

<http://ansinet.com/itj>

ITJ

ISSN 1812-5638

# INFORMATION TECHNOLOGY JOURNAL

**ANSI***net*

Asian Network for Scientific Information  
308 Lasani Town, Sargodha Road, Faisalabad - Pakistan

## The Study on Relations Between Organizational Justice, Employee Affection and Employees' Sense of Accomplishment

Fei Guan

Department of Business Administration, Henan Institute of Engineering,  
ZhengZhou, Henan, 45000, China

---

**Abstract:** Sense of Justice is an important psychological cognitive variable. Employee affection included in the employee competency is the key factor influencing the overall competitiveness of company. Employees are born with the sense of accomplishment. The objective of this article is to assess correlations between organizational Justice, employee affection and employees' sense of accomplishment. Based on the literature review on organizational Justice, employee affection and employees' Sense of accomplishment, conceptual model is structured. Then, reliability analysis is applied to check the consistency and dimensionality of the scale items. Multiple regression analysis is also performed to check relations of three models. We find that organization justice has significant effect and prediction function on employee affection and employees' sense of accomplishment, which means the extent of organization justice can help predict employees' affection and sense of accomplishment. Moreover, employee affection plays the partial moderating role, which means that the improvement of organization justice can promote the affection between employees and sense of accomplishment.

**Key words:** Organization Justice, employee affection, sense of accomplishment

---

### INTRODUCTION

Confronting complicated business environment, organization as the fundamental unit needs to sustain high creativity and cohesion. If the organization isn't fair and employees are lack of motivation, their affection and sense of accomplishment will be negatively affected. Research on organizational justice has 30 years of history and the research achievement is fruitful. Equity theory describes that employees will compare their own input and output with those of others, which focuses on the research of the rationality and fairness of pay distribution. Sense of fairness will directly influence employee work motivation and behavior. When employees feel they are treated unfairly, they will take the following six measures, which are to change input, change output, change their own cognitive, change for others opinions and selects another different referents and to quit the job. Moreover, Equity theory as one of the basic theory of motivation not only correlates with relations between superior and subordinates, overall work atmosphere, team cohesion, organization performance and enterprise sustainability, but also directly or indirectly affects employee behavior, satisfaction and conscientiousness, thereby organization performance will also be affected.

Research on human relation in organization behavior mainly concentrates on the view of conflict. Traditional

view holds that conflict mainly results from factors such as poor communication and being lack of trust and honesty. There is still controversy on whether conflict has positive or negative effect on organization performance. Human relations school identify that conflict is unavoidable and conflict can be accepted and become reasonable. Interaction scholar thinks the conflict style will determine whether conflict has positive or negative effect on organization performance.

### THERETICAL FOUNDATION AND HYPOTHESIS

Early equity mainly focuses on the fairness of pay distribution and its effect on employee output. Greenberg(1993) proposed the concept of procedure justice through the research of different judicial procedure towards the extent of result satisfaction, which consists of controlling procedure and decision procedure. Some scholars also propose different dimensions of equity. For example, interactive equity theory started by Bies and Moag (1986), who emphasizes the interaction and communication fairness between superiority and personnel. Greenberg (1993) proposes the concept of interpersonal justice and informational justice. Interpersonal justice emphasizes that employees can obtain fair personal treatment in the process of communication. In addition, information justice focuses of

the channel of the available information. Liu *et al.* (2003) finds that organization justice has significantly positive correlation with organization commitment, subjective performance, satisfaction, citizenship behavior and turnover intention through exploring the effect of organization justice on variables of organization effectiveness, which also has strong predictability. Fu *et al.* (2010) concludes that for the organization justice structure under Chinese background, interactive justice is the most important that can facilitate employee performance, organization commitment and organization citizenship behavior. It's obvious that no matter the performance or the organization will result in the high sense of accomplishments. Therefore, organization justice has positive effect on employees' sense of accomplishment.

