder to get the opportunity of promotion or salary increase. Spiritual inspiration is also particularly important. Inclusive and service-oriented leaders pay more attention to the communication and cooperation between leaders, employees and employees, which helps to form a harmonious and open organizational atmosphere. At the same time, employees have the willingness to learn, the commitment and focus to complete the work with high quality and efficiency, and the enthusiasm and friendliness to help colleagues, these psychology are also essential. Therefore, how to motivate employees' initiative and creativity, encourage employees to produce behaviors that contribute to teamwork and organizational development, and form a humanized and cohesive organization has become a problem worth studying.

# 2. Literature review and hypotheses

### 2.1 Social exchange theory

The social exchange theory is derived from the economist Adam Smith's exchange theory, which focuses on the exchange of the material level<sup>[1]</sup>. The theory of social exchange was first proposed by the American sociologist Homans in the  $1950s^{[2]}$ . All people's social activities of people can be attributed to a kind of exchange relationship, and social relationship is also a kind of exchange relationship, that is, social exchange<sup>[3]</sup>. The content of the exchange can be anything, such as information, knowledge and services, or some special symbolic resources, such as friendship, justice and identity<sup>[4]</sup>. Organizational citizenship behavior is an active behavior conducive to the development of the organization outside the work regulations made by employees<sup>[5]</sup>.

According to the social exchange theory, employees pay labor to the enterprise to get basic salary, welfare and other returns, and compare the actual income and expectations to form a perception, that is, pay satisfaction. In exchange, employees with high pay satisfaction also have more self-efficacy and believe that they are more capable of completing the tasks of the organization. At the same time, employees' organizational identification is enhanced, and they have a sense of belonging. They are willing to participate in activities related to others and the organization, such as sharing working methods and skills, communicating with colleagues to help complete work, listening to and understanding colleagues' ideas, etc. Therefore, employees will not only devote more themselves to their own work, but also actively communicate with members of the organization, help and contribute to produce contextual performance. The surrounding performance is not stipulated by the organization, the boundary outside the job responsibilities, is the employee initiative to make the benefit of the organization and the members of the organization.

### 2.2 Theoretical research model

Based on the theory of social exchange and organizational citizen behavior, this paper deeply studies the relationship between pay satisfaction and contextual performance, and builds a relationship model. Referring to the existing literature views, we propose the following hypothesis.

# 2.2.1 The relationship between pay satisfaction and contextual performance

Pay satisfaction refers to the employee's perception of the difference in expected income and actual income<sup>[6]</sup>. The fairness of compensation distribution and compensation procedure significantly affect the pay satisfaction<sup>[7]</sup>. High pay satisfaction plays an important role in promoting maintaining the company's core talents, building the core competitiveness of the enterprise, and building a harmonious labor relationship<sup>[8]</sup>. Pay satisfaction has sorting effect, and employee groups with different degrees of pay satisfaction show different turnover tendencies, showing sorting effect in the factors that constitute overall pay satisfaction such as welfare satisfaction, work and life balance satisfaction, performance and recognition satisfaction<sup>[9]</sup>.

Borman and Motowidlo classify employee work performance into task performance and contextual performance<sup>[10]</sup>. Contextual performance consists of two aspects: interpersonal promotion behavior that maintain social relations in the organization and work dedication behavior

that voluntarily undertake additional tasks<sup>[11]</sup>. Employees voluntarily undertake additional work, maintain good interpersonal relationship with colleagues, establish good cooperative relationship, help colleagues and other behaviors, although does not directly produce performance, but it is conducive to promoting the effective operation of the organization and contribute to the long-term and steady development of the organization<sup>[12]</sup>.

Scholars have conducted the following research on the relationship between pay satisfaction and performance. There is a significant positive relationship between pay satisfaction and job satisfaction, and between job satisfaction and employee job performance<sup>[13]</sup>. Employee pay satisfaction is significantly and positively correlated with enterprise innovation performance<sup>[14]</sup>. Pay satisfaction was significantly negatively associated with employee job insecurity and significantly positive associated with psychological capital and safety performance<sup>[15]</sup>. Pay satisfaction has a strong impetus to the improvement of employees' contextual performance, and obtains more contextual performance. It is more effective to improve pay satisfaction than to improve the sense of organizational fairness<sup>[16]</sup>.

This paper makes a supplementary study on the relationship between pay satisfaction and contextual performance, and puts forward the following hypothesis.

H1: pay satisfaction positively affects the contextual performance.

# 2.2.2 Mediating effect of self-efficacy and organizational identification

# (1) The mediating role of perceived self-efficacy

Self-efficacy is a subjective assessment of an individual's ability to complete a field of work<sup>[17]</sup>. Evaluation occurs before the behavior, modulates and controls the behavior<sup>[18]</sup>. Research on self-efficacy involves many aspects. Role width self-efficacy plays a mediating role in the internal influence mechanism of invisible knowledge sharing and deviant innovation of knowledge-based employees<sup>[19]</sup>. Self-efficacy plays a mediating role in the positive relationship between employees' informal status and voice behavior<sup>[20]</sup>.

As for the association between self-efficacy and pay satisfaction, some scholars have pointed out that the exact performance pay may not always bring about a high level of pay satisfaction, and individual differences have a moderating effect on pay satisfaction<sup>[21]</sup>. Self-efficacy also has an impact on performance. For example, the role of pilot driving skills, flight style and self-efficacy all have a significant positive impact on safety performance<sup>[22]</sup>. Employee self-efficacy plays a partial mediating role in the positive correlation between coaching leadership behavior and job performance<sup>[23]</sup>.

