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## The Cross-Cultural Adaptability Investigation into the Relationship between Continuance Commitment and Job Performance

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### **Abstract:**

*The research aims at studying cross-culture adaptability into relationship between continuance commitment and job performance. Data for study were collected from 50 employees who were from different countries (China, Pakistan, Iran, Bangladesh, U.S.A, Belgium, Ghana, Nigeria, Tanzania, Kenya and Rwanda) at the University of Science and Technology of China. Correlation analysis was used to establish the relationship of variables in two hypotheses; H1 and H2. Multiple regression analysis was also adopted to test the relationship between independent variables (Cross-cultural adaptability, continuance commitment and intrinsic motivation) and dependent variable (Job performance) in H3:H4: and H5:*

**Keywords:** Cross-Cultural Adaptability, Continuance Commitment, Job Performance

### 1. Introduction

Nowadays, the world is becoming a global village; people have been brought closer together with technological achievements of this modern time. It means that people from different parts of the world and with different cultural background are working and communicating together. This fact is in a way interesting, but dealing with people from different cultures requires knowing cultural diversities; for instance, the way we deal with them; what we say and what we should avoid saying; how to communicate and to be aware of the cultural taboos because what is accepted in one culture might not be accepted in another (Kawar, 2012).

The concept of culture has been stated in different ways. Dolan and Lingham (2012) states that, culture can be defined as a set of values and commonly held beliefs that determine which behaviors are acceptable and expected for a given group. And thus countries, religious and ethnic groups, and organizations all have cultures. This definition is on the same line with Schein's (2004) definition that states, culture as abstraction, yet the forces that are created in the social organizational situations that derive from culture are powerful.

#### 1.1. Cross Culture

Cross-cultural could easily be understood literally, from different cultures. It refers to the phenomenon born by market globalization; companies go out of their countries to other countries to do business, bring their culture with the companies to another culture, which means cross-culture (McClelland, 1973). International firms are good example of cross-culture; they do business internationally, every time they enter into new country, cross-culture happens with it. There is a wide gap between the way of conceptualize and operationalize culture in cross-cultural studies, it might be due to the difficulties caused by definitions and measurements of such complex and multidimensional construct (Kitayama, 2002; Schaffer and Riordan, 2003; Taras, Rowney, and Streeb, 2009). Culture is conceptualized with different faces that encourage peoples' behavior through exposed values from their interaction with their external environment (D'Andrade, 1981; Geertz 1973; Hannerz, 1992). According to Earley, 2006; Shenkar, 2001, cultural differences is seen as a predominantly measured using national variances, with associated prescriptive and predictive capabilities (Allik and Realo, 2009; Hofsted, 1991; House et al., 2004; Oller-Malaterre, Valcour, Den Dulk and Kossek, 2013).

In order for the international companies to undergo cross-cultural management, the managers should clearly understand the differences and similarities of their own and destination's culture so that they can overcome the conflicts generated from culture differences; during the process of management, the managers need to learn and promote the way of management according to the new knowledge they learn from cross-culture management experiences (Jing, 2010).

Wang, (2009) stipulates that, cross-cultural management is not a new concept; it is originated in the ancient international trade and business exchanges. As early as ancient times, the ancient Egyptians, Phoenicians, and Greeks began overseas trade, and knew how to business with people with different culture backgrounds. To the Renaissance, the Danish, British, and other European merchants had established a worldwide commercial group; when they were dealing with people from other culture backgrounds, they would be sensitive with their language, beliefs and habits to avoid the conflicts so that

they could achieve smooth transactions. Coffey, Trew and Trigunarsyar (2012) explain the four-cross-cultural management; involvement, consistency, adaptability and mission depicted on dimensional organizational culture model. This study considered only adaptability cultural management.

### 1.2. Cross-Cultural Adaptability

Denison's organizational culture model is based on four cultural traits involvement, consistency, adaptability and mission that have been shown in the literature to have an influence on organizational performance (Denison, 1990; Denison & Mishra, 1995). This study investigated only one trait "adaptability" in the relationship between continuance commitment and organizational performance.

According to Ward (2006), adaptation refers to the process of altering one's behavior fit within a new environment and circumstances or positive response to social pressure. Cross-cultural Adaptability is an effective outcome because it represents response to social pressure (Black, Ferzandi, Gregersen and Shafer, 2006). When individual moves out of home cultural settings have to be adjusted in unfamiliar settings to perform better. It is stipulated by Burke, Pierce and Salas (2006) that, cross-cultural adaptability is to be achieved on three levels; individual, team and organization. Ironically, organizations that are well integrated are often the most difficult ones to change. Internal integration and external adaption can often be odds. Adaptable organizations are driven by their employees, take risks and learn from their mistakes, and have capability and experience at creating changes (Nadler, 1998). The employees are seen to undergo continuously changing the system so that they are improving the organization's collective ability to provide value for their customers (Stalk, 1998).

Adaptability predicts employee commitment more than any other organizational culture traits. Employees are more committed to organizations that adapt changing circumstances. Organizations should encourage innovation and team work among employees that will enable employees to adapt in an environment of change, thereby improving their commitment (Ikyanyon & Nongo, 2012). The researcher of this study decided to use individual adaptability because it presents the solid base for team and organizational adaptability and is directly affected by willingness of individuals to interact with other employees. According to Kelley and Meyers, (1995b) an individual who is culturally adaptable recovering easily when situations go bad, enjoy the opportunity of being exposed to the different behavior of other cultures and maintain personal identity when exposed to different cultural values. As argued by Cateora and Ghauri (2006) that, adaptation does not necessary mean that companies or organizations have to give up their ways and completely change to conform to local customers. Instead, the key adaptation is to remain oneself, and simultaneously develop an understanding and willingness to accommodate to the cultural differences, which might cause anxiety, frustration and misunderstanding of the host's intentions. Browaeys and Price (2008) further emphasized the importance of understanding the characteristics of the host country's culture; "if awareness of cultural differences is consciously raised, then the ability to analyze the effectiveness of employing business policies in differing cultural environment is considerable improved".