Employees' affection is similar to human relations, affection and organization climate. Employee affection mainly refers to the perception of justice, support, human relations and employee status approval. Empirical scholars find that employees' turnover intention and satisfaction with job correlates highly with organization affection, which can act on the employee perception of work context and job satisfaction description. Research on employee affection mainly focuses on individual emotion character, which generally believes can be divided into positive emotion and negative emotion. Yong *et al.* (2006) describes that in a certain compensation range, satisfaction of positive affection with high level is greater than that of the low level. However, when the compensation level is extremely low, satisfaction of positive affection with high level is less than that of the low level. Personal affection will influence job satisfaction and happiness. Besides, good organization climate can significantly facilitate company innovation, organization change and team invisible knowledge sharing.

The highest demand of people is self-fulfillment, which defines that the ideality, ambition and self-capability can be development to the highest level. This self-fulfillment can be called sense of accomplishment. Employee affection plays the positive role in high cohesion and mental health. In addition, emotional exchange has significant effect on interactive justice, which means that the better exchange quality and relations between subordinates and superiority is, the better is the perceived interactive justice of subordinates. Based on the above discussion, the following four hypotheses are proposed. The research model is shown in Fig. 1.

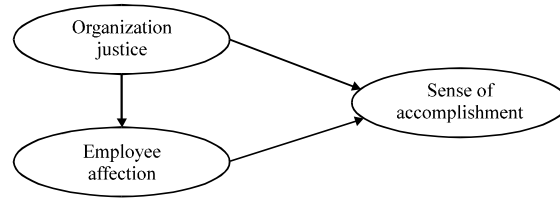


Fig. 1: Conceptual model

- **H1:** Organization justice has significant positive effect on employees' sense of accomplishment
- **H2:** Organization justice has significant positive effect on employee affection
- **H3:** Employee affection has significant positive effect on accomplishment
- **H4:** Employee affection mediates the relationship between organization justice and sense of accomplishment

## METHODS

**Samples and procedures:** The sampling frame consisted of governmental units, scientific research institutes, finance and manufacturing industries to complete questionnaires by posting, E-mail and visiting. Data collection yielded 800 questionnaires. After dropping surveys completed by individuals not fully answered or given invalid answers, a useable sample of 639 questionnaires was utilized in this study (valid response rate 88.62%). Sample collection can be seen in Table 1.

**Sample design:** This sample questionnaire consists of 18 items, with each 6 items for organization justice, employee affection and employees' sense of accomplishment. Seven rank score is used to evaluate statements using 7 for mostly matched and 1 for strongly unmatched. Organization justice scale refers to the scale designed by Niehoff and Moorman (1993). Employee affection and employees' sense of accomplishment scale mainly refers to the scale designed by David (2010). Employee affection scale is measured by colleague collaboration, communication, reasonable competition and harmonious human relations. Employees' sense of accomplishment is measured by six factors, which are the challenging work, new skill obtaining, execution power and the realization of job importance, appreciation of performance and proud feeling of job. Cronbachs Alpha of each scale is 0.879, 0.883 and 0.915. According to the view of Bryman and Cramer (1997), the sample has good validity with the Cronbach Alpha being 0.8 or above, shown in Table 2.

**Table 1: Sample distribution**

Statistical item	Sample situation	Sample amount (639)	Percentage (%)
Gender structure	Male	341	53.4
	Female	298	44.6
Organization style	government units	134	21.0
	scientific research institute	168	26.3
	Finance industry	238	37.2
	Manufacturing industry	99	15.5
Age structure	Below 20 years	2	0.3
	21-30 years	335	52.4
	31-40 years	214	33.5
	41-50 years	79	12.4
	51 years above	9	1.4
Qualification structure	High school or below	38	5.9
	Diploma degree	139	21.8
	Bachelor degree	345	54.0
	Master degree	103	16.1
	Doctor degree	14	2.2