No similar studies on the mediating role of self-efficacy between pay satisfaction and contextual performance. When employees are more satisfied with their salary level, they may have higher initiative and initiative to complete the contextual performance without direct performance, so the following assumptions are put forward.

H2: Self-efficacy plays a mediating role in the relationship between pay satisfaction and contextual performance.

### (2) The mediating role of organizational identification

Organizational identification refers to the sense of belonging of organizational members to the organization, reflecting the consistency between the individual and the organizational system, and emphasizing that the individual integrates himself and the organization in the self-definition<sup>[24]</sup>. Employees with high organizational recognition are more inclined to show the attitudes and behaviors expected by the organization<sup>[25]</sup>. For example, organizational recognition reduces employees' willingness to leave<sup>[26]</sup>. Organizational identification helps to strengthen individual work motivation and enable them to make behaviors beneficial to the organization<sup>[27]</sup>.

Some studies have shown that pay satisfaction is significantly and positively correlated with

organizational recognition, and the salary level, welfare level and salary management level are all important factors affecting organizational recognition<sup>[28]</sup>. Scholars also make research on the relationship between organizational identification and performance. The influence of organizational identification on the contextual performance is very significant, and the three dimensions of organizational identification cognition, emotion and evaluation and organizational identification are also very strong, which can indirectly affect the contextual performance, and it can be considered that its indirect influence on the contextual performance is also very significant<sup>[29]</sup>. The organization agrees that it promotes innovation performance through the partial mediating role of work prosperity, which has certain significance to stimulate employees' active innovation and sustainable development of the enterprise<sup>[30]</sup>.

This study pays more attention to the mediating role of organizational recognition between pay satisfaction and contextual performance, and adopts the method of scale and questionnaire survey, so the following hypotheses are proposed.

H3: Organizational recognition plays a mediating role in the relationship between pay satisfaction and contextual performance.

# 2.2.3 Moderating effect of leadership and emotional exhaustion

### (1) The moderating role of leadership

Leadership refers to the way leaders treat employees, say and say, deal with affairs and decision-making problems in enterprise management<sup>[31]</sup>. Depending on different dimensions, leaderships can be divided into different types. The service-oriented leadership selected in this paper not only focuses on the success of the organization, but also regards the growth and success of employees, customers and other stakeholders as their own moral responsibility<sup>[32]</sup>. In addition, there are various leaderships. For example, transformational leaders, through leadership, charisma, intellectual stimulation and personalized care, inspire their vigorous beliefs and values, help employees overcome the fear and challenges of challenging work, so as to inspire employees to surpass themselves<sup>[33]</sup>. Laissez-faire leadership refers to the leadership that leaders avoid making decisions at work, do not take the initiative to take responsibility and do not care about subordinates. It is a leadership that does not pay attention to work and team members, does not make requirements, does not emphasize rules and regulations, and does not provide evaluation or feedback to employees' work<sup>[34]</sup>. Parnalistic leadership is a leadership that shows strict discipline and authority, fatherly kindness and moral integrity in an atmosphere of rule by man<sup>[35]</sup>.

As for the role of service-oriented leaders, some scholars have pointed out that service-oriented leaders will affect the work performance of employees through organizational recognition<sup>[36]</sup>. Service-oriented leaders have a significant positive effect on employees 'work performance, including employees' personal performance, organizational citizenship behavior, and job satisfaction<sup>[37]</sup>. At present, the moderating effect of service leaders on the pay satisfaction and contextual performance. This model needs to study whether the higher the service bias of the leader, the employee is satisfied with the salary, the incentive to increase the contextual performance, so the following hypothesis is proposed.

H4: Service-oriented leadership positively moderates the relationship between pay satisfaction and contextual performance.

### (2) The moderating role of emotional exhaustion

Emotional exhaustion describes the state of individual emotional resource loss, which makes the worker feel lack of energy, and the increase in stress leads to a decline in work motivation, accompanied by work frustration and tension<sup>[38]</sup>. Emotional exhaustion plays an important role in the psychology and behavior of employees. For example, emotional exhaustion can affect employees' willingness to leave<sup>[39]</sup>. Workplace rejection increases emotional exhaustion<sup>[40]</sup>.

In the relationship between emotional exhaustion and performance, some scholars pointed out in their research that emotional exhaustion plays a mediating effect in the impact of overtime on employees' task performance. Whether the length of overtime or the willingness to work overtime, employees can affect their task performance by changing their emotional exhaustion level<sup>[41]</sup>. No existing literature has included the research on the moderating effect of emotional exhaustion on pay satisfaction and contextual performance. This paper puts forward the hypothesis that employees who are satisfied with salary are more positive and more likely to invest in contextual performance, while employees who are not satisfied with salary, coupled with psychological fatigue of work, are unable to create contextual performance.

H5: Emotional exhaustion negatively moderates the relationship between pay satisfaction and contextual performance.

The theoretical study model presented in this paper is shown in Figure 1.

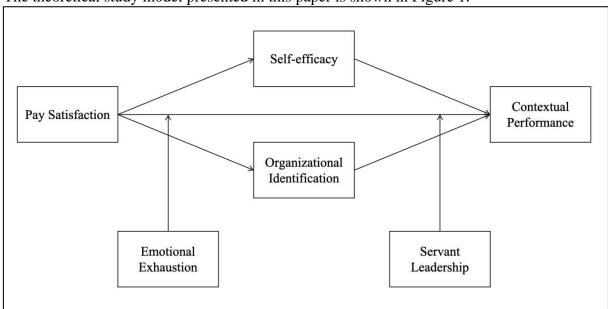


Figure 1: Theoretical research model

## 3. Methodology

# 3.1 Sample and data collection

The respondents in this study have all worked and have a certain working experience, and can fill in the questionnaire according to their own conditions to ensure the effectiveness to a certain extent. The questionnaire was designed, distributed and collected on the questionnaire star platform, and 205 valid questionnaires were collected.

