

**THE RELATIONSHIP BETWEEN WORK ENGAGEMENT, PERCEIVED
ORGANIZATIONAL SUPPORT AND ORGANIZATIONAL CITIZENSHIP
BEHAVIOR AT ZUN UTARA INDUSTRY SDN. BHD.**

By

CHAN SAY YEU

**Thesis Submitted to
Othman Yeop Abdullah Graduate School of Business,
Universiti Utara Malaysia,
in Partial Fulfilment of the Requirement of the Master of Science (Management)**

PERMISSION TO USE

In presenting this dissertation in partial fulfilment of the requirements for a Post Graduate degree from the University Utara Malaysia (UUM), I agree that the Sultan Bahiyah Library of this university may make it freely available for inspection. I further agree that permission for copying this dissertation in any manner, in whole or in part, for scholarly purposes may be granted my supervisor(s) or in their absence, by the Dean of Othman Yeop Abdullah Graduate School of Business where I did my dissertation. It is also understood that any copying or publication or use of this dissertation parts of it for financial gain shall not be allowed without my written permission. It is also understood that due recognition shall be given to me and to the UUM for any scholarly use which may be made of any material in my dissertation.

Request for permission to copy or to make use of materials in this dissertation in whole or in part should be addressed to:

Dean of Othman Yeop Abdullah Graduate School of Business
Universiti Utara Malaysia
06010 UUM Sintok
Kedah Darul Aman

ABSTRACT

The purpose of this study is to identify the correlation between work engagement and perceived organizational support (POS) towards organizational citizenship behavior (OCB) at Zun Utara Industry Sdn. Bhd. The study arises from the need to know the factors that can affect the OCB. This study is utilizing the quantitative approach and data collection was solely on questionnaire. The sampling of data collection is based on Zun Utara Industry Sdn. Bhd., the manufacturer of chest freezer and bottle cooler. Work engagement was measured with 10-items. POS was measured with 8-items. OCB was measured with 10-items. All dimensions were measured with Five Point Likert Scale. A total of 80 sets pre-printed questionnaires was distributed, 76 sets questionnaires were returned and valid to process. The data was analyzed by using Statistical Package for Social Science (SPSS) version 19.0. Technique of data analysis used in this study including frequency analysis, descriptive analysis and reliability analysis. The Pearson Correlation was applied to test the hypotheses developed and investigate the correlation between independent variables and dependent variable. Besides, multiple regression analysis is conducted to analyze the relationship between independent variables and dependent variable. From the research finding, it provides better understanding of the factor influence the OCB in manufacturing sector. The findings revealed that work engagement was statistically and significantly affect to OCB. Some of the recommendations for future research have been provided for improvement.

Keywords: Work Engagement, Perceived Organizational Support, Organizational Citizenship Behavior, Manufacturing Sector.

ABSTRAK

Kajian ini adalah bertujuan untuk mengenalpasti perhubungan di antara penglibatan kerja dan penyerdaran sokongan organisasi terhadap tingkah laku kewarganegaraan organisasi dalam Zun Utara Industry Sdn. Bhd. Kajian ini timbul daripada keperluan untuk mengetahui faktor-faktor yang boleh menjelaskan tingkah laku kewarganegaraan organisasi. Kajian ini menggunakan pendekatan kuantitatif dan pengumpulan data adalah bertumpu kepada soal selidik. Persampelan pengumpulan data adalah berdasarkan kepada Zun Utara Industry Sdn. Bhd., sebuah penghasil peti sejuk dingin beku. Penglibatan kerja diukur dengan menggunakan 10-item. Penyerdaran sokongan organisasi diukur dengan menggunakan 8-item. Tingkah laku kewarganegaraan organisasi adalah diukur dengan 10-item. Semua pengukuran telah menggunakan ‘Five Point Likert Scale’. Sebanyak 80 set soal selidik bercetak telah diedarkan, antara 76 soal selidik telah dikembalikan dan sah untuk proses. Data yang dikutip telah dianalisis dengan menggunakan Pakej Statistik Untuk Sains Social (SPSS) versi 19.0. Teknik analisis data yang digunakan dalam kajian ini termasuklah analisis kekerapan, analisis deskriptif, dan analisis kebolehpercayaan. Koleksi Pearson telah digunakan untuk mungkuji hipotesis dan menyiasat hubungan antara pembolehubah bebas dan pembolehubah bersandar. Selain itu, analisis regresi berganda dijalankan untuk menganalisis hubungan rakan diantara pembolehubah bebas dan pembolehubah bersandar. Dari hasil kajian ini, ia membolehkan permahaman yang lebih mendalam tentang faktor yang mempengaruhi tingkah laku kewarganegaraan organisasi dalam sektor penghasilan. Dapatkan penyelidikan ini menunjukkan bahawa penglibatan kerja secara statistik, dengan ketaranya memberi kesan kepada tingkah laku kewarganegaraan organisasi. Beberapa cadangan telah diberi untuk penambahbaikan kajian yang akan datang.

Kata Kunci: Penglibatan Kerja, Penyerdaran Sokongan Organisasi, Tingkah Laku Kewarganegaraan Organisasi, Sektor Penghasilan.

ACKNOWLEDGEMENT

This report could not be accomplished without assistance and support of many lovely people.

First and foremost, I wish to express my deepest gratitude to Prof. Madya Dr. Norazuwa Binti Mat, who, with patient, understanding, encouragement and sincerity, gave me support and valuable advice throughout preparation for this paper. Her effort in coaching and guiding me to the success of the research is undeniable.

This report would also have not been completed without the participation of employees from Zun Utara Industry Sdn. Bhd. Their cooperation and participation in completing the questionnaires administrated is one of the contributors for success of this report. My special thanks to Ms. Teoh K. A. (the manager) in allowing me to conduct this study and also permitting me to obtain records and secondary data collection in the organization.

I am also grateful to all my family members especially my beloved parents and sisters for their understanding, trust and endless support to me in this research writing. Last but not least, I would like to place on record my appreciation for the many others who have helped me but not able to mention all of them here.