**Table 2: Test scale**

Scale	Items	KMO	?
Organization justice	A1 compared with similar job, pay is very competitive	0.831	0.879
	A2 benefit is above the average level, compared with similar job		
	A3 Superiority treat subordinates respectfully and approachably		
	A4 Superiority can provide satisfactory work condition		
	A5 my reward is appropriate with my qualification		
	A6 I am treated fairly in my company		
Employee affection	B1 company encourages cooperation between individual and team and Employees are always taking the responsibility	0.883	0.883
	B2 organization is always encouraging communication		
	B3 competition between colleagues is virtuous and good for organization development		
	B4 you and your colleague are closely connected		
	B5 you and your colleague are always cooperating well. Conflict can be solved together		
	B6 Climate of study is strong between colleagues. you appreciate and learn with each other,		
Employees' sense of accomplishment	C1 organization can provide potential promotion opportunity for employees	0.896	0.915
	C2 superior reasonably inspects employees. Initiative is the key for subordinates to accomplish jobs		
	C3 superior can widely appreciate employees and continuously motive the potential capability of employees		
	C4 superior is always attempting to communicate with subordinates and encouraging employees' participation		
	C5 Superior encourages subordinates to totally engage in overall work		
	C6 your current job content can continuously motivate your enthusiasm on job		

**Results:** Organization justice scale extracts one common factor, the characteristic value of which is 3.762 and explained variable is 62.7%. Employee affection scale extracts one factor, the characteristic value of which is 3.9 and explained variable is 63.5%. Employees' sense of accomplishment scale and organization justice scale extract one common factor, the characteristic value of which is 4.227 and explained variable is 70.5%. It's turned out that these three scales are in accordance with the nature of one dimension measuring tool. In addition, Pearson correlation coefficient under each item and scale at the level of 0.01 is significantly correlated, which can explain that validity of sample structure is quite good and less information is lost. From Table 3-5, we can find Pearson correlation coefficient under each item and scale.

Because sample of organization justice, employee affection and employees' sense of accomplishment has high reliability and validity and can satisfy the need of individualized treatment, calculation of mean is applied.

(Alexander and Ruderman, 1987) Table 6 indicates the correlation coefficient, mean and variance of each variable. Industry character correlates highly with employee affection and employees' sense of accomplishment. Gender correlates negatively with employee accomplishment at the level of 0.05. Age correlates negatively with organization justice and employees' sense of accomplishment at the level of 0.05. Moreover, years of enrollment correlates negatively with all three variables and qualification correlates with organization justice significantly at the level of 0.05.

Proposed hypothesis is tested by hierarchical regression model (Table 7). Firstly, industry character, gender, age, enrollment duration and qualification are defined as controllable variable and model 1 is obtained to take employee affection as dependent variable. Secondly, based on model 1, organization justice as independent variable is added based on model 1. Thirdly, employees' sense of accomplishment is taken as dependent variable

Table 3: Pearsons' coefficient for each item under organization justice scale

	A1	A2	A3	A4	A5	Factor loading
A1	-					0.771
A2	0.743**	-				0.774
A3	0.422**	0.465**	-			0.770
A4	0.411**	0.423**	0.667**	-		0.773
A5	0.568**	0.537**	0.527**	0.607**	-	0.832
A6	0.531**	0.525**	0.588**	0.572**	0.689**	0.827

\*\*\*Indicates significant correlation at 0.001 level; \*\*Indicates significant correlation at 0.01 level; \*Indicates significant correlation at 0.05 level

Table 4: Pearsons' coefficient for each item under employee affection scale

	B1	B2	B3	B4	B5	Factor loading
B1	-					0.812
B2	0.627**	-				0.780
B3	0.591**	0.571**	-			0.787
B4	0.501**	0.491**	0.475**	-		0.751
B5	0.543**	0.534**	0.582**	0.595**	-	0.828
B6	0.609**	0.514**	0.545**	0.554**	0.685**	0.812

\*\*\*Indicates significant correlation at 0.001 level; \*\*Indicates significant correlation at 0.01 level; \*Indicates significant correlation at 0.05 level

Table 5: Pearsons' coefficient for each item under employees' sense of accomplishment scale

	C1	C2	C3	C4	C5	factor loading
C1	-					0.844
C2	0.598**	-				0.759
C3	0.684**	0.628**	-			0.853
C4	0.655**	0.567**	0.724**	-		0.870
C5	0.627**	0.546**	0.618**	0.726**	-	0.850
C6	0.684**	0.531**	0.638**	0.689**	0.747**	0.855