### 3.2 Measurement

## (1) Explained variable

How to organically combine contextual performance and task performance in employee evaluation has important theoretical exploration and application value<sup>[42]</sup>. In this study, contextual performance was selected as the explained variable, including 3 items: I can establish good relationships with colleagues and employees; I am good at coordinating various relationships in work; I can use different communication skills according to different situations.

# (2) Explanatory variable

Through the individual perception of pay satisfaction, employees transform into positive or negative emotions, which is reflected in the completion of organizational performance<sup>[43]</sup>. Therefore, this study measures pay satisfaction and verifies its impact on contextual performance, including the satisfaction measurement of 9 items: the overall compensation level of the company; the existing compensation level; the compensation system of the company; the factors affecting the salary increase; the compensation; the compensation of colleagues in other positions in the company; the consistency of the compensation policy of employees in different positions in the company; and the compensation management mode of the company.

# (3) Mediators

Employees have different emotions due to pay satisfaction, and show corresponding initiative, that is, self-efficacy, which may have an impact on their contextual performance. The self-efficacy measure includes 6 items: I can always solve problems; I have ways to get what I want; it is easy to achieve and achieve; I am confident of any unexpected; with my intelligence, I will be able to handle the unexpected; if I make the necessary effort, I can solve most problems.

Employees' pay satisfaction will affect their organizational identification and change their work attitude and work behavior. The measurement contains 6 items: I feel like criticizing myself; I value others' opinion of my work unit; I like to use "we" to describe my work unit rather than "them"; I feel my work unit is also my achievement; when others praise my work unit, I feel like I praise me; if my work unit is criticized by the media.

### (4) Moderators

The stronger the servant leadership of the leader, the more conducive it is to make the employees feel concerned and respected, and thus the more willing to participate in the activities that produce contextual performance. The measurement of servant leadership includes 7 items: my supervisor informs them if problems occur at work; my supervisor makes my career development a priority; if I have personal problems, I seek help from my supervisor; my supervisor emphasizes the importance of giving back to society; my supervisor prioritizes my interests over his own; my own supervisor gives me freedom to do what I think best; and my supervisor does not compromise ethical principles for success.

Employees' own positive or negative emotions will also affect their work mentality and work results. The measurement of emotional exhaustion includes 5 items: work makes me exhausted; I feel exhausted when I feel exhausted in the morning; work all day is really stressful for me; work makes me collapse.

# (5) Control variables

Table 1: Variable symbols

Variable name	symbol
pay satisfaction	satis
contextual performance	perfor
self-efficacy	effic
organizational identification	org
leadership	leader
emotional exhaustion	emo
sex	gender
age	age
educational background	edu
work experience	work

Considering the actual situation, the basic information of the subjects is not uniform. In this study, the potential factors such as sex, age, educational background and years of work were set as

control variables. The questionnaire sets up questions about "your gender", "your age", "your education background", and "your working years".

The symbols of the variables corresponding to the study model are shown in Table 1.

The above explains pay satisfaction, contextual performance, self-efficacy, organizational identification, leadership and emotional exhaustion. On the basis of the reference maturity scale, specific items are set, as detailed in Table 2.

Table 2: Source of question items

variable	symbol	Question item	Scale source
	satis1	I know where my overall salary is in the	
		company	
	satis2	I pay my current salary level	
	satis3	My compensation system for my company	
	satis4	I care about the factors that affect the raise	
pay satisfaction	satis5	Compensation-related information that I provide to the company	Heneman(1985) <sup>[44]</sup>
pay satisfaction	satis6	My pay for my colleagues in other positions in the company	
	satis7	My consistency of the company's compensation policy and implementation	
	satis8	I pay the salary of different positions in the company	
	satis9	The way I manage the company's compensation	
	perfor1	I can build good relationships with my colleagues and my work partners	
contextual performance	ontextual perfor? I am good at coordinating various relationship		Van Scotter(1996) <sup>[45]</sup>
1	perfor3	I can use different communication skills according to different situations	
	effic1	If I try my best, I can always solve problems	
	effic2	Even if others object, I still have a way to get what I want	
	effic3	For me, it is easy to pursue my ideals and achieve my goals	G GYWYY D G D D (1005)
self-efficacy	effic4	I am confident that I can cope with anything unexpected effectively	SCHWARZER(1995) <sup>[</sup> 46]
	effic5	With my intelligence, I can certainly cope with unexpected situations	
I Allich I		If I make the necessary effort, I will be able to solve most of the difficult problems	
org1		When others criticize my work unit, I feel like criticizing myself	
organizations1	org2	I really value what others think of my work unit	Mool Ashforth
organizational identification	org3	I like to use "we" to describe my work unit over "they".	Mael,Ashforth (1992) <sup>[47]</sup>
	org4	I think the achievements of my work unit are also my achievements	

	org5	When others praise my work unit, I feel like praising me myself	
	org6	If my work unit was criticized by the media, I would feel uncomfortable	
	leader1	If something is a problem at work, my supervisor will inform me in time	
	leader2	My supervisor makes my career development a priority	
	leader3	If I have personal problems, I will turn to my supervisor for help	
leadership	leader4	My supervisor emphasized the importance of giving back to society	Liden(2014) <sup>[48]</sup>
	leader5	My supervisor prioritizes my interests over his own	
	leader6	My supervisor gave me the freedom to handle it in ways I think best	
leader7		My supervisor will not compromise on moral principles to succeed	
	emo1	Work makes me feel physically exhausted	
	emo2	I felt exhausted after work	
Emotional exhaustion	emo3	I feel very tired when I get up in the morning and have to face the day's work	Li Chaoping (2003) <sup>[49]</sup>
	emo4	Working all day is really stressful for me	
	emo5	Work makes me feel almost on the edge of it	

The Grade 7 Likert scale was used in the design of the questionnaire. Taking pay satisfaction as an example, 1 means "not satisfied with salary" and 7 means "very satisfied with salary". Investigators need to make choices according to the actual situation and true feelings.