TABLE OF CONTENT

Title Page	
Certification of Project Paper	
Permission to Use	i
Abstract	ii
Abstrak	iii
Acknowledgement	iv
Table of Content	v-vii
List of Tables	viii
List of Figures	ix

CHAPTER ONE

INTRODUCTION

1.0	Introduction	1
1.1	Background of the Study	6
1.2	Problem Statement	10
1.3	Research Objectives	12
1.4	Research Questions	12
1.5	Significance of the Study	13
1.6	Definitions of Key Terms	15
1.6.1	Organizational Citizenship Behavior (OCB)	15
1.6.2	Work Engagement	15
1.6.3	Perceived Organizational Support (POS)	16
1.7	Organizations of Remaining Chapters	17

CHAPTER TWO

LITERATURE REVIEW

2.0	Introduction	18
2.1	Organizational Citizenship Behavior	18
2.2	Work Engagement	23
2.3	Perceived Organizational Support	27
2.4	The Relationships between Work Engagement and OCB	30
2.5	The Relationship between POS and OCB	32
2.6	Theoretical Framework	34
2.7	Research Framework	34

CHAPTER THREE

METHODOLOGY

3.0	Introduction	35
3.1	Research Design	35
	3.1.1 Type of Study	36
	3.1.2 Sources of Data	36
	3.1.2.1 Primary Data	36
	3.1.2.2 Secondary Data	37
	3.1.3 Unit of Analysis	38
3.2	Population and Sampling Design	38
3.3	Data Collection Procedures	40
3.4	Measurement and Instrumentation	41
3.5	Data Analysis Techniques	44
	3.5.1 Frequency Analysis	44
	3.5.2 Descriptive Statistics	44
	3.5.3 Reliability Analysis	44
	3.5.4 Normality Analysis	45
	3.5.5 Inferential Statistics	45
	3.5.5.1 Pearson Correlation Analysis	46
	3.5.5.2 Multiple Regression Analysis	47

CHAPTER FOUR

FINDING

4.0	Introductions	48
4.1	Overview of Data Collected	48
	4.1.2 Response Rate	48
4.2	Profile of Respondents	50
4.3	Reliability Analysis	54
4.4	Normality Analysis	55
4.5	Descriptive Analysis	56
4.6	Pearson Correlation Analysis	57
	4.6.1 H1: there is a significant relationship between work engagement and OCB	58
	4.6.2 H2: there is a significant relationship between POS and OCB	58
4.7	Multiple Regression Analysis	59
4.8	Summaries of Findings	60

CHAPTER FIVE

SUMMARY, RECOMMENDATION AND CONCLUSION

5.0	Introduction	61
5.1	Discussion	61
	5.1.1 Research question one: Does work engagement have relationship with OCB?	61
	5.1.2 Research question one: Does POS have relationship with OCB?	63
5.2	Limitation and Recommendation for Future Research	64
5.3	Conclusion	65

REFERENCES

66

APPENDIX A: Questionnaire

73

APPENDIX B: SPSS Output

78

LIST OF TABLES

Table 3.1: Table of Determining Sample Size from a Given Population	39
Table 3.2: Layout of the Questionnaires	42
Table 3.3: Distribution of Variables	43
Table 3.4: Rating Scale (Five Point Likert Scale)	43
Table 3.5: The Range of Cronbach's Alpha Value with Reliability	45
Table 3.6: Pearson's Indicate of Correlation	46
Table 4.1: Response Rate	49
Table 4.2: Respondent's Profile	50
Table 4.3: Result of Reliability Analysis	54
Table 4.4: Test of Normality	55
Table 4.5: Descriptive Statistics of the Variables	56
Table 4.6: Pearson's Correlation Analysis of Variables	57
Table 4.7: Pearson Correlation between Work Engagement and OCB	58
Table 4.8: Pearson Correlation between POS and OCB	58
Table 4.9: Multiple Regression Analysis of Independent Variables on OCB	59
Table 4.10: Model Summary of Dependent Variable	59
Table 4.11: Summary of Findings	60

LIST OF FIGURES

Figure 1.1: Organization's Management Levels	4
Figure 2.1: Research Framework	34
Figure 4.1: Response Rate of Questionnaire Distributed	49
Figure 4.2: Gender of Respondents	51
Figure 4.3: Age of Respondents	51
Figure 4.4: Respondent's Education Level	52
Figure 4.5: Designation of the Respondents	52
Figure 4.6: Tenure of Respondents	53

CHAPTER ONE

INTRODUCTION

1.0 Introduction

Organizational citizenship behaviors (OCB) is one of the important determinants and leading factors that contribute to overall organizational effectiveness and towards to the success of the organization in an intensity competitive environment. Organizational citizenship behaviors have a positive relationship on employee's performance and well being, and this in turn has noticeable flow-on effects on the organization (Zhang, 2011). According to Organ, Podsakoff and MacKenzie (2006), encourage organizational citizenship behaviors can lead to beneficial consequences such as enhance productivity, free up resources, creation of a motivating working environment and create social capital. Besides that, OCB is linked to low employees turnover rate and absenteeism, task satisfaction and increase organizational performance (Pablo, 2011; Abdallah, 2012; Jackson, Rossi, Hoover, & Johnson, 2012).

Organization is actively improved and encouraged this behavior among the workers or employees because this positive behavior able to contribute to overall organizational effectiveness and efficiency. There are many determinants or factors which are influential to the OCB within the organization. Different of task responsibility may influent the OCB level of

The contents of
the thesis is for
internal user
only

REFERENCES:

- Abdallah, M. E. (2012). Perceived organizational justice & work-related attitudes: a study of Saudi employees. *World Journal of Entrepreneurship Management & Sustainable Development*, 8(1), 71-88. Retrieved March 22, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=20425961&volume=8&issue=1&articleid=17024899&show=html>
- Alexandra, B. T. (2012). Perfectionism, self-efficacy & OCB: the moderating role of gender. *Personal Review*, 41(5), 590-608. Retrieved March 27, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=00483486&volume=41&issue=5&articleid=17042740&show=html>
- Alhyasat, K. M. K. (2012). The role of Islamic work ethics in developing organizational citizenship behavior at the Jordanian Press Foundations. *Journal of Islamic Marketing*, 3(2), 139-154. Retrieved January 13, 2014 <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=01425455&volume=29&issue=5&articleid=1621572&show=html>
- 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.
- Bakker, A. B. (2014). Arnoldbakker.com personal website. Retrieved January 13, 2014, from <http://www.arnoldbakker.com/workengagement.php>
- Bakker, A. B., & Schaufeli, W. B. (2003). Utrecht Work Engagement Scale. Retrieved January 13, 2014, from http://www.beanmanaged.com/doc/pdf/arnoldbakker/articles/articles_arnold_bakker_87.pdf
- Barnes, D. C., & Collier, J. E. (2013). Investigating Work Engagement in the Service Environment. *Journal of Services Marketing*, 27(6), 485-499. Retrieved April 20, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=08876045&volume=27&issue=6&articleid=17096583&show=html>
- Bateman, T. S., & Organ, D. W. (1983). Job Satisfaction and the Good Soldier: The Relationship between Affect and Employee Citizenship. *Academy of Management Journal*, 26(4), 587.
- Borman, W. C., & Motowidlo, S. J. (1993). Expanding the Criterion Domain to Include Elements of Contextual Performance. In N. Schmitt, W. C. Borman, & Associates (Eds.), *Personnel Selection in Organizations*, 71-98.
- Carolyn, T., & Paula, B. (2013). "I Like Being A Teacher." Career Satisfaction, the Work Environment and Work Engagement. *Journal of Education Administration*, 51(6), 768-789. Retrieved June 26, 2014, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=09578234&volume=51&issue=6&articleid=17096980&show=html>