\*\*\*Indicates significant correlation at 0.001 level; \*\*Indicates significant correlation at 0.01 level; \*Indicates significant correlation at 0.05 level

Table 6: Descriptive statistical analysis of variables and matrix of coefficient

Variable	1	2	3	4	5	6	7	8
Industry character	-							
Gender	0.045	-						
Age	0.005	--0.117**	-					
Enrollment duration	0.045	--0.009	0.695**	-				
Qualification	--0.382**	--0.189**	--0.182**	--0.283**	-			
Organization justice	0.070	--0.068	--0.087*	--0.262**	0.009*	-		
Affection between colleagues	0.108**	--0.018	--0.072	--0.222**	0.061	0.715**	-	
Sense of accomplishment	0.105**	--0.093**	--0.081*	--0.254**	0.062	0.779**	0.767**	
Mean	2.47	1.47	2.62	2.55	2.87	4.60	5.08	4.92
SD	0.99	0.50	0.76	1.26	0.83	1.12	1.00	1.16

\*\*\*Indicates significant correlation at 0.001 level; \*\*Indicates significant correlation at 0.01 level; \*Indicates significant correlation at 0.05 level

and industry character, gender, age, enrollment duration and qualification as controllable variable to get model 2. Fourthly, organization justice as independent variable adds to model3 and model4 is obtained. lastly, organization justice and employee affection add to model4 and model 5 is obtained. According to the test result, model 2 and model 4 indicate that organization justice has significant positive correlation with employee affection seen in model 2( $\beta = 0.698^{***}$ ,  $P = 0.000$ ) and employees' sense of accomplishment seen in model 4( $\beta = 0.754^{***}$ ,  $P = 0.000$ ). Therefore, hypothesis1 and hypothesis 2 are tested. Furthermore, in model 5( $\beta = 0.426^{***}$ ,  $P = 0.000$ ) it's turned out that employee affection correlates significantly with employees' sense of accomplishment. Therefore, hypothesis 3 is verified. Seen from model4 and model 5, when employee affection is introduced, influence coefficient of organization justice on performance reduces

from 0.754 to 0.456 which proves that employee affection plays part moderating role. Therefore, hypothesis 4 is accepted.

Next, linear regression analysis is applied to determine each path coefficient for model without controlled variable. Based on the model, there are two paths which are effect of organization justice and employee affection on employees' sense of accomplishment and the effect of organization justice on employee affection. According to Table 8, employee perception and employee affection play different roles in employees' sense of accomplishment. Organization justice is the most important, which has significant effect on employees' sense of accomplishment and employee affection. However, employee affection has similar effect on employees' sense of accomplishment and organization justice (Fig. 2).

Table 7: Mediating effect of employee affection test

Controlling variable	Employee affection employees' sense of accomplishment				
	Model 1	Model 2	Model 3	Model 4	Model 5
Industry character	0.142**	0.065*	0.134**	0.050	0.023*
Gender	0.002	0.033	---0.078**	-0.045	-0.059
Age	0.165**	0.040	0.174**	0.038	0.021**
Enrollment duration	---0.328***	---0.066	-0.375***	-0.092	-0.064*
Qualification	0.054	0.012	0.023	-0.021*	-0.027
independent variable					
Organization justice		0.698***		0.754***	0.456***
Mediating variable					
Employee affection					0.426***
ΔR <sup>2</sup>	0.072	0.514	0.104	0.612	0.700

\*\*\*Indicates significant correlation at 0.001 level; \*\*Indicates significant correlation at 0.01 level; \*Indicates significant correlation at 0.05 level

Table 8: Model path parameters and relative statistics

Dependent variable	Independent variable	β	t	p	F	R <sup>2</sup>	Adjusted R <sup>2</sup>
Employee accomplishment	Organization justice	0.471	15.091	0.000	731.627	0.697	0.696
	Employee affection	0.430	13.758	0.000			
Employee affection	Perceived justice of employee	0.641	25.84	0.000	668.197	0.512	0.511