# 3.3 Reliability and validity analysis

The survey and data collection of this study were completed through questionnaires, and a single variable consisted of multiple question items. For the validity of the data, a-validity test needs first.

# 3.3.1 The reliability analysis

Table 3: Results of the reliability analysis

variable	Cronbaha coefficient	Number of questions
pay satisfaction	0.969	9
contextual performance	0.925	3
self-efficacy	0.948	6
organizational identification	0.954	6
leadership	0.961	7
emotional exhaustion	0.937	5

In order to ensure the consistency of the questionnaire and the data results, the kronbach coefficient test is adopted. The Klonbach coefficient is between 0 and 1, and the higher the coefficient, the higher the reliability. Generally speaking, the Kronbach coefficient greater than 0.6 is ideal. Pay satisfaction, contextual performance, self-efficacy, organizational identification, leadership, and emotional depletion were all measured by multiple items, and the corresponding

Kronbha coefficient is shown in Table 3. According to Table 3, the kronbach coefficient of each variable is greater than 0.9, with reliability.

### 3.3.2 Validity analysis

Validity analysis is conducted to ensure that the scale data can accurately reflect the measured variables, divided into content validity and construct validity tests.

# (1) Content validity

Content validity refers to the appropriate degree to which the statement of the variables to be tested, that is, whether the actual measured content and the content to be measured are consistent. By reading and sorting out the existing literature, this study cites the mature scale without content modification. Therefore, the questionnaire and the data have content validity.

# (2) Structural validity

The construct validity of the questionnaire was tested by factor analysis, as shown in Table 4. KMO values are between 0 and 1, and the closer to 1, the stronger the correlation between variables. Factor analysis can be determined when the KOM value is greater than 0.6 and the Bartwlett ball test is significant. According to Table 4, the KMO value of the questionnaire was 0.780, greater than 0.6, and the Bartwright ball test was significant at the 1% level.

Table 4: Total KMO values and Butterlett ball tests for the questionnaire

	KMO price	0.780
	chi-square	155.060
Butterlet spherical test	free degree	15
	P price	0.000

Then, the variable pay satisfaction, contextual performance, self-efficacy, organizational identification, leadership and emotional exhaustion were analyzed respectively. According to the results, all the KMO values were greater than 0.6, and the Butterlet ball test was significant at the 1% level. Combining the overall construct validity and the factor analysis of each variable, the questionnaire had construct validity.

### 3.3.3 Factor analysis

Table 5: Results of single-factor analysis for each variable

Question item	KMO price	Butterlett spheres test for significance	The cumulative contribution rate of the single factor	Public degree	variable
satis1				0.810	
satis2				0.756	
satis3				0.781	
satis4				0.820	
satis5	0.971	0.000	80.411%	0.813	pay satisfaction
satis6				0.819	satisfaction
satis7				0.778	
satis8				0.827	
satis9				0.833	
perfor1				0.866	aantaytus1
perfor2	0.765	0.000	86.933%	0.871	contextual
perfor3				0.871	performance

effic1				0.796	
effic2				0.775	
effic3	0.026	0.000	70.2220/	0.770	salf officery
effic4	0.936	0.000	79.333%	0.805	self-efficacy
effic5				0.815	
effic6				0.799	
org1				0.802	
org2				0.839	
org3	0.934	0.000	81.383%	0.828	organizational
org4	0.934	0.000	81.383%	0.824	identification
org5				0.775	
org6				0.815	
leader1				0.809	
leader2				0.834	
leader3				0.798	
leader4	0.953	0.000	81.100%	0.834	leadership
leader5				0.783	
leader6				0.827	
leader7				0.792	
emo1				0.800	
emo2				0.801	emotional
emo3	0.904	0.000	79.940%	0.773	exhaustion
emo4				0.837	CAHaustion
emo5				0.786	

The factor analysis of each variable item is shown in Table 5. According to Table 5, pay satisfaction, contextual performance, self-efficacy, organizational identification, leadership, and emotional depletion KMO values were all greater than 0.6, and the Butterlet ball test was significant at the 1% level. When the eigenvalue is greater than 1, the results show that one factor is extracted, the cumulative contribution rate of the single factor is more than 70%, and the common degree of each item is greater than 0.7, which indicates that it is feasible to extract one common factor for the corresponding item of each variable.

### 4. Results

# 4.1 Descriptive statistics and correlation results

# **4.1.1 Demographic information**

Demographic information of participants is shown in Table 6.

Table 6: Demographic information of participants

Feature item	Specific type	frequency	frequency
COV	man	106	51.71%
sex	woman	99	48.29%
age	Age 25 and below	21	10.24%
	26~30 Years old	46	22.44%
	age 31~35 Years old		32.20%
	36~40 Years old	31	15.12%

	41~45 Years old	22	10.73%
	Age 46 and older	19	9.27%
	Specialist and below	47	22.93%
advantional healtaround	undergraduate course	104	50.73%
educational background	Master	36	17.56%
	doctor	18	8.78%
	5 Years and below	60	29.27%
	6~10 Years	57	27.80%
work experience	11~15 Years	38	18.54%
	16~20 Years	33	16.10%
	21 Years and above	17	8.29%

# **4.1.2 Descriptive statistics results**

Before doing regression analysis, descriptive statistics results of variables were shown in Table 7 using SPSS 27 statistical software.