- Connelly, C. E., Gallagher, D. G., & Webster, J. (2011). Predicting temporary agency workers' behaviors: justice, volition, and spillover. *Career Development International*, 16(2), 178-194. Retrieved March 19, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=13620436&volume=16&issue=2&articleid=1923800&show=html>
- Chein, H. M. (2004). An Investigation of the Relationship of the Organizational Structure, Employee's Personality and Organizational Citizenship Behaviors. *Journal of American Academy of Business, Cambridge*.
- Chen, Z. X., Eisenberger, R., Johnson, K. M., Sucharski, I. L., & Aselage, J. (n.d.). Perceived Organizational Support and Extra-role Performance: Which Leads to Which? *Journal of Social Psychology*. Retrieved March 27, 2013, from http://eisenberger.psych.udel.edu/files/POS_performance.pdf
- Dipaola, M. F., & Neves, P. M. M. C. (2009). Organizational citizenship behaviors in American and Portuguese public schools: measuring the construct across cultures. *Journal of Educational Administration*, 47(4), 490-507. Retrieved March 27, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=0957-8234&volume=47&issue=1&articleid=1770648&show=html>
- Dyne, L. V., & LePine, J. A. (1995). Predicting voice behaviour in work groups. *Journal of Applied Psychology*, 83(6), 853-868. Retrieved April 26, 2013, from <http://www.linnvandyne.com/papers/JAP%201998%20LePine%20Van%20Dyne%20Voice%20in%20groups.pdf>
- Eder, P., & Eisenberger, R. (2008). Perceived Organizational Support: Reducing the Negative Influence of Co-worker Withdrawal Behavior. *Journal of Management*. Retrieved April 29, 2013, from http://eisenberger.psych.udel.edu/files/Eder_Eisenberger_2008.pdf
- Eisenberger, R. (2008) Perceived Organizational Support. Retrieved April 26, 2013, from <http://eisenberger.psych.udel.edu/POS.html>
- Eisenberger, R., Armeli, S., Rexwinkel, B., Lynch, P. D., & Rhoades, L. (2001). Reciprocity of Perceived Organizational Support. *Journal of Applied Psychology*, 86(1), 42-52. Retrieved April 29, 2013, from http://eisenberger.psych.udel.edu/files/05_Reciprocity_of_Perceived_Organizational_Support.pdf
- Eisenberger, R., Cummings, J., Armeli, S., & Lynch, P. (1997). Perceived Organizational Support, Discretionary Treatment, and Job Satisfaction. *Journal of Applied Psychology*, 82(5), 812-820. Retrieved April 26, 2013, from http://eisenberger.psych.udel.edu/files/15_Perceived_Organizational_Support_Discretionary_Treatment.pdf

Eisenberger, R., Fasolo, P., & Davis-LaMastro, V. (1990). Perceived Organizational Support and Employee Diligence, Commitment, and Innovation. *Journal of Applied Psychology*, 75(1), 51-59. Retrieved April 26, 2013, from http://eisenberger.psych.udel.edu/files/20_Perceived_Organizational_Support_and_Employee_Diligence.pdf

Elias, S. M., & Mittal, R. (2011). The Importance of Supervisor Support for A Change Initiative: An Analysis Of Job Satisfaction And Involvement. *International Journal of Organizational Analysis*, 19(4), 305-316. Retrieved March 8, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=19348835&volume=19&issue=4&articleid=1954647&show=html>

Erkutlu, H. (2011). The moderating role of organizational culture in the relationship between organizational justice and OCB. *Leadership and Organizational Development Journal*, 32(6), 532-554. Retrieved March 23, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=00483486&volume=34&issue=4&articleid=1505838&show=html>

Erturk, A. (2007). Increasing organizational citizenship behaviors of Turkish academicians: Mediating role of trust in supervisor on the relationship between organizational justice and citizenship behaviors. *Journal of Managerial Psychology*, 22(3), 257-270. Retrieved March 13, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=02683946&volume=22&issue=3&articleid=1597885&show=html>

Farooqui, M. R. (2012). Measuring Organization Citizenship Behavior (OCB) as a Consequence of Organizational Climate (OC). *Asian Journal of Business Management*, 4(3), 294-302. Retrieved from <http://maxwellsci.com/print/ajbm/v4-294-302.pdf>

Filipowich, M. (2014). What are the advantages and disadvantages of correlation research? Retrieved April 20, 2013, from http://www.ehow.com/info_8359597_advantages-disadvantages-correlation-research.html

Garg, P., & Rastogi, R. (2006). Climate profile and OCBs of teachers in public and private schools of India. *International Journal of Educational Management*, 20(7), 529-541. Retrieved April 24, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=0951354X&volume=20&issue=7&articleid=1572864&show=html>

Hutchison, S., Eisenberger, R., Huntington, R., & Sowa, D. (1986). Perceived Organizational Support. *Journal of Applied Psychology*, 71(3), 500-507. Retrieved April 26, 2013, from http://eisenberger.psych.udel.edu/files/22_Perceived_Organizational_Support.pdf

Ipek, K. T., & Arzu, K. R. (2012). Organizational & Supervisory Support In Relation To Employee Turnover Intentions. *Journal of Managerial Psychology*, 27(5), 518-534. Retrieved April 22, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=02683946&volume=27&issue=5&articleid=17038771&show=html>