### 1.3. Continuance Commitment

Continuance commitment is among the three-component model of organizational commitment developed by Allen and Meyer (1990), Meyer and Allen (1991, 1997), Herscovitch and Meyer (2001). Other two identified dimensions of organizational commitment are affective and normative. Allen and Meyer (1990) as cited by Erez, Holtom, Lee, Mitchell, and Sablinski (2001) explain that the three-dimensional model (affective, continuance and normative) is the most current and widely used. Jaros, Jermier, Koehler and Sincich, (1993), differentiated normative commitment from affective and continuance commitment. There is similarity between normative commitment and moral commitment. Normative commitment is a sense of obligation or duty towards the organization. Normative commitment differs from continuance commitment because it is not dependent on the investments that employees have put into organization in the form of time and effort. It is also stated by Becker, Randall and Reigel (1995) that, the three dimensions of organizational commitment are not mutually exclusive. Individuals can establish any one, or a combination of all of three dimensions of commitment. These three dimensions of organizational commitment differ from each other based on their underlying motives and outcomes; that is why the researcher of this study decided to consider only one dimension "*continuance commitment*" in relation to job performance.

Continuance commitment is defined by Allen and Meyer (1997) as "awareness of the cost associated with leaving the organization". This type of commitment is calculated in nature because of individual's perception or weighing of costs and risks associated with leaving the current organization. Meyer and Allen (1991) further stipulate that, "employees whose primary link to the organization is based on the continuance commitment remain because they need to do so". The lack of alternatives element states the more specific an employee's skills become to a particular organization the less likely they will leave (Scholl, 1981). Wiener (1982) argues that anything that increases perceived costs can be considered as an antecedent; the felling to remain in the organization may result from an individual prior to his entry into the organization.

Continuance commitment in a particular way is an instrumental attachment to the organizations, where the individual's association with the organization is based on an assessment of economic benefits gained (Beck & Wilson, 2000). The concept is based on Becker's Side-Bet Theory (1960) and described as the need component or the gains versus losses of working in an organization. The Side-Bet Theory states that when individuals remain in the employment of an organization for long period, they accumulate investments which become costly to lose when an individual leaf an organization.

#### 1.4. Job Performance

Business dictionary defines job performance as a work performance in terms of quantity and quality expected from each employee. Commitment of employees can be an important instrument for improving job performance in an organization. In most of organizations the high rate of stress leads to lower satisfaction and in turn produces very low organizational commitment (Elangovan, 2001). According to Byars and Rue, (2000) job performance refers to the kind of outcomes after a job finished. It represents the levels of achievement of each job. Chang, Huang, Tsao and Wang (1997) and Hsu, (2005) stipulate that, job performance is an employee's overall work outcomes including efficacy, efficiency and effectiveness. It is the willing to perform, capacity to perform and opportunity to perform the three factors to influence job performance (Blumberg and Pringle, 1982). It is also stipulated by Linn and LePine, (1998) that official regulations can be an evaluation basis for job performance. Moreover, some previous studies have recognized that organizational commitment can be independent variable with job satisfaction as dependent variable (Bateman & Strasser, 1984).

#### 1.5. Intrinsic Motivation, Affective Motivation and Performance

Van Knippenberg (2000) stipulates that, motivation is among the factors for helping employees to perform proficiently. Researchers have distinguished between intrinsic motivation and extrinsic motivation (Frey & Jegen, 2001; Melancon, & Noble, 2010; Pierce, Cameron, Banko & So, 2003); according to Amabile, Hill, Hennessey & Trighe, (1994), Intrinsic motivation is understood as the inspiration which emanates from the inherent nature of the job whilst extrinsic motivation is the incentive to do a job driven by external factors. Intrinsic motivation originates within the individual who learns for the joy, satisfaction and sense of accomplishment (Yokoch, 2003). This study specifically focused on intrinsic motivation as Asad and Dainty (2005) found that employees are largely motivated by intrinsic factors and that it is these factors which contribute to their retention.

According to Forgas (2001), theoretical contributions on affective motivation have suggested that affective is a subjective awareness that may determine whether individual stimuli perform an action. Previous research suggests that releasing affective motivation may either lead to beneficial or detrimental outcomes (Baron, Tang & Hmieleski, 2011; Baron, Henry and Hmieleski, 2012; Cardon, Sudek and Mittenens, 2009). It is suggested by these authors that the nature of extreme affective motivation can be beneficial in meeting more challenging goals, providing innovative ways to solve problems and producing high levels of commitment to organizational goals. According to Lawrence and Tsai (2011); Ramau, Rose and Wei (2012) motivation helps in cultural adaption due to the reason that higher motivational have an intrinsic interest in other cultures and expect to be successful in cultural diverse situations.

#### 1.6. Cross-Cultural Adaptability and Job Performance

There is an argument by Bliese and Ployhart (2006) that, cross-cultural adaptability consists of ability, skills, disposition, willingness to change or to fit along with different tasks, social and environment features. Cross-Cultural Adaptability in working place reduces stress and strain which in turn may improve job performance (Kraimer, Jaworski and Wayne 2001; Kumar, Ramalu and Rose, 2010; Ramalu, Wei and Rose, 2011). According to Paulsson, Ivergard and Hunt, 2005; Karaevli and Hall (2006) Motivation helps in Cross-Cultural Adaptability because employees with higher motivational have an intrinsic interest in other cultures and expected to be successful in culturally diverse situations. Adaptability depicts the ability of organization in translating the demands of the business environment into action (Coffey, Trew and Trigunarsyah, 2012).

## 2. Empirical Literature Review

Research on cross-cultural adaptability has probably been of the most explored fields of study as the new millennium began (Hammer *et al*, 2003). Bhawuk and Brislin (1992) explain that, "to be effective in another culture, people must be interested in other cultures, must be sensitive enough to notice culture differences, and willing to modify behavior as an indication of respect for people of other culture".