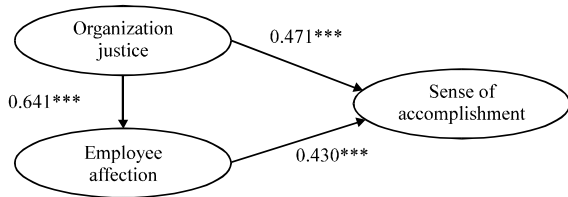


Fig. 2: Model path parameter

**CONCLUSIONS**

From the empirical study result, it's concluded that organization justice has significant effect and prediction function on employee affection and employees' sense of accomplishment, which means the extent of organization justice can help predict employees' affection and sense of accomplishment. Moreover, employee affection plays the part moderating role, which means that the improvement of organization justice can promote the affection between employees and sense of accomplishment.

The research result is of great value for business management practice in China. From the theoretical view, organization justice belongs to equity theory. However, employee affection and employees' sense of accomplishment belong to hierarchical needs theory. The theoretical value lies in the proof of both two motivation theory that's the equity theory and hierarchical theory are not separated with each other but interacts with each other and they have internal conformity. For business practice, organization justice system must be built and structured, such as ensuring distribution by reasonable approach, interaction between superiority and subordinates and fair channel for information available. Since the reform and open policy is executed, the absolutely fair distribution system has been broken. but

the recent distribution model seems to go for another extreme. Gap between different industry and position is great, which hurts employees' motivation and sense of accomplishment. Johnson *et al.* (2006). Therefore, fair environment is specially important to be built, which can not only improve employee affection but also enhance employees' sense of accomplishment and royalty. Next, it's important to manage affection, which in essence, is people first policy and the coordinated development of fully respect individual goals and organization objective. Affection management not only emphasizes the emotions between leaders and employees but also the inner team members and external emotion, which is in accordance with the reality of human sympathy and human relations. Emotion communication can help improve the feeling of the identity and responsibility of taking company as home. Thereby, great cohesion could be formed to promote the effectiveness of employees' sense of accomplishment. Platform can be constructed to strengthen employee affection and sense of identity towards organization to finally enhance employees' sense of accomplishment.

**REFERENCES**

Alexander, S. and M. Ruderman, 1987. The role of procedural and distributive justice in organizational behavior. *Social Justice Res.*, 1: 177-198.  
 Bies, R.J. and J.S. Moag, 1986. Interactional justice: Communication criteria of fairness. *Res. Negotiation Org.*, 10: 230-240.  
 Bryman, C. and D. Cramer, 1997. *Quantitative Data Analysis with SPSS for Windows: Guide for Social Scientists*. Routledge, London, ISBN-13: 978-0415147200, Pages: 336.

- David, S., 2010. *Motivating Employees: Gaining Profit Through Meeting the Key Needs of Employees*. People's University of China, Beijing.
- Fu, Y., W. Fei and C. Xing, 2010. Effect of compensation justice on employees responsibility. *Sci. Scient. Study Manage.*, 3: 173-178.
- Greenberg, J., 1993. *The Social Side of Fairness: Interpersonal and Informational Classes of Organizational Justice*. 3rd Edn., Lawrence Erlbaum Associates, Hillsdal, New Jersey.
- Johnson, R.E., C. Selenta and R.G. Lord, 2006. When organizational justice and the self-concept meet: Consequences for the organization and its members. *Org. Behav. Human Decision Processes*, 99: 175-201.
- Liu, Y., R. Longli and H. Ye, 2003. Impact of organization justice on organization outcome. *Manage. World*, 3: 126-132.
- Niehoff, B.P. and R.H. Moorman, 1993. Justice as a mediator of the relationship between methods of monitoring and organizational citizenship behavior. *Acad. Manage. J.*, 36: 527-556.
- Yong, Z., L. Yezheng and Y. Sun, 2006. Study on relations of positive affection, negative affection and compensation satisfactory. *Sci. Scient. Study Manage.*, 7: 152-156.