- Jackson, E. M., Rossi, M. E., Hoover, E. R., & Johnson, R. E. (2012). Relationships of leader reward behavior with employee behavior: Fairness and morale as key mediators. *Leadership and Organization Development Journal*, 33(7), 646-661. Retrieved March 22, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=01437739&volume=33&issue=7&articleid=17054843&show=html>
- Jha, S. (2014). Determinants of Organizational Citizenship Behavior. *South Asian Journal of Global Business Research*, 3(1), 18-35. Retrieved June 26, 2014, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=20454457&volume=3&issue=1&articleid=17105546&show=html>
- Kahn, W. A. (1990). Psychological Conditions of Personal Engagement and Disengagement at Work. *Academy of Management Journal*, 33, 692-724.
- Kane, R. E., Magnusen, M. J., & Perrewé, P. L. (2012). Differential effects of identification on extra-role behavior. *Career Development Internationally*, 17(1), 25-42. Retrieved March 4, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=13620436&volume=17&issue=1&articleid=17015605&show=html>
- Kim, B. C., Losekoot, E., & Simon, M. (2013). "Consequences of empowerment among restaurant servers: Helping behaviors and average check size", *Management Decision*, 51(4), 781-794. Retrieved June 24, 2014, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=00251747&volume=51&issue=4&articleid=17087592&show=html#sthash.bxY5BgUm.dpuf>
- Krejcie, R. V., & Morgan, D. W. (1970). Determining Sample Size for Research Activities. Retrieved April 23, 2013, from <http://opa.uprrp.edu/InvInsDocs/KrejcieandMorgan.pdf>
- Law, S. K., Wong, C., & Chen, X. Z. (2005). The Construct of Organizational Citizenship Behavior: Should we analyze after we have Conceptualized? In D. L. Turnipseed (Ed.), *Handbook of Organizational Citizenship Behavior* (47–65). New York: Nova Science Publishers.
- Liang, Y. W. (2012). The relationships among work values, burnout, and organizational citizenship behaviors: A study from hotel front-line service employees in Taiwan". *International Journal of Contemporary Hospitality Management*, 24(2), 251-268. Retrieved June 26, 2014, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=09596119&volume=24&issue=2&articleid=17026183&show=html#sthash.nx8acjuA.dpuf>
- Liu, Y. W. (2009). Perceived organizational support & expatriate OCB: the mediating role of affective commitment towards the parent company. *Personnel review*, 38(3), 307-319. Retrieved April 22, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=00483486&volume=38&issue=3&articleid=1784692&show=html>

- Lynch, P. D., Eisenberger, R., & Armeli, S. (1999). Perceived Organizational Support: Inferior versus Superior Performance by Wary Employees. Retrieved March 26, 2013, from http://eisenberger.psych.udel.edu/files/08_Perceived_Organizational_Support.pdf
- Mohamed, B. (2011). High Involvement Work Practices That Really Count: Perspectives from the UAE. *International Journal of Commerce & Management*, 21(1), 21-45. Retrieved March 17, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=10569219&volume=21&issue=1&articleid=1911965&show=html>
- Nadeem, A., Anwar, R., & Khawaja, J. (2012). An Exploration of Predictors of OCB and Its Significant Link to Employee Engagement. Retrieved March 18, 2013, from http://ijbhtnet.com/journals/Vol_2_No_4_June_2012/11.pdf
- Organ, D. W. (1997). Organizational Citizenship Behavior: It's Construct Clean-Up Time. Retrieved April 20, 2013, from <http://www.valdosta.edu/~mschnake/Organ1997.pdf>
- Organ, D. W. (1988). *Organizational Citizenship Behavior: The Good Soldier Syndrome*. Lexington, MA: Lexington Books.
- Organ, D. W., Podsakoff, P. M., & MacKenzie, S. B. (2006). *Organizational Citizenship Behavior: Its Nature, Antecedents, and Consequences*. USA: Sage Publications, Inc.
- Pablo, Z. (2011). Whether task satisfaction mediates the effect of fair procedures on citizenship. *International Journal of Organizational Analysis*, 19(3), 222-234. Retrieved March 19, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=19348835&volume=19&issue=3&articleid=1941340&show=html>
- Pallant, J. (2002). *SPSS survival manual: a step by step guide to data analysis using SPSS*. Australia: Allen & Unwin.
- Perceived Organizational Support. Home Theory Questionnaires Publications Researchers' Conferences Search. Retrieved April 26, 2013, from <http://www.psychology.uh.edu/pos/questionnaires.asp>
- Perceived Organizational Support. Retrieved April 20, 2013, from <http://www.psychology.uh.edu/pos/theory.asp>
- Podsakoff, P. M., MacKenzie, S. B., Paine, J. B., & Bachrach, D. G. (2002). OCB: A critical review of the theoretical and empirical literature and suggestions for future research. *Journal of Management*, 26(3), 513-563. Retrieved April 23, 2013, from <http://dx.doi.org/10.1177/014920630002600307>

- Raymond, T., & Mjoli, T. Q. (2012). The Relationship between Job Involvement, Job Satisfaction and Organizational Commitment among Lower-Level Employees at a Motor-Car Manufacturing Company in East London, South Africa. Retrieved April 13, 2013, from <http://academiapublishing.org/jbem/pdf/2013/Feb/Raymond%20and%20Mjoli.pdf>
- Rhoades, L., & Eisenberger, R. (2002). *Perceived Organizational Support: A Review of the Literature*. Retrieved April 23, 2013, from http://eisenberger.psych.udel.edu/files/01_Perceived_Organizational_Support.pdf
- Rhoades, L., & Eisenberger, R. (2006). When Supervisors Feel Supported: Relationships With Subordinates' Perceived Supervisor Support, Perceived Organizational Support, and Performance. *Journal of Applied Psychology*, 91(3), 689-695. Retrieved April 26, 2013 from http://eisenberger.psych.udel.edu/files/Shanock_Eisenberger_2006.pdf
- Rothman, J. (2010). Strategic vs. Tactical Management Work. Retrieved April 20, 2013, from <http://www.jrothman.com/blog/mpd/2010/06/strategic-vs-tacticalmanagement工作的.html>
- Saunders, M., Lewis, P., & Thornhill, A. (2007). *Research Methods for Business Students* (4th ed.). UK: Pearson Education Limited.
- Schaufeli, W. B., & Bakker, A. B. (2004). Job Demands, Job Resources, and Their Relationship With Burnout and Engagement: A Multi-Sample Study. *Journal of Organizational Behavior*, 25, 293-315. Retrieved April 1, 2014, from http://www.beanmanaged.eu/pdf/articles/arnoldbakker/article_arnold_bakker_101.pdf
- Schaufeli, W. B., Taris, T. W., & Bakker A. B. (2006). The difference between work engagement and work holism, in Burke, R. (Eds). *Work Hours and Work Addiction*, Edwards Elgar, Northampton, MA, 193-252.
- Sekaran, U. (2006). *Research Method for Business: A Skill Building Approach*. (4th ed.). New Delhi: Sharda Ofsett Press.
- Styvie, V., Muser, C., & Janneck, M. (2012). Transformational Leadership, Work Engagement and Occupational Success. *Career Development International*, 17(7), 663-682. Retrieved March 2, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=13620436&volume=17&issue=7&articleid=17065519&show=html>
- Suchaeski, I. L., Rhoades, L., Eisenberger, R., Stinglhamber, F., & Vandenberghe, C. (2002). Perceived Supervisor Support: Contributions to Perceived Organizational Support and Employee Retention. *Journal of Applied Psychology*, 87 (3), 565-573. Retrieved March 26, 2013, from http://www.psychology.uh.edu/faculty/Eisenberger/files/02_Perceived_Supervisor_Support.pdf