There are few major studies that have concerned cross-cultures into relationship between continuance commitment and job performance. Organizations should introduce norms and values facilitate success in performance (Karrer-Rueedi, 1997; Kotter and Heskett, 1992). The studies by Lee and Sukoco (2010) and Sri Ramalu, Che Rose, Uli and Kumar (2010), Ang *et al* (2007) and Ang *et al* (2004) that all targeted to research about the cross-cultural management particularly cultural intelligence in relation to job performance found that there is a significant positive relationship between culture intelligence and job performance. Meeting the role of expectations (continuance commitment) is an important element in the assessment of individual's job performance (Katz & Kahn, 1978). In the international assignments, individuals often receive poor job performance evaluation from supervisors when they have different culture background, do not understand cultural differences in role expectations and do not conform to role expectations (Stone-Romero, Stone, & Salas, 2003). Their findings are in the same line with Barrick and Mount's (1991) that researched on domestic extraversion personality is more reliable in predicting performance specifically in the sales contexts that require interaction with others. Barrick and Mount found that individuals high on cultural intelligence have the capabilities to gather and manipulate information, draw inferences and enact on cognitive, emotive or behavioral actions in response to cultural cues of the host country (Early & Ang, 2003). According to Bhaskar *et al* (2005), organizations need to take necessary action to improve cross-cultural adjustment so that a higher level of performance achieved. Cohen (2003). Kotter and Heskett (1992) conducted a study concerning cross-cultural adaptability

using 207 firms, over a five-year period to examine the relationship of strong culture and performance and found only a modest correlation. Moreover, companies with cultures suited to their market environment performed better. According to the study by Gotwan *et al*(1992) that demonstrated using data, from management surveys of 11 US insurance firms in 1981, both a strong culture regardless of content and substantive value placed on adaptability are associated with better performance for two to subsequent years on two criteria measures of assets and premium growth rates from 1982 to 1987. Beer *et al* (1984), Meyer and Allen (1997), Ricketta (2002), Namutebi (2006) and Murlis (2007) all have written about employee benefits and effect on continuance commitment in the past decade. Luthans, McCaul and Dodd (1985), explain that organizational commitment will significantly and positively affect to job performance.

### 2.1. Research Hypothesis

In order for the researcher to investigate the cross-cultural into relationship between continuance commitment and job performance, the following presumed relationship will be tested;

- H1: There is a significant relationship between cross-cultural adaptability and continuance commitment.
- H2: There is a significant relationship between intrinsic motivation and affective commitment.
- H3: Continuance commitment will have a relationship and affect job performance.
- H4: Cross cultural adaptability will positively affect and significantly to job performance.
- H5: There is a significant relationship between intrinsic motivation and job performance.

## 3. Methods

### 3.1. The Research Area

The study was carried out at the University of Science and Technology of China. In this University people from different countries with different cultures are found. Some of these people have been employed and others come to get education as international students. This situation enabled the research to get valid data about the topic.

### 3.2. Target population, Sample Size and Data Collection

The target population in this study was made up of the employees with different cultures from different countries (*China, Pakistan, Iran, Bangladesh, U.S.A, Belgium, Ghana, Nigeria, Tanzania, Kenya and Rwanda*) in the University of Science and Technology of China. Sample size was made up with 50 participants who were the employees from mentioned countries. Data were collected by using the well-structured questionnaires with *close-ended* and *open-ended* questions.

### 3.3. Measures

For the purpose of measuring organizational culture particularly Cross-Cultural Adaptability (Denison, 2000), the organizational culture survey instrument items on a five Likert scale with anchors strong disagree =1; to strong agree=2 was used. This instrument was based on only one among the four cultural traits (involvement, consistency, adaptability and mission). The concerned culture trait was "adaptability".

In the case of continuance and affective commitment, a form of organizational commitment was measured with items developed by Meyer and Allen (1984). According to McGee and Ford (1987) the Meyer and Allen scale consists of two subscales, one measuring the sacrifices that individual must make to leave an organization, the other measuring the options and alternatives the individual perceives. Responses were made with five-point scales ranging from 1, "strong disagree" to 5, "strong agree".

To measure intrinsic motivation, an item-scale developed by Amabile *et al* (1994) to measure intrinsic and extrinsic motivation was used. An example of an item with regard to intrinsic motivation is "What matters most to me is enjoying what I do". The answer categories ranged from 1-strong disagree to 5 strong agree.

To measure performance, the study adopted the performance measurement process based on the indicators identified by Kaplan and Norton (1993) respectively Ittner and Larcker (2003), a list of financial and non-financial indicators. The respondents were asked to what extent the indicators from the list were used to measure performance using the 1-5 Likert scale.

### 3.4. Data Analysis

The study employed correlation coefficient analysis to test the two hypotheses (H1 & H2). First, the analysis used to establish the relationship between cross-cultural adaptability and continuance commitment (H1); second, to establish the relationship between intrinsic motivation and affective commitment (H2). Correlation coefficients provide linear relationship between two variables; it can be positive or negative. Cramer and Howitt (2006) stipulate that, a positive correlation indicates that high scores on one variable go with high scores on the other variable. On other side, a negative correlation shows that high scores on one variable go with low scores on another variable. The correlation coefficient normally lies between (-1.0) and (+1.0). Always coefficient closed to (0.0) represents weak relationship. The bigger the correlation leads to the higher the relationship. The coefficients that close to (+1.0 and -1.0) usually illustrate strong relationship. It is argued by Howitt and Cramer (2006) and Cronk (2008) that, correlations greater than 0.7 are usually considered as being large, strong or big. The

authors continue to argue that correlation less than 0.3 are considered as being small, weak or low while those between 0.3 and 0.7 are regarded as moderate or modest.