Table 7: Descriptive statistics of variables

variable	Question item	sample capacity	least value	crest value	mean	variance
	satis1	205	1	7	4.95	3.580
	satis2	205	1	7	5.13	2.601
	satis3	205	1	7	5.10	2.926
	satis4	205	1	7	5.04	3.199
pay satisfaction	satis5	205	1	7	5.01	3.191
	satis6	205	1	7	5.07	3.392
	satis7	205	1	7	5.01	2.858
	satis8	205	1	7	5.06	3.399
	satis9	205	1	7	4.96	3.244
	perfor1	205	1	7	4.88	3.467
contextual performance	perfor2	205	1	7	4.94	3.418
	perfor3	205	1	7	4.92	3.665
	effic1	205	1	7	5.31	2.734
	effic2	205	1	7	5.20	2.723
self-efficacy	effic3	205	1	7	5.30	2.377
sen-encacy	effic4	205	1	7	5.23	2.798
	effic5	205	1	7	5.14	2.981
	effic6	205	1	7	5.33	2.760
	org1	205	1	7	5.17	2.796
	org2	205	1	7	5.11	3.179
organizational identification	org3	205	1	7	5.01	3.142
organizational identification	org4	205	1	7	5.10	3.151
	org5	205	1	7	5.06	2.614
	org6	205	1	7	5.02	3.034
	leader1	205	1	7	4.80	3.507
leadership	leader2	205	1	7	4.87	3.533
	leader3	205	1	7	4.87	3.494

	leader4	205	1	7	4.82	3.636
	leader5	205	1	7	4.73	3.151
	leader6	205	1	7	4.75	3.080
	leader7	205	1	7	4.84	3.711
emotional exhaustion	emo1	205	1	7	5.23	2.795
	emo2	205	1	7	5.26	2.497
	emo3	205	1	7	5.20	2.435
	emo4	205	1	7	5.29	3.335
	emo5	205	1	7	5.23	2.651

According to the mean and variance shown in Table 7, the mean of self-efficacy and emotional depletion was high and close, and the mean of contextual performance and leadership was low. In general, there are differences but the gap is small, so further regression analysis is necessary.

# **4.1.3** Correlation analysis

To make the results of this study accurate, the questionnaire data were analyzed for correlation and multicollinearity test. The correlation analysis of related variables and control variables of the study model is shown in Table 8.

perfor gender age edu work satis effic org leader emo gender -0.029 age 1 edu 0.022 0.051 0.001 .902\*\* 0.011 work satis -0.023 0.002 0.053 -0.013 perfor -0.004 0.033 -0.033 0.032 .199\*\* .339\*\* .249\*\* effic 0.131 -0.077 0.052 -0.076 .331\*\* 0.094 0.010 0.084 0.004 .426\*\* .240\*\* org .360\*\* .301\*\* leader 0.063 -0.015 0.061 -0.023 .238\*\* .320\*\* 0.027 0.175\* -0.082 -0.041 0.017 0.139\* 0.152\* 0.223\*\* 0.158\* emo Note: \*\*. At the 0.01 level (two-tailed), the correlation was significant.

Table 8: Correlation relation table

According to Table 8, pay satisfaction and contextual performance are positively correlated, which is significant at the 1% level, which is the same as the expected results, so the relationship can be further analyzed. In addition, the correlation coefficient table also shows that there is a positive correlation between pay satisfaction and self-efficacy, pay satisfaction and organizational identification, self-efficacy and contextual performance, and organizational identification and contextual performance. However, there was no significant correlation between gender, age, educational background, working years and contextual performance, so they did not need to be considered as control variables. To ensure the accuracy of the regression test, multicollinearity tests were performed to test for multicollinearity among the variables, as shown in Table 9.

Table 9: Multiple ollinearity tests

variable	variance inflation factor	tolerance
satis	1.360	0.735
effic	1.234	0.810
org	1.307	0.765
leader	1.232	0.812

The variance inflation factor, VIF, is the numerical value measuring the degree of complex collinearity between the observed values of the independent variables. The closer the variance inflation factor VIF is to 1, the less the multicollinearity effect. When the variance inflation factor VIF is less than 10 and the tolerance 1 / VIF is greater than 0.1 is satisfied, there is no collinearity problem between variables. According to Table 9, the variance expansion factor VIF is between 1 and 2, and the corresponding tolerance of 1 / VIF exceeds 0.1. It can be seen that there is no problem of multicollinearity among the variables.

# **4.2** The regression test

According to the results of correlation analysis, there is some correlation among the main variables, so the connection of variables is further explored through regression analysis to study the following contents: (1) the influence of pay satisfaction on contextual performance; (2) the mediating role of self-efficacy and organizational identification on pay satisfaction and contextual performance; (3) the moderating effect of leadership and emotional exhaustion on pay satisfaction and contextual performance.

# 4.2.1 Regression analysis of pay satisfaction on contextual performance

To examine the effect of pay satisfaction on contextual performance. First all control variables were included, and then the explanatory variable pay satisfaction, and the regression results are shown in Table 10. Model 1 included only the control variables in the regression test. According to Table 10, gender, age, educational background and work experience were not related, which showed that the influence of control variables should not be considered in the model of this study. Model 2 followed added pay satisfaction, showing a significant positive correlation between satis and perfor ( $\beta$ =0.221, p<0.01). When satis increases by 1 unit, perfor will increase by 0.221 units. Pay satisfaction has a significant impact on contextual performance, the higher the pay satisfaction, the higher the contextual performance is likely to be. The higher the pay satisfaction of employees, based on the social exchange theory and organizational citizenship theory, the more contextual performance will be created in return to promote self-growth and organizational development.