- Sulea, C., Virga, D., Maricutoiu, L. P., Schaufeli, W., Dunitru, C. Z., & Sava, F. A. (2012). Work engagement as mediator between job characteristics and positive and negative extra-role behaviours. *Career Development International*, 17(3), 188-207. Retrieved June 28, 2014 from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=13620436&volume=17&issue=3&articleid=17037090&show=html>
- Tariq, I. K., Farooq, A. J., Aisha, A., Muhammad, B. K., & Syed, T. H. (2011). Job involvement as predictor of employee commitment: Evidence from Pakistan. *International Journal of Business and Management*, 6(4), 1. Retrieved April 18, 2013, from https://www.google.com.my/url?sa=t&rct=j&q=&esrc=s&source=web&cd=13&ved=0CHwQFjAM&url=http%3A%2F%2Fccsenet.org%2Fjournal%2Findex.php%2Fijbm%2Farticle%2Fdownload%2F10093%2F7205&ei=kWpvUdICo3zrQfCmYDwBw&usg=AFQjCNGbm_UUbbMX5JckBK6CAum6hJWBHQ&sig2=2jJhN4p75pphoikN0IZw&bvm=bv.45368065,d.bmk&cad=rja
- Teh, P. L., & Sun, H. Y. (2012). Knowledge sharing, job attitudes & OCB. *Industrial Management & Date System*, 112(1), 64-82. Retrieved March 4, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=02635577&volume=112&issue=1&articleid=17010438&show=html>
- Upasna, A. A., Sumita, D., Stacy, B., & Shivganesh, B. (2012). Linking LMX, Innovative Work Behavior & Turnover Intentions: The Mediating Role of Work Engagement. *Career Development International*, 17(3), 208-230. Retrieved March 2, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=13620436&volume=17&issue=3&articleid=17037091&show=html>
- Wat, D., & Shaffer, M. A. (2005). Equity and relationship quality influences on organizational citizenship behaviors: the mediating role of trust in the supervisor and empowerment. *Personnel review*, 34(4), 406-422. Retrieved March 2, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=0957-8234&volume=47&issue=4&articleid=1806050&show=html>
- Yilmaz, K., & Tasdan, M. (2009). Organizational citizenship and organizational justice in Turkish primary schools. *Journal of Educational Administration*, 47(1), 108-126. Retrieved March 23, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=13620436&volume=17&issue=3&articleid=17037090&show=html>
- Zhang, D. (2011). *Organizational Citizenship Behavior: White paper 2011*. Retrieved April 20, 2013, from <http://www.psych.auckland.ac.nz/webdav/site/psych/shared/about/ourpeople/documents/Dewww%20Zhang%20%20Organisational%20Citizenship%20Behaviour%20-%20White%20Paper.pdf>
- Zoe, S. D. (2007). The influence of service climate and job involvement on customer-oriented organizational citizenship behavior in Greek service organizations: a survey. *Employee Relations*, 29(5), 469-491. Retrieved March 2, 2013, from <http://www.emeraldinsight.com.eserv.uum.edu.my/journals.htm?issn=01425455&volume=29&issue=5&articleid=1621572&show=html>

APPENDIX A: Questionnaire



**Othman Yeop Abdullah
Graduate School of Business**

A STUDY OF CORRELATIONSHIP BETWEEN WORK ENGAGEMENT AND PERCEIVED ORGANIZATIONAL SUPPORT TOWARDS ORGANIZATIONAL CITIZENSHIP BEHAVIORS IN ZUN UTARA INDUSTRY SDN. BHD.

Dear participants,

I am seeking your cooperation by responding to the attached survey on OCB. This survey is part of university requirement in order to complete my Master study. First of all, I would like to thank you for your participation. I would like to receive some additional information regarding the relationship between work engagement and perceived organizational support (POS) towards organizational citizenship behaviors (OCB). Enclosed is a questionnaire that I am asking you to complete.

The questionnaire is very brief and will take about five minutes to fill out. Instructions for completing the questionnaire can be found on the form itself. I would appreciate it if you would complete the questionnaire and return it.

Please be assured that all information you provide will be kept strictly confidential. Your identifying information will not appear on any study report. All results from the study will be reported as statistical summaries only.

Your participation represents a valuable contribution to research, and I thank you again for your cooperation.

Yours sincerely,

Chan Say Yeu

MSc. (Management)

Section A: Work Engagement

Please indicate the extent of your agreement with the following statement on a 5-point scale.

Sila nyatakan tahap persetujuan anda pada skala 5 mata dengan kenyataan berikut.

		<i>Strongly Disagree</i> Sangat Tidak Setuju	<i>Disagree</i> Tidak Setuju	<i>Neutral</i> Kurang Pasti	<i>Agree</i> Setuju	<i>Strongly Agree</i> Sangat Setuju
1	<i>At my work, I feel bursting with energy</i> Saya rasa bertenaga di tempat kerja	1	2	3	4	5
2	<i>I can continue working for very long periods at a time</i> Saya boleh berkerja secara berterusan dalam masa yang panjang	1	2	3	4	5
3	<i>When I get up in the morning, I feel like going to work</i> Pada awal pagi, saya berasa teringin and bersemangat hendak ke tempat kerja	1	2	3	4	5
4	<i>I am proud on the work that I do</i> Saya rasa bangga terhadap kerja yang saya lakukan	1	2	3	4	5
5	<i>I find the work that I do full of meaning and purpose</i> Saya berasa kerja yang saya lakukan sangat bermakna	1	2	3	4	5
6	<i>I am enthusiastic about my job</i> Saya bersemangat tentang kerja saya	1	2	3	4	5
7	<i>Time flies when I'm working</i> Apabila saya berkerja, saya rasa masa berlalu dengan cepat	1	2	3	4	5
8	<i>I am immersed in my work</i> Saya 'tenggelam' dalam kerja saya	1	2	3	4	5
9	<i>When I am working, I forget everything else around me</i> Saya terlupa hal lain semasa saya berkerja	1	2	3	4	5
10	<i>I get carried away when I'm working</i> Saya terlupa diri apabila saya berkerja	1	2	3	4	5

Section B: Perceived Organizational Support (POS)

Please indicate the extent of your agreement with the following statement on a 5-point scale.

Sila nyatakan tahap persetujuan anda pada skala 5 mata dengan kenyataan berikut.