Multivariate analysis employed multiple linear regression analysis models for establishing relationship between job performance and three independent variables (Continuance commitment, cross-cultural adaptability and intrinsic motivation). According to Pallant (2005), multiple linear regression analysis allows the prediction of one variable from two or more than two variables. In this study, multiple analysis was used to test three hypotheses (H3: H4: and H5).

The regression model equation which was used is described below;

$$Y = a + b_1X_1 + b_2X_2 + b_3X_3 + b_4X_4 \dots\dots\dots$$

Y = Dependent Variable (Job performance)

Xs = Independent Variables

a = Y intercept, where the regression line crosses the Y axis

b<sub>1</sub> = the partial slope for X<sub>1</sub> on Y

X<sub>1</sub> = Cross-Cultural Adaptability

X<sub>2</sub> = Continuance Commitment

X<sub>3</sub> = Intrinsic Motivation

### 4. Results

#### 4.1. Correlation Coefficient Analysis

- H1: There is a significant relationship between cross-cultural adaptability and continuance commitment

The summary of the Pearson's correlation analysis at 95% confidence interval so as to establish the relationship between cross-culture adaptability and continuance commitment (H1) is illustrated in Table 1. The summary shows that, there is a positive correlation in cross-cultural adaptability at magnitude of 0.263 with continuance commitment at a magnitude of 0.263. The independent variables also had positive significant correlation relationship with P-values of 0.065 and 0.065 respectively. This finding demonstrates that the stronger the cross-culture adaptability, the higher the organization commitment particularly continuance commitment of employees in the University of Science and Technology of China.

		Cross-cultural Management	Continuance Commitment
Cross-cultural adaptability	Pearson Correlation	1	.263*
	Sig. (2-tailed)		.065
	N	50	50
Continuance commitment	Pearson Correlation	.263*	1
	Sig. (2-tailed)	.065	
	N	50	50

\*. Correlation is significant at the 0.05 level (2-tailed).

Table 1: Correlations Analysis between cross-cultural adaptability and continuance commitment

Source: Field data, (2017)

- H2: There is a significant relationship between intrinsic motivation and affective commitment

The findings of correlation analysis between intrinsic motivation and affective commitment (H2) are summarized in Table 2. According to findings illustrated in Table 2 there is a negative correlation in intrinsic motivation magnitude of (-0.267) with affective commitment at magnitude of (-0.267). The independent variables show the moderate positive significant correlation relationship with P-values of 0.061 and 0.061 respectively. These findings imply that, the increase of one unit of intrinsic motivation in an organization lead to the decrease of one unit of affective commitment of employees.

		Cross-cultural management	Continuance commitment
Intrinsic motivation	Pearson Correlation	1	-.267*
	Sig. (2-tailed)		.061
	N	50	50
Affective commitment	Pearson Correlation	-.267*	1
	Sig. (2-tailed)	.061	
	N	50	50

\* Correlation is significant at the 0.05 level (2-tailed).

Table 2: Correlations Analysis between Intrinsic motivation and affective commitment

Source: Field data, (2017)

## 4.2. Multiple Regression Analysis of Determinants of Job performance (H3: H4 &amp; H5)

Variables	Std. Error	Coefficients	t-Ratios	sig
Continuance commitment	0.051	-.270	-2.318	0.025*
Cross-cultural adaptability	0.114	.382	3.221	0.002*
Intrinsic motivation	0.107	.484	4.193	0.000*
R <sup>2</sup> = 54.3%				
Adjusted R <sup>2</sup> =49.2%				
F-Value = 10.475				
NB: *means significant at 5% level, lowest level if significant				

Table 3: Results of multiple regression analysis on determinants of job performance  
Source: Field data, (2017)

Based on Table 3 the regression model fits the data well because the variables included jointly explained equation was significant (F-Value = 10.475) with R square (R<sup>2</sup>) of 54.3%. This means the regression model significantly predicts the relationship between independent variables and job performance. In addition, these results reveal that the regression model is the good fit.

The study was interested to establish the relationship between continuance commitment and job performance. To achieve this relationship multiple linear regression analysis was employed. The results in Table 3 show that the coefficient of continuance commitment (-0.270) was significant ( $p=0.025$ ) and negatively affect job performance.

The study wanted to assess also the relationship that exists between cross-cultural adaptability and job performance. The output of multiple linear regression analysis in Table 3 illustrates that the coefficient of cross-cultural adaptability (0.382) was significant ( $p=0.002$ ) and positively affect job performance.

I thought also to find out if there was a statistical significant between intrinsic motivation and job performance (H5 :). Table 3 presents that the coefficient of intrinsic motivation (0.484) was significant (0.000) and positively affect job performance.

## 5. Discussion

Based on the findings of this paper, the stronger the cross-culture adaptability, the higher the organizational commitment particularly continuance commitment of employees (Chow, Harrison, Mckinnon and Wu, 2001). It is also agreed by Delima (2009) that organizational culture had a positive and significant effect on the organizational commitment of employees. The applied model in this paper confirmed that adaptive culture comes with organizational efforts for changes and constant commitment of employees (Cramton and Hinds, 2004). The study had found that the adaptability of cross-culture facilitates changes in continuance commitment of employees. Since, cross-cultural adaptability is grounded in reflexive learning for questions activities, norms and goals (Argyris and Schon, 1978, 1996). Moreover, there is a negative correlation in intrinsic motivation with affective commitment. This finding supports the findings by Berg (2011) which found a significant negative relationship between intrinsic motivation and affective commitment. Based on this result, the higher the score of intrinsic motivation go with the lower the score on affective commitment.

The study also implies that the relationship between continuance commitment and job performance in an organization is certainly not straightforward. These findings are in line with the study by Clarke (2006) on the commitment and network performance, it was discovered that continuance commitment was negatively related to network performance. The finding also matches to the study by Paunonen, Gellatly, Goffin and Jackson (1989) that found affective commitment was positively significant to performance while continuance commitment was negatively significant to performance. Continuance commitment will therefore be the strongest when availability of alternatives is few and the number of alternatives are high (Best, 1994). This view supports the argument that when given better alternatives for promoting commitment, instead of remaining the employees may leave the organization hence negatively affects performance. The findings oppose to Liou (2008) study which found that a high commitment environment improves employees' retention and performance rate, reduces operating costs and promotes employees' performance. The strong organizational commitment causes employees to work harder in order to achieve the objectives of organization (Allen and Meyer, 2004). Low commitment leads to high turnover and higher commitment leads to performance (Meyer, 2009; Meyer and Parfyonova, 2010).