Table 10: Resu	ilts of the regression	on of pay satisfaction	on on contextual	l performance
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	model 1	model 2 perfor				
variable	perfor					
	Standardization coefficient	Standardization coefficient				
satis		0.221**				
gender	-0.010	0.006				
age	0.036	0.021				
edu	-0.070	-0.091				
work	0.009	0.027				
_cons	4.941	3.849				
$\mathbb{R}^2$	0.002	0.043				
F	0.110	1.860				
Note: **. At the 0.01 level (two-tailed), the correlation was significant.						

### 4.2.2 Mediating effect of self-efficacy and organizational identification

Using SPSS 27, sequential regression was used to test the mediation effect of self-efficacy. The judgment principle of mediation utility proposed by Baron and Kenny can be presented through

three models<sup>[50]</sup>:

perfor<sub>i</sub>=
$$\beta_0$$
+csatis<sub>i</sub>+Contrls+ $\epsilon_i$ ; i=1,2,... ...205 (1)

effic<sub>i</sub>=
$$\beta_1$$
+asatis<sub>i</sub>+Contrls+ $\epsilon_i$ ; i=1,2,... ...205 (2)

perfor<sub>i</sub>=
$$\beta_2$$
+c'satis<sub>i</sub>+beffic<sub>i</sub>+Contrls+ $\epsilon_i$ ; i=1,2,... ...205 (3)

In the above three models, perfor represents the contextual performance of the dependent variable, effic represents the mediator, and satis represents the independent variable pay satisfaction, when the regression coefficient a, b, c are significant, the mediation effect is established. If the coefficient c 'of the dependent variable is not significant, it indicates that self-efficacy is a complete mediating effect of pay satisfaction to contextual performance, that is to say, pay satisfaction can only affect contextual performance through self-efficacy; if the coefficient c' of the dependent variable is significant, indicating that self-efficacy is part of the mediating effect of pay satisfaction to contextual performance, that is to say, pay satisfaction can not only directly affect contextual performance, but also influence contextual performance through self-efficacy, the size of self-efficacy of the mediating variable is c-c '.

The results of mediation utility regression of self-efficacy between pay satisfaction and contextual performance are shown in Table 11. In Table 11, ecological showed a positive interaction in the significant positive correlation between satis and perfor ( $\beta$ =0.257, p<0.01). When effic increases by 1 unit, perfor will increase by 0.257 units. Self-efficacy plays a partial mediating effect on the relationship between pay satisfaction and contextual performance. In other words, pay satisfaction can directly affect contextual performance, and the higher the pay satisfaction, the more contextual performance employees will directly create. At the same time, the higher the pay satisfaction, the higher the sense of self-efficacy of employees, so as to improve the willingness and initiative to work and help colleagues, and create contextual performance.

Table 11: Mediation effects of self-efficacy and organizational identification

variable	model 1	model 2	model 3	model 4	model 5	model 6	
	perfor	perfor	effic	perfor	org	perfor	
	Standardization coefficient						
satis		0.221**	0.315***	0.141*	0.417***	0.130*	
effic				0.257**			
org						0.220**	
gender	-0.010	0.006	0.400*	-0.097	0.319	-0.064	
age	0.036	0.021	-0.057	0.036	0.006	0.020	
edu	-0.070	-0.091	0.057	-0.106	0.107	-0.115	
work	0.009	0.027	-0.026	0.033	0.005	0.026	
_cons	4.941	3.849	3.198	3.027	2.250	3.354	
$\mathbb{R}^2$	0.002	0.043	0.141	0.083	0.196	0.074	
F	0.110	1.860	5.880	2.860	8.220	2.710	
Note: *.p<0.1 **.p<0.01 ***.p<0.001							

Then, the mediating utility of organizational identification between pay satisfaction and contextual performance was studied. From Table 11 models 2, 5, 6, org plays a positive interaction in the significant positive correlation between satis and perfor ( $\beta$ =0.220, p<0.01). When org increases by 1 unit, perfor will increase by 0.220 units, and organizations agree that there is a partial mediating effect in the relationship between pay satisfaction and contextual performance. In other words, pay satisfaction can directly affect contextual performance, and the higher the pay satisfaction, the more contextual performance employees will directly create. At the same time, the

higher the pay satisfaction, the stronger the organizational identification of employees, and the trust and sense of mission in the organization motivate them to create contextual performance.

# 4.2.3 Moderating effect of leadership and emotional exhaustion

After examining the mediating effects of self-efficacy and organizational identification, the moderating effects of leadership and emotional exhaustion in the research model were examined. When the moderator leader was introduced, the interaction term between the explanatory variable pay satisfaction and the moderator leadership (satis\*leader) did not pass the significance test. Servant leadership does not strengthen or weaken the positive effect of pay satisfaction on self-efficacy. When the moderator emo was introduced, the interaction term between the explanatory variable pay satisfaction and the moderator emotional exhaustion (satis\*emo) also failed the significance test. Emotional exhaustion did not strengthen or weaken the positive effect of pay satisfaction on self-efficacy. Leadership and emotional exhaustion are not significant, which may be due to insufficient sample size, weak moderating effect and imperfect theoretical model.