		<i>Strongly Disagree</i> Sangat Tidak Setuju	<i>Disagree</i> Tidak Setuju	<i>Neutral</i> Kurang Pasti	<i>Agree</i> Setuju	<i>Strongly Agree</i> Sangat Setuju
1	<i>The organization values my contribution to its well-being</i> Organisasi ini menghargai sumbangan saya terhadap kesejahteraannya	1	2	3	4	5
2	<i>The organization fails to appreciate any extra effort from me</i> Organisasi gagal untuk menghargai apa-apa sumbangan tambahan daripada saya	1	2	3	4	5
3	<i>The organization would ignore any complaint from me</i> Organisasi mangabaikan apa-apa aduan daripada saya	1	2	3	4	5
4	<i>The organization really cares about my well-being</i> Organisasi ini mangambil berat tentang kesejahteraan saya	1	2	3	4	5
5	<i>The organization cares about my general satisfaction at work</i> Organisasi ini mengambil berat tentang kepuasan umum saya di tempat kerja	1	2	3	4	5
6	<i>The organization shows very little concern for me</i> Organisasi ini menunjukkan kebimbangan yang amat sedikit bagi saya	1	2	3	4	5
7	<i>The organization takes pride in my accomplishment at work</i> Organisasi ini berbangga terhadap pencapaian saya di tempat kerja	1	2	3	4	5
8	<i>Even if I did the best job possible, the organization would fail to notice</i> Walaupun saya melakukan kerja yang terbaik, organisasi gagal untuk notis	1	2	3	4	5

Section C: Organizational Citizenship Behavior (OCB)

Please indicate the extent of your agreement with the following statement on a 5-point scale.
 Sila nyatakan tahap persetujuan anda pada skala 5 mata dengan kenyataan berikut.

		<i>Strongly Disagree</i> Sangat Tidak Setuju	<i>Disagree</i> Tidak Setuju	<i>Neutral</i> Kurang Pasti	<i>Agree</i> Setuju	<i>Strongly Agree</i> Sangat Setuju
1	<i>Keep "Up" with developments in the company</i> Bersaing dengan perkembangan dalam organisasi	1	2	3	4	5
2	<i>Attends functions that are not required but that help the company image</i> Hadir fungsi yang tidak diperlukan tetapi membantu imej syarikat	1	2	3	4	5
3	<i>Is willing to risk disapproval in order to express his/her beliefs about what's best for the company</i> Bersedia menerima risiko untuk menyatakan kepercayaan anda tentang apa yang terbaik untuk syarikat	1	2	3	4	5
4	<i>I was part of the company; I will be better only if the company is better</i> Saya adalah sebahagian daripada syarikat ini; saya menjadi lebih baik apabila syarikat ini adalah lebih baik	1	2	3	4	5
5	<i>Always focuses on what's wrong his/her situation, rather than the positive side of it</i> Sentiasa fokus sebarang masalah dari sudut yang positif	1	2	3	4	5
6	<i>Helps orient new employees even though it is not required</i> Membantu pekerja baru walaupun tidak diminta	1	2	3	4	5
7	<i>Is always ready to help or to lend a helping hand to those around him/her</i> Sentiasa sedia untuk membantu orang disekelilingi saya	1	2	3	4	5
8	<i>Willingly gives of his/her time to help others</i> Rela memberikan masa kepada beliau untuk membantu orang lain	1	2	3	4	5
9	<i>Conscientiously follows company regulations and procedures</i> Mematuhi peraturan dan prosedur syarikat	1	2	3	4	5
10	<i>Returns phone calls and responds to other messages and requests for information promptly</i> Kembalikan panggilan dan memberi respons kepada permintaan dengan segera	1	2	3	4	5

Section D: Respondent's Profile (*Please tick.* Sila tanda yang berkenaan.)

1	<i>Gender / Jantina</i>	Male / Lelaki	
		Female / Perempuan	
2	<i>Age / Umur</i>	Below 20 / 20 ke bawah	
		20 – 35	
		36 – 50	
		Above 50 / 50 ke atas	
3	<i>Education level / Tahap pendidikan</i>	SPM and below / SPM ke bawah	
		Diploma / STPM	
		Degree / Master	
		PHD or higher	
4	<i>Designation / Jawatan</i>	Manager, HOD	
		Executive, Supervisor	
		Operator	
5	<i>Length of year in service in this company (Tenure) / Tempoh berkhidmat di syarikat ini</i>	Below 2 years / 2 tahun ke bawah	
		2 – 5 years	
		6 – 9 years	
		10 years and above / 10 tahun dan ke atas	

APPENDIX B: SPSS Output

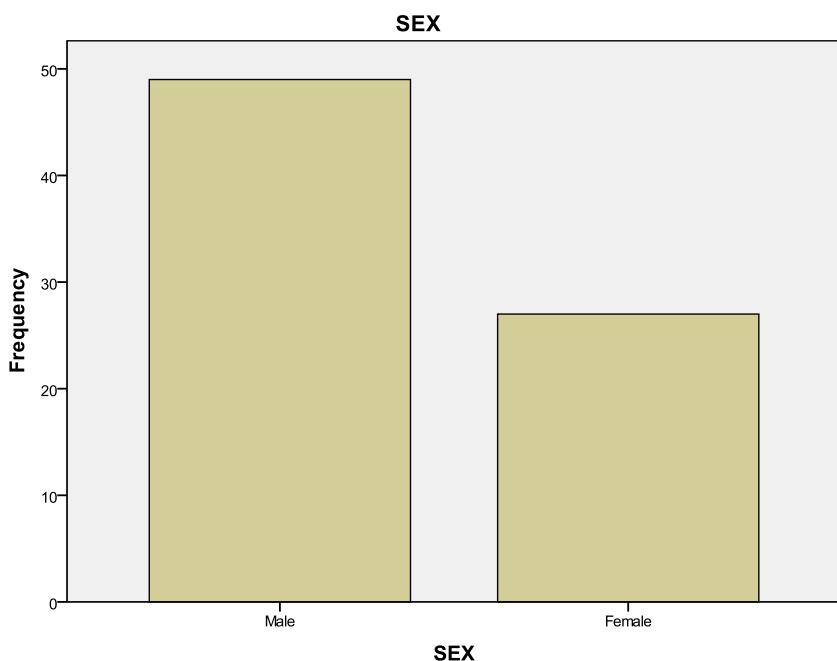
Frequencies

Statistics						
	SEX	AGE	EDUCATION	DESIGNATION	TENURE	
N	Valid	76	76	76	76	76
	Missing	0	0	0	0	0
Minimum		1.00	1.00	1.00	1.00	1.00
Maximum		2.00	4.00	3.00	3.00	4.00