The result implies that, increase of culture adaptability would result into increase into an increase of job performance in the University of Science and Technology of China. These findings support the study by Lagat and Ng'eno (2017) that found the significant positive relationship between adaptability culture trait and performance of commercial banks in Kenya. The frequent changes in cultural practices facilitate sharing of values and encourage employees to assume changes as their normal work state (Antonio et al., 2017).

This result reveals that intrinsic motivation significantly predicts change in positive outcomes. The result is in line with the result by Hewett (2011) that found intrinsic, integrated and identified motivations are positively related to outcomes. The finding supports an idea proposed by Porter and Lawler (1968) in Expectation theory that, intrinsic motivation is likely to have a stronger relationship with higher performance than extrinsic motivation because intrinsic motivation is inherent in the task whereas extrinsic motivation rely on someone else to administer and are therefore likely to have a lower expectation.

## 6. Conclusion

On the basis of findings, the study establishes that there is a significant relationship between cross-culture adaptability and continuance commitment of employees in the University Science and Technology of China, as it is also concluded by Spreitzer (1995) that executives, managers, and employees are committed to their work and feel that they are among the owners of the organization. This study argues that cross-cultural adaptability enhances the relationship between the employees themselves and working environment which facilitates their continuance commitment and encourages them to remain in the organization for a long time.

The study also establishes the correlation between intrinsic motivation and affective commitment in the university of science and technology of China. It was also concluded by Bojic (2013) that rewards aimed at increasing job satisfaction by assuring just procedures could be very effective in producing higher levels of organizational commitment among IT professionals.

The study establishes the significant positive relationship between cross-cultural adaptability and job performance, this conclusion matches to Kumar's, Rose's and Subramanian's (2008); Ramalu's, Wei's and Rose's (2011) and Nafei (2013) conclusions that states, managers and employees who have an ability of adapting other cultures are positively influence job performance. The study concludes that, cross-culture adaptability can also enable the organization learning from their mistakes, and have capability and experience at creating changes, the created changes would influence positively employee and student's performance.

The study revealed that, there is a significant relationship between intrinsic motivation and job performance, as it was concluded by Ijah (2013) that, human performance of any sort is improved by increase in motivation. Based on the findings of this study, it can be easily inferred that intrinsic motivation should be a concern of employees

## 7. References

- i. Allen, N. & Meyer, J. (1984). Testing the side-het theory of organizational commitment: Some methodological considerations, *Journal of Applied Psychology*, 69: 372-378.
- ii. Allen, N. J & Meyer, J. P. (1990). The measurement and antecedents of affective, continuance, and normative commitment to the organization. *Journal of Occupational Psychology*, 63: 1-18.
- iii. Allik, J., & Realo, A. (2009). Personality and culture. *European Journal of Personality*, 23(3), 149e152.
- iv. Amabile, T.M., Hill, K.G., Hennessey, B.A. & Tighe, E.M. (1994, Vol. 66, No. 5). The Work Preference Inventory: Assessing Intrinsic and Extrinsic Motivational Orientations. *Journal of Personality and Social Psychology*, 950-967.
- v. Amabile, T.M., Hill, K.G., Hennessey, B.A., & Tighe, E.M. (1994). The work preference inventory: Assessing intrinsic and extrinsic motivational orientations. *Journal of Personality and Social Psychology*, 66(5), 950–967.
- vi. Ang, S., Van Dyne, L., Koh, C., & Ng, K. Y. (2004). The Measurement of Cultural Intelligence. Paper presented at the 2004 Academy of Management Meetings Symposium on Cultural Intelligence in the 21st Century, New Orleans, LA.
- vii. Ang, S., Van Dyne, L., Koh, C., Ng, K. Y., Templer, K. J., Tay, C., & Chandrasekar, N. A. (2007). Cultural Intelligence: Its measurement and Effects on Cultural Judgment and Decision Making, Cultural Adaptation, and Task Performance. *Management and Organization Review*, (3), 335-371.
- viii. Antonio J., Verdu-Jover. Lirios Alos-Simo, Jose-Maria Gomez-Gras (2017), Adaptive culture and product/service innovation outcomes. *European Management Journal*.33: 1-11
- ix. Argyris, C., & Sch€on, D. A. (1978). *Organizational learning: A theory of action perspective*. Reading, MA: Addison Wiley.
- x. Argyris, C., & Sch€on, D. A. (1996). *Organizational learning II: Theory, method, and practice*. London: Addison-Wesley.
- xi. Asad, S., & Dainty, A.R.J. (2005). Job motivational factors from disparate occupational groups within the UK construction sector: a comparative analysis. *Journal of Construction Research*, 6(2), 223–236.
- xii. Baron, R. A., Hmieleski, K. M., & Henry, R. A. (2012). Entrepreneurs' dispositional positive affect: The potential benefits - and potential costs - of being "up". *Journal of Business Venturing*, 27(3), 310-324.
- xiii. Barrick, M. R., & Mount, M. K. (1991). The Big Five personality dimensions and job performance. *Personnel Psychology*, 41, 1-26.
- xiv. Bateman T.S., and Strasser S. (1984), A Longitudinal Analysis of The Antecedents of Organizational Commitment, *Academy of Management Journal*, 27 (1), 95-112
- xv. Beck, N & Wilson, J (2000). "Development of affective organizational commitment: A cross sequential examination of change with tenure", *Journal of Vocational Behavior*, vol. 56, pp. 114-136.
- xvi. Becker, B., & Gerhart, B. (1996). The impact of human resource management on organizational performance: Progress and prospects. *Academy of Management journal*. 39 (4), 779-801