### 5. Discussion

### **5.1 Conclusion**

Through the analysis of the data of 205 questionnaires, this study mainly reached the following conclusions. First, the pay satisfaction positively affects the contextual performance. Higher pay satisfaction satisfies employees' income expectations, which is conducive to spending energy into activities that generate contextual performance. Second, self-efficacy plays a mediating role in the relationship between pay satisfaction and contextual performance. Employees have higher pay satisfaction, stronger sense of self-efficacy, and stronger enthusiasm and initiative for surrounding performance behaviors such as completing work and helping others. Third, organizational identification plays a mediating role in the relationship between pay satisfaction and contextual performance. The higher the pay satisfaction of employees, the stronger the identity of the organization. The sense of mission and belonging to the organization promotes their work input and the organizational citizenship behavior of contributing to others. Fourth, the service-oriented leadership has no significant role in moderating pay satisfaction and contextual performance. Fifth, emotional depletion has no significant effect on the moderation of pay satisfaction and contextual performance.

### **5.2 Limitations**

In this study, the questionnaire research method is mainly used, which may be biased in group, quantity and other factors; the data quality may affect the accuracy due to the subjectivity of the applicant, and future studies can be tested by experimental method. At the same time, in addition to the variables selected and the influence paths explored in this paper, there are also other explanatory influence paths, waiting for more research supplements.

### **References**

<sup>[1]</sup> Ming-Chuan Chiu; Kong-Zhao Lin. Utilizing text mining and Kansei Engineering to support data-driven design automation at conceptual design stage[J]. Advanced Engineering Informatics, 2018.

<sup>[2]</sup> Muldoon J, Liguori E W,Bendickson J, et al. Revisiting perspectives on George Homans: correcting misconceptions [J]. Journal of Management History, 2018,24(1):57-75.

<sup>[3]</sup> Cropanzano R, Mitchell M S.Social exchange theory: An interdisciplinary review[J]. Journal of Management, 2005,

- 31(6):874-900.
- [4] Colquitt J A, Scott B A, Rodell J B, et al. Justice at the Millennium, a Decade Later: A Meta-Analytic Test of Social Exchange and Affect-Based Perspectives[J]. Journal of Applied Psychology, 2013, 98(2): 199-236.
- [5] Bateman T S,Organ D W.Job Satisfaction And The Good Soldier: The Relationship Between Affect And Employee "Citizenship" [J]. Academy of Management Journal, 1983, 26(4):587-595.
- [6] Lawler E.Pay and organizational effectiveness[M].New York: McGraw-Hill, 1971.
- [7] Xie Jianbin. Study on the relationship between performance compensation, compensation fairness and employee pay satisfaction[J]. Industrial Engineering and Management, 2014,19 (02): 35-39 + 46.
- [8] Weng Shuangli, Li Wei. Investigation and analysis of employee pay satisfaction and countermeasures—Taking Company A as an example [J]. Human Resource Development, 2017, (10): 230-231.
- [9] Li Chunling, Lin Bin, Zhang Xiaoting. Study on the sorting effect of overall pay satisfaction[J]. Journal of Beijing Technology and Business University (Social Science Edition), 2021,36 (04): 103-113 + 126.
- [10] Borman W C, Motowidlo S J.Expanding the criterion domain to include elements of contextual performance[A].In Schmitt N, Borman W C, eds.Personnel Selection in Organization[C].San Francisco, Jossey Bass, 1993.71-98.
- [11] Van Scotter, J.R., & Motowidlo, S.J. (1996). Interpersonal facilitation and job dedication as separate facets of contextual performance. Journal of applied psychology, 81(5),525-531.
- [12] Chen Shimin, Sun Peizhen, Duan Xinxing. The influence of charming leadership on relationship performance in the background of Chinese culture: the chain mediating role of conscientiousness and work input[J]. Chinese Journal of Clinical Psychology, 2017,25 (04): 747-749 + 767.
- [13] Chen Xiaojing, Jia Chenmin. Empirical study on the relationship between employee pay satisfaction and job performance[J]. Social Scientist, 2013, (03): 72-75.
- [14] Wu Hanmei. Senior executive team stability, employee pay satisfaction and enterprise innovation performance[J]. Accounting communication, 2021, (05): 75-79.
- [15] Xiao Qin, Luo Fan. Study on the impact of air traffic controller pay satisfaction on safety performance based on the dual mediation model[J]. Safety and Environmental Engineering, 2019,26 (02): 169-177.
- [16] Cheng Zhiwei. Research on the influence of organizational fairness and pay satisfaction on employee contextual performance[J]. Business Theory of China, 2016, (12): 159-160.
- [17] Bandura A.Self-efficacy toward a unifying theory of behavior change. Psychological Review, 1977, 84(2):191-215.
- [18] Lewisba, Williamsdm, Frayehal, et al. Self-efficacy versus perceived enjoyment as predictors of physical activity behavior. Psychology & Health, 2016, 31(4): 456-469.
- [19] Zhou Yan, Qian Huichi, Wang Nan. The influence of tacit knowledge sharing on the iant innovation of knowledge employees to study the chain mediation role of self-efficacy and work prosperity[J]. Scientific and technological Progress and Countermeasures, 2023,40 (11): 151-160.
- [20] Yu Guilan, Du Ningqiao. Impact of employee informal status on voice behavior behavior: chain mediation of competence trust and self-efficacy[J]. Journal of Northeast Normal University (Philosophy and Social Sciences Edition), 2023, (03): 130-140.
- [21] Wang Zhongming, Deng Jinzhao. Effect of performance pay sense and self-efficacy on pay satisfaction[J]. Applied Psychology, 2010,16 (04): 377-384.
- [22] Wang Yonggang, Ma Wenting. The influence of pilot driving skills, flight style and self-efficacy on safety performance[J]. China Safety Production Science and Technology, 2023,19 (11): 180-187.
- [23] Zhao Jingjie, Shao Defu, Yi Meng, et al. Coaching leadership, self-efficacy, and staff work performance[J]. The Southern Economy, the 2018,(03):99-112.DOI:10.19592/j.cnki.scje.351377.
- [24] Mael, F.&Ashforth, B.E. Alumni and Their Alma Mater: A Partial Test of the Reformulated Model of Organizational Identification [J]. Journal of Organizational Behavior, 1992, (2).
- [25] Cheney, G.On the Various and Changing Meanings of Organizational Membership: A Field Study of Organizational Identification[J]. Communication Monographs, 1983, (4).
- [26] Shen Jinhao, LAN Qianjun. organizational identification, job burnout and social workers' turnover intention—is based on the analysis of "China Social Work Dynamic Survey" (CSWLS2019)[J]. China Nonprofit Review, 2022,30 (02): 157-177.
- [27] Xiong Huibing, Tao Yujing. How the high performance work system affects employee innovation behavior—the role of organizational recognition and servant leadership[J]. Scientific and technological Progress and Countermeasures, 2024,41 (02): 130-140.
- [28] Huang Junle. The influence of pay satisfaction on employee organizational identification—The moderating effect of superior support[J]. Guangxi Quality Supervision Guide, 2019, (06): 142-144.
- [29] Shi Hongyan. A model study of organizational identification and contextual performance[J]. The Technology Vision, 2012,(28):90.DOI:10.19694/j.cnki.issn2095-2457.2012.28.058.
- [30] Guo Shenghao, Hu Qianqian. Mechanics tireless: innovation performance under organizational recognition and