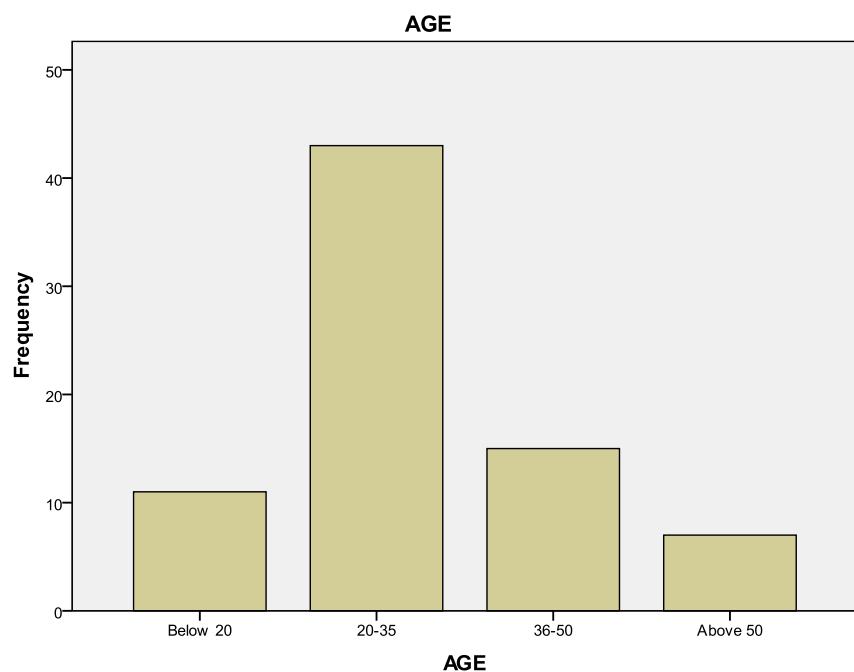
Frequency Table

		SEX			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Male	49	64.5	64.5	64.5
	Female	27	35.5	35.5	100.0
	Total	76	100.0	100.0	

Bar Chart

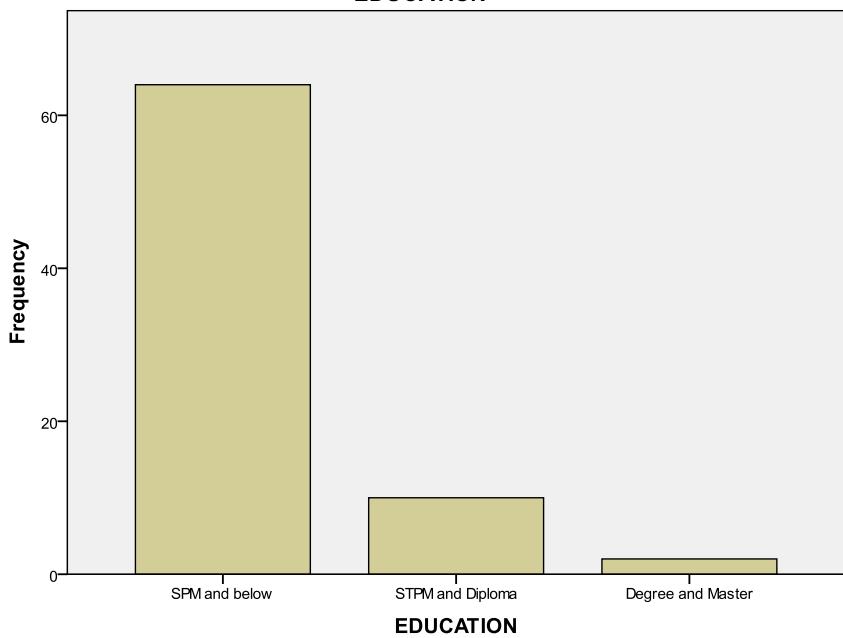


AGE					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Below 20	11	14.5	14.5	14.5
	20-35	43	56.6	56.6	71.1
	36-50	15	19.7	19.7	90.8
	Above 50	7	9.2	9.2	100.0
	Total	76	100.0	100.0	



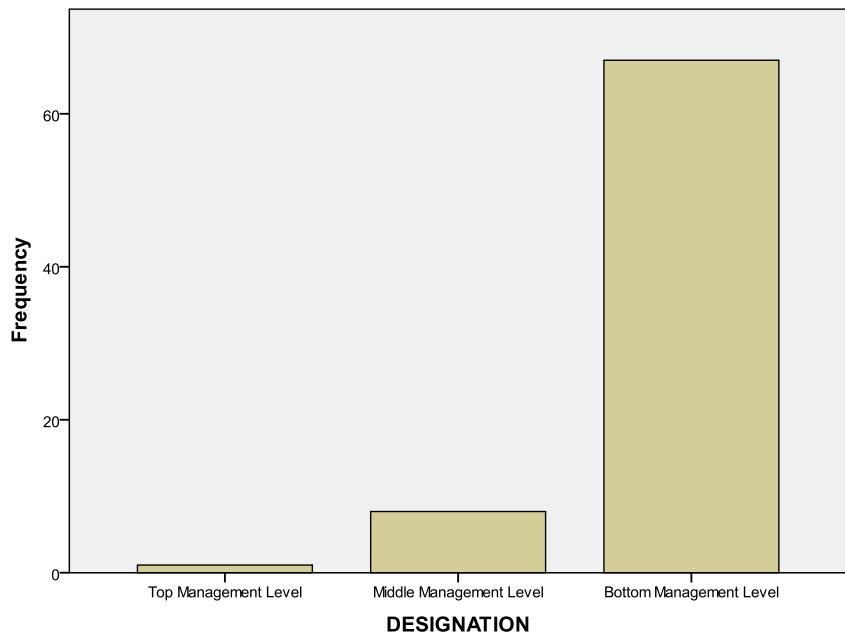
EDUCATION

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	SPM and below	64	84.2	84.2	84.2
	STPM and Diploma	10	13.2	13.2	97.4
	Degree and Master	2	2.6	2.6	100.0
	Total	76	100.0	100.0	