- xvii. Becker, H.S. 1960. Notes on the concept of commitment. *American Journal of Sociology* 66:32-40.
- xviii. Becker, T. E. (1992). Foci and bases of commitment: Are they distinctions worth making? *Academy of Management Journal*, 35: 232-244.
- xix. Becker, T.E., Randall, D.M. & Reigel, C.D. (1995). "The multidimensional view of commitment and the theory of reasoned action: A comparative evaluation". *Journal of Management*, 21(4), 616-639.
- xx. Bennett, M., Hammer, M., & Wiseman, R. (2003). Measuring intercultural sensitivity: The intercultural development inventory. *International Journal of Intercultural Relations*, 27, 421-443.
- xxi. Bhaskar-Shrinivas, P., Harrison, D. A., Shaffer, M. A., & Luk, D. M. (2005). Input-based and time-based models of international adjustment: Meta-analytic evidence and theoretical extensions. *Academy of Management Journal*, 48, 259-281.
- xxii. Bhawuk, D., & Brislin, R. (1992). The measurement of intercultural sensitivity using the concepts of individualism and collectivism. *International Journal of Intercultural Relations*, 16, 413-436.
- xxiii. Black S.J., Shaffer M.A., Harrison D.A., Gregersen H, Ferzandi L.A. (2006), you can take it with you: Individual differences and expatriate effectiveness. *Journal of Applied Psychology*, Vol. XCI, No. 1, 109-125.
- xxiv. Blumberg, M., & Pringle, C. D. (1982). The missing opportunity in organizational research: Some implications for a theory of work performance. *Academy of Management Review*, 7, 560-569.
- xxv. Bojic, S.R. (2013), Determinant of Commitment: A Study of Multinational IT Company. School of Management, Blekinge Institute of Technology. 50 pp.
- xxvi. Browaeys, M. & Price, R. (2008). *Understanding cross-cultural management*. London: Prentice Hall.
- xxvii. Busco, C., Ribacconi, A. And Scapens, R. (2006). Trust for Accounting and Accounting for Trust, *Management Accounting Research*, Vol. 17, N.1: 11-41.
- xxviii. Byars, L. L., & Rue, L. W. (2000). *Human resource management*. New York: McGraw-Hill, Inc.
- xxix. Cardon, M. S., Sudek, R., & Mitteness, C. (2009). The impact of perceived entrepreneurial passion on angel investing. *Frontiers of Entrepreneurship Research*, 29(2), 1.
- xxx. Chang, H. C., Tsao, G. Y. Huang, Y. C., Huang, T. C., & Wang, B. C. (1997). *Human resource management*. Taipei, Taiwan: HwaTai.
- xxxi. Chow, C.W., Harrison, G.L., McKinnon, J.L. & Wu, A. (2001). Organizational culture: association with affective commitment, job satisfaction, propensity to remain and information sharing in a Chinese cultural context. *Center for International Business Education and Research*, 111, 1-27.
- xxxii. Clarke. N. (2006), the relationships between network commitment, its antecedents and network performance, *Management Decision*, 44 (9), 1183-1205
- xxxiii. Coffey, V. Trew, A. and Trigunarsyah, B. (2012) *Organizational Culture*. Working paper proceedings
- xxxiv. Coffey, V. Trew, A. and Trigunarsyah, B. (2012) *Organizational Culture*. Working paper proceedings
- xxxv. Cohen, A., (1993). „Organizational Commitment and Turnover: A Meta-Analysis“, *Academy of Management Journal*, October 1993, pp. 1140-57;
- xxxvi. Cramton, C. D., & Hinds, P. J. (2014). An embedded model of cultural adaptation in global teams. *Organization Science*, 25(4), 1056e1081.
- xxxvii. Cullen, J.B. and K.P. Parboteeah. (2008). *Multinational Management: A Strategic Approach*. South Western Publisher, USA.
- xxxviii. D'Andrade, R. G. (1981). The cultural part of cognition. *Cognitive Science*, 5, 179e195.
- xxxix. Delima, A.S. 2009. *Pengaruh Budaya Organisasi dan Kepuasan Kerja terhadap KomitmenOrganisasional Pegawai KPP Pratama Jakarta Menteng Dua*. Tesis. UI.
- xl. Denison, D. R. (2000). Organizational culture: Can it be a key lever for driving organizational change. In S. Cartwright & C. Cooper (Eds.), *the handbook of organizational culture*. London: John Wiley & Sons.
- xli. Denison, D. R., & Mishra, A. K. (1995). Toward a theory of organizational culture and effectiveness. *Organization Science*, 6(2), 204–223.
- xl.ii. *Development*. Unpublished doctoral dissertation, University of North Carolina at Chapel Hill.
- xl.iii. Dolan, S. and Lingham, T., (Ed). (2012). *Introduction to International Organizational Behavior*. Logan Ltd
- xl. iv. Earley, C. (2006). Leading cultural research in the future: a matter of paradigm and taste. *Journal of International Business Studies*, 37(6), 922e931.
- xl. v. Employee Benefits and Continuance Commitment in the Nigerian Manufacturing Industry. *IOSR Journal of Business and Management (IOSR-JBM)*. Volume 16, Issue 2. Ver. II (Feb. 2014), PP 69-74
- xl. vi. Erez E., Mitchell T.R., Holtom, B.C., Lee, T.W., Sablinski, C.J., (2001). Why people stay: Using job embeddedness to predict voluntary turnover. *Academy of Management Journal*, 44, 1102–1122.
- xl. vii. Forgas, J. P. (2001). *Feeling and thinking: The role of affect in social cognition*. Cambridge University Press. Baron, R.
- xl. viii. Frey, B.S., & Jegen, R. (2001). Motivation crowding theory: A survey of empirical evidence. *Journal of Economic Surveys*, 15(5), 589–611.
- xl. ix. Geertz, C. (1973). The interpretation of cultures. New York: Basic Books. Gelfand, M. J., Erez, M., & Aycan, Z. (2007). Cross-cultural organizational behavior. *Annual Review of Psychology*, 58, 479e514.