- work prosperity[J]. Management Review, 2022,34 (01): 205-217.
- [31] Wang Fengqing. Leadership and leadership in business management[J]. Fortune Today, 2024, (01): 38-40.
- [32] Ehrhart M G.Leadership and Procedural Justice Climate as Antecedents of Unit-Level Organizational Citizenship Behavior[J]. Personnel Psychology, 2004,(1):61-94.
- [33] Bass B M, Riggio R E.Transformational leadership[M].London: Psychology Press, 2006.
- [34] Fu Jingtao, Liu Luyao, Zhang Liangting. The double-edged sword effect of laissez-faire leadership affecting employees' work remodeling[J]. Journal of Management, 2022,19 (05): 666-675.
- [35] Zheng Boxun, Zhou Lifang, Fan Jingli. Parnalistic Leadership Scale: Construction and measurement of ternary mode[J]. Local Psychology research, 2000,14:3-64.
- [36] Ye Baojuan, Cai Yutai, Liu Lu, et al. The impact of servant leadership on employee performance: a mediation model[J]. Chinese Journal of Clinical Psychology, 2021,29 (02): 242-245 + 241.
- [37] Wang Jiequn, Wu Wen, Lu Xiaohua. servant leadership and employee work performance: the mediating role of emotional trust[J]. Journal of Beijing Technology and Business University (Social Science Edition), 2017,32 (03): 104-111.
- [38] Spagnoli, P., and D.Molinaro. Negative (Workaholic) Emotions and Emotional Exhaustion: Might Job Autonomy Have Played a Strategic Role in Workers with Responsibility during the Covid-19 Crisis Lockdown? [J]. Behavioral Sciences, 2020, 10, (12):192.
- [39] Wang Shuhong, Wang Yiyang, Tang Yipeng, et al. Is the more privacy, the better? Research on the influence of supply and demand matching of office privacy on employees' emotional exhaustion and resignation intention[J]. Human Resources Development in China, 2023,40 (03): 65-80.
- [40] Xu Xiaofeng, Guan Haoguang, Wang Yihui. The impact of workplace exclusion on career satisfaction: the role of emotional exhaustion and career control[J]. Psychological Research, 2023,16 (03): 243-250.
- [41] Tan Deqing, Xu Shihong. The influence of overtime on employee performance study—the role of emotional exhaustion and employee psychological ownership[J]. Soft Science, 2023,37 (08): 59-65 + 85.
- [42] Li Hua, Guo Xiaoxing. Differentiated incentive study on task performance and contextual performance[J]. Modernization of Management, 2013, (05): 62-64.
- [43] Xiao Qin, Luo Fan. Study on the impact of air traffic controller pay satisfaction on safety performance based on the dual mediation model[J]. Safety and Environmental Engineering, 2019,26(02):169-177. DOI:10.13578/j. cnki.issn. 1671-1556. 2019.02.025.
- [44] Heneman H G, Schwab D P.Pay satisfaction:Its multidimensional nature and measurement[J].International Journal of Psychology, 1985, 20(1):129-141.
- [45] Van Scotter J R, Motowidlo S J.Interpersonal Facilitation and Job Dedication as Separate Facets of Contextual Performance[J]. Journal of Applied Psychology, 1996, 81(5):525.
- [46] Schwarzer R, Jerusalem M, Weinman J,et al.Generalized self-efficacy scale //WEINMAN J,WRIGHT S, JOHNSTON M.Measures in Health Psychology: A User's Portfolio.Causal and Control Beliefs.Windsor,UK: NFER-NELSON, 1995: 35-37.
- [47] Mael F, Ashforth B E.Alumni and their alma mater: a partial lest of reformulated model of organization identification[J]. Journal of Organizational Behavior, 1992, 13(2):103-123.
- [48] Liden, R.C., Wayne, S.J., Liao, C., & Meuser, J.D.(2014). Servant leadership and serving culture: Influence on individual and unit performance. Academy of Management Journal, 57(5), 1434-1452.
- [49] Li Chaoping, time survey. Impact of distributional equity and procedural equity on job burnout[J]. Psychologist, 2003, (05): 677-684.
- [50] Baron R M, Kenny D A.The moderator-mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations[J]. Journal of Personality and Social Psychology, 1986,51: 1173-1182.