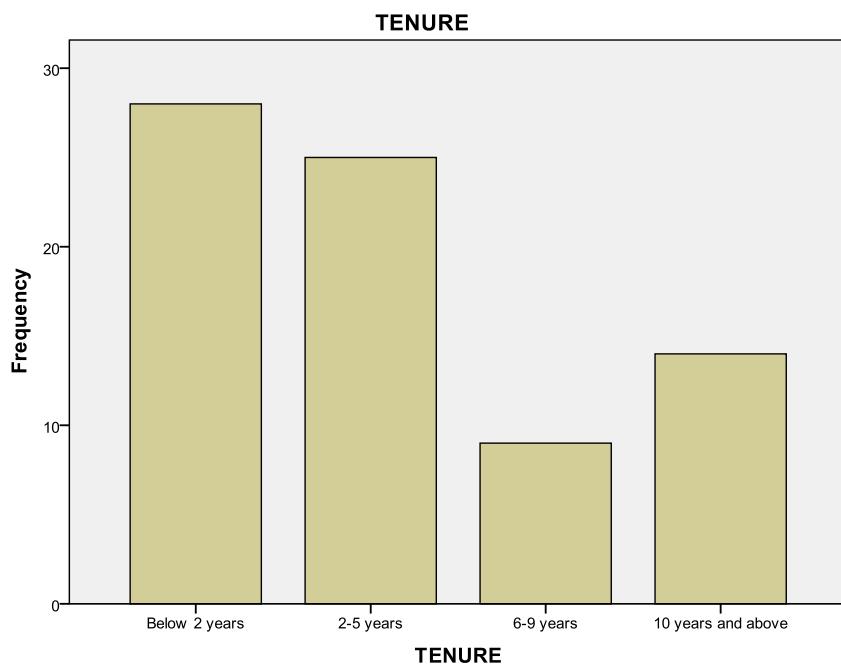
EDUCATION

DESIGNATION

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Top Management Level	1	1.3	1.3	1.3
	Middle Management Level	8	10.5	10.5	11.8
	Bottom Management Level	67	88.2	88.2	100.0
	Total	76	100.0	100.0	

DESIGNATION

TENURE					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Below 2 years	28	36.8	36.8	36.8
	2-5 years	25	32.9	32.9	69.7
	6-9 years	9	11.8	11.8	81.6
	10 years and above	14	18.4	18.4	100.0
	Total	76	100.0	100.0	



Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
WE	76	1.20	4.30	3.1684	.55383
POS	76	1.00	3.75	2.8766	.59354
OCB	76	2.70	4.60	3.5053	.47071
Valid N (listwise)	76				

Reliability

Scale: Work Engagement

Case Processing Summary

		N	%
Cases	Valid	76	100.0
	Excluded ^a	0	.0
	Total	76	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.729	10

Item Statistics

	Mean	Std. Deviation	N
WE1	3.3289	.98506	76
WE2	2.8421	.99402	76
WE3	3.3684	.90689	76
WE4	3.5395	.99921	76
WE5	3.3553	.91948	76
WE6	3.4737	.94479	76
WE7	3.6316	1.03076	76
WE8	2.8947	1.09031	76
WE9	2.7895	1.25768	76
WE10	2.4605	1.08862	76

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
WE1	28.3553	25.752	.395	.707
WE2	28.8421	24.481	.529	.686
WE3	28.3158	25.766	.444	.701
WE4	28.1447	25.779	.384	.709
WE5	28.3289	25.824	.428	.703
WE6	28.2105	24.168	.604	.676
WE7	28.0526	24.584	.492	.691
WE8	28.7895	25.768	.336	.717
WE9	28.8947	25.935	.246	.737
WE10	29.2237	27.856	.142	.747

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
31.6842	30.672	5.53826	10

Scale: Perceived Organizational Support

Case Processing Summary

		N	%
Cases	Valid	76	100.0
	Excluded ^a	0	.0
	Total	76	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.669	8

Item Statistics

	Mean	Std. Deviation	N
POS1	2.7105	1.22001	76
POS2	2.9079	1.17958	76
POS3	3.0658	1.07499	76
POS4	2.7500	1.10905	76
POS5	2.8947	1.01428	76
POS6	2.7895	.92831	76
POS7	2.8816	1.08280	76
POS8	3.0132	1.01316	76

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
POS1	20.3026	18.827	.211	.679
POS2	20.1053	17.322	.390	.630
POS3	19.9474	18.851	.272	.659
POS4	20.2632	17.263	.440	.618
POS5	20.1184	17.412	.485	.609
POS6	20.2237	19.056	.324	.647
POS7	20.1316	18.596	.297	.653
POS8	20.0000	17.307	.500	.605

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
23.0132	22.546	4.74831	8

Scale: Organizational Citizenship Behavior

Case Processing Summary

		N	%
Cases	Valid	76	100.0
	Excluded ^a	0	.0
	Total	76	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.691	10

Item Statistics

	Mean	Std. Deviation	N
OCB1	3.0263	.92338	76
OCB2	2.9342	.85378	76
OCB3	3.2237	.97432	76
OCB4	3.4868	.98649	76
OCB5	3.5263	1.05165	76
OCB6	3.9605	.85543	76
OCB7	3.9079	.99569	76
OCB8	3.7237	.80992	76
OCB9	3.8289	.71904	76
OCB10	3.4342	.92859	76

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
OCB1	32.0263	18.293	.381	.663
OCB2	32.1184	19.092	.313	.675
OCB3	31.8289	19.104	.247	.688
OCB4	31.5658	17.129	.497	.639
OCB5	31.5263	17.879	.357	.668
OCB6	31.0921	18.778	.357	.667
OCB7	31.1447	18.819	.272	.684
OCB8	31.3289	19.450	.287	.679
OCB9	31.2237	18.843	.448	.656
OCB10	31.6184	18.239	.385	.662

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
35.0526	22.157	4.70714	10

Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
OCB	76	100.0%	0	0.0%	76	100.0%

Descriptives

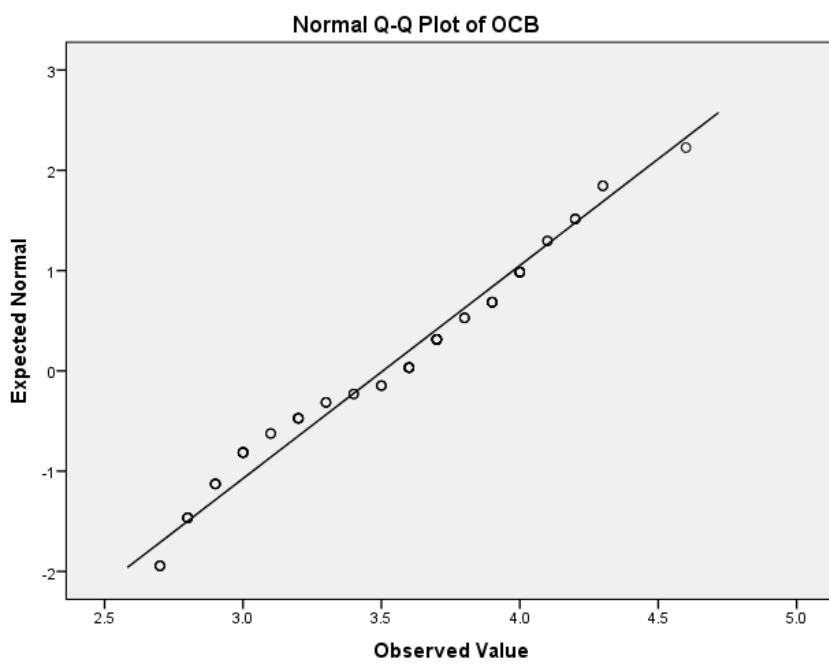