- I. Ghauri, P.N. & Cateora, P. (2006). *International marketing*. London: McGraw-Hill.
- li. Gotwon, G., Ditomaso, N. (1992). Predicting corporate performance from organizational culture. *Journal of Management Studies*.Vol. 29(6), 783-798.
- lii. Hannerz, U. (1992). *Cultural complexity: studies in the social organization of meaning*. New York: Columbia University Press.
- liiii. Hewett, R. (2011), *Examining the relationship between workplace rewards and the quality of motivational experience; a Self-Determination Theory Perspectives*. School of Management, Royal Holloway, University of London. 402 pp
- liv. Hofstede, G. (1991). *Cultures and organizations: software of the mind*. London: McGraw-Hill.
- lv. House, R. J., Hanges, P. J., Ruiz Quintanilla, S. A., Dorfman, P. W., Javidan, M., & Dickson, M. (2004). Cultural influences on leadership and organizations: project GLOBE. *Advances in Global Leadership*, 1, 171e233.
- lvi. Hsu, P. Y. (2005). *The research of the influence of cross-cultural on the job performance: The case on Philippine & Thailand laborin high-tech industry*. Unpublished master's thesis, National Cheng Kung University, Taiwan.
- lvii. Hunt, S. D., & Morgan, R. M. (1994). Organizational commitment: One of many commitments or key mediating construct? *Academy of Management Journal*, 37: 1568-1587.
- lviii. Ijah, A. (2013). The Influence of Motivation on Employees' Performance: A Study of Some Selected Firms in Anambra State. *An International Journal of Arts and Humanities Bahir, Ethiopia*. Vol 2(3) 134-151
- lix. Ittner, C., Larcker, D. (2003), "Coming up short on nonfinancial performance measurement", *Harvard Business Review*, November, pp. 88-95
- lx. Jaros, S., Jermier, J., Koehler, J. & Sincich, T. (1993). Effects of continuance, affective, and moral commitment on the withdrawal process: An evaluation of eight structural equation models. *Academy of Management Journal*, 36, 951-995.
- lxi. Jing P. (2010), *Cross-cultural Human Resource Management*. Case Company: Penta Chutian Laser Equipment Co., Ltd. University of Applied Sciences.
- lxii. Kaplan, R.S., Norton, D.P. (1993), "Putting the Balanced Scorecard to Work", *Harvard Business Review*, September-October, pp. 134-147
- lxiii. Karaevli A., Hall D.T. (2006), How career variety promotes the adaptability of managers: A theoretical model. *Journal of Vocational Behavior*, Vol. LXIX, No. 3, 359-373.
- lxiv. Karrer-Rueedi, E. (1997). Adaptation to change: Vertical and horizontal integration in the drug industry. *European Management Journal*, 15(4), 461-469.
- lxv. Katz, D., & Kahn, R. L. (1978). *The social psychology of organizations*. (2nd Ed.). New York: Wiley
- lxvi. Kawar. T. I. (2012), Cross-cultural Differences in Management. *International Journal of Business and Social Science*. Vol. 3 No. 6; pg105-106.
- lxvii. Kelley C., Meyers J., (1995b), the Cross-Cultural Adaptability Inventory. Minneapolis, MN: National Computer Systems.
- lxviii. Key E (2003). Performance Evaluation Is the Most Important Case, "Dialogue", Idea, The Result, Human Resources, Istanbul, Turkey: Life Publishing.: 33.
- lxix. Kitayama, S. (2002). Culture and basic psychological processes-toward a system view of culture: comment on Oyserman et al. (2002). *Psychological Bulletin*,
- lxx. Kotter, J. P., & Heskett, J. L. (1992). *Corporate Culture and Performance*. New York: Free press.
- lxxi. Kotter, J. P., & Heskett, J. L. (1992). *Corporate culture and performance*. New York: The Free Press.
- lxxii. Kraimer M.L., Wayne S.J., Jaworski R.A. (2011), Sources of support and expatriate performance: The mediating role of expatriate adjustment. *Perspective Psychology*, Vol. LIV, No. 1, 71-99
- lxxiii. Kumar N. Rose R.C., Ramalu S.S., and Uli J., (2010), Expatriate performance in international assignments: The role of cultural intelligence as dynamic intercultural Competency. *International Journal of Business and Management*, Vol. V, No. 8, 76-85.
- lxxiv. Kumar N., Rose C.R., & Subramanian (2008), The effects of personality and cultural intelligence on international assignment effectiveness: A review. *Journal of Social Science*, Vol. IV, No. 4, 320-328.
- lxxv. Lagat C., and Ng'eno V., (2017), Effect of Organizational Culture on Job Performance in Commercial Banks in Kenya. *International Journal of Economics, Commerce and Management*. 47, 21-28.
- lxxvi. Lawrence N. & Tsai T. (2011), the relationship between cultural intelligence and cross-cultural adaptation of international students in Taiwan. *International Conference of Management (ICM) proceeding*, 569-583.
- lxxvii. Lee, L. Y. & Sukoco, B. R. (2010). The effects of cultural intelligence on expatriate performance: The moderating effects of international experience. *The International Journal of Human Resource Management*, 21(7), 963-981.
- lxxviii. Levy, P. E. (2003). *Industrial/Organizational psychology: Understanding the workplace*. Boston, MA: Houghton Mifflin.
- lxxix. Linn, V. D., & LePine, J. A. (1998). Helping and voice extra-role behaviors: Evidence of construct and predictive validity. *Academy of Management Journal*, 41(1), 108-119.
- lxxx. Liou, Shwu-Ru (2008) An Analysis of the Concept of Organizational Commitment. *Nursing Forum* Volume 43, No. 3, July-September 2008 pp. 116-125
- lxxxi. Luthans, F., McCaul, H. S., & Dodd, N. G. (1985). Organizational commitment: A comparison of American, Japanese, and Korean employee. *Academy of Management Journal*, 28, 213-219.

- lxxxii. Malaterre, A., Valcour, M., Den Dulk, L., & Kossek, E. E. (2013). Theorizing national context to develop comparative work-life research: a review and research agenda. *European Management Journal*, 31(5), 433e447.
- lxxxiii. McGee, G., & Ford, R. (1987). Two or more dimensions of organizational commitment: Reexamination of the affective and continuance commitment scales. *Journal of Applied Psychology*, 59: 87-89.
- lxxxiv. Melancon, J.P., Noble, S.M., & Noble, C.H. (2010). Managing rewards to enhance relational worth. *Journal of the Academy Marketing Science*, 39(3), 341–362.
- lxxxv. Meyer, J & Allen, N (1997) *Commitment in the workplace. Theory, Research and Applications*, Sage Publications, United States of America.
- lxxxvi. Meyer, J. P. (2009). Commitment in a changing world of work. In H. J. Klein, T. E. Becker, C. & Meyer, J. P. (Eds.), *Commitment in organizations: Accumulated wisdom and new directions* (pp. 37–68). Florence, KY: Routledge/Taylor and Francis Group.
- lxxxvii. Nadler, D. & Nadler, M. B. (1998). *Champions of change: How CEOs and their companies are mastering the skills of radical change*. San Francisco: Jossey-Bass.
- lxxxviii. Neely A.D. (1997). Designing Performance Measures: A Structured Approach. *International Journal of Operations & Production Management*. 17(11) pp1131-1152.
- lxxxix. Nongo, E.S. and Ikyanyon, D.N. (2012). The Influence of Corporate Culture on Employee Commitment to the organization. *International Journal of Business and Management*. 7 (22); 1-8
- xc. Paulsson K., Ivergard T., Hunt B. (2005), learning at work: Competence development or competence stress. *Applied Ergonomics*, Vol. XXXVI, No. 2, 135-144.
- xcii. Pierce, W.D., Cameron, J., Banko, K.M., & So, S. (2003). Positive effects of rewards and performance standards on intrinsic motivation. *The Psychological Record*, 53, 561–579.
- xciii. Ployhart R.E, Bliese P.D., (2006), Individual adaptability (I-Adapt) theory: Conceptualizing the antecedents, consequences and measurement of individual differences in adaptability. In: SC Burke LG, Pierce and E Salas (eds.), *Understanding adaptability: A prerequisite for effective performance within complex environments* (Advances in human performance and cognitive engineering research). Bingley, U. K.: Emerald, VI, 3-39.
- xciv. Porter, L. W., & Lawler, E. E. (1968). What job attitudes tell about motivation? *Harvard Business Review*, 46(1), 118–126.
- xcv. Ramalu S.S., Wei C.C, Rose D.R. (2011), the effect of cultural intelligence on cross-cultural adjustment and job performance amongst expatriates in Malaysia. *International Journal of Business and Social Science*, Vol. II, No. 9, 59-71.
- xci. Schaffer, B. S., & Riordan, C. M. (2003). A review of cross-cultural methodologies for organizational research: a best-practices approach. *Organizational Research Methods*, 6(2), 169e215.
- xcvi. Schein, H.E. (2004). *Organizational culture and leadership*. John Wiley & Sons, Inc.
- xcvii. Scholl, R. W. (1981). Differentiating organizational commitment from expectancy as a motivating force. *Academy of Management Review*, 6(4): 589-599.
- xcviii. Shenkar, O. (2001). Cultural distance revisited: towards a more rigorous conceptualization and measurement of cultural differences. *Journal of International Business Studies*, 32(3), 519e535.
- xcix. Spreitzer, G. M. (1995). Psychological empowerment in the workplace: Dimensions, measurement, and validation. *Academy of Management Journal*, 38(5), 1442-1465.
- ci. Sri Ramalu, S., Che Rose, R., Kumar, N., & Jegak Uli (2010). Doing Business in Global Arena: An Examination of the Relationship between Cultural Intelligence and Cross-Cultural Adjustment. *Asian Academy of Management Journal*, 15(1), 79-97.
- cii. Stalk, G. (1988). Time - the next source of competitive advantage. *Harvard Business Review*, 1988, Jul-Aug, 41-51.
- ciii. Stone-Romero, E., Stone, D. L., & Salas, E. (2003). The influence of culture on role conceptions and role behavior in organizations. *Applied Psychology: An International Review*, 52, 328–362.
- civ. Tang A.J., & Hmieleski K. M. (2011). The downside of being 'up': Entrepreneurs' dispositional positive affect and firm performance. *Strategic Entrepreneurship Journal*, 5(2), 101-119.
- cv. Taras, V., Rowney, J., & Steel, P. (2009). Half a century of measuring culture: review of approaches, challenges, and limitations based on the analysis of 121 instruments for quantifying culture. *Journal of International Management*, 15(4), 357e373.
- cvi. Van Knippenberg, D. (2000). Work motivation and performance: A social identity perspective. *International Association for Applied Psychology*, 49(3), 357–371.
- cvi. W.A. Nafei (2013). The impact of cultural intelligence on employee job performance: An empirical study of King Abdul-Aziz Hospital in Al-Taif Governorate, Kingdom of Saudi Arabia. *International Journal of Business and Management*, Vol. 8, No. 1, 26-43.
- cvi. Wang, C. (2009). Cross-Cultural Management Brainstorm. *Modern Economic Information*, vol. 15, p. 1-2
- cvi. Wiener, Y (1982), "Commitment in organizations: a normative view", *Academy of Management Review*, vol. 7, no. 3, pp. 418-428.
- cix. Yokochi, Laura. (2003). *Affective Variables in Second Language Acquisition: A Critical Review of the Literature*. West Virginia University, online publication. Pp. 1-3, 14-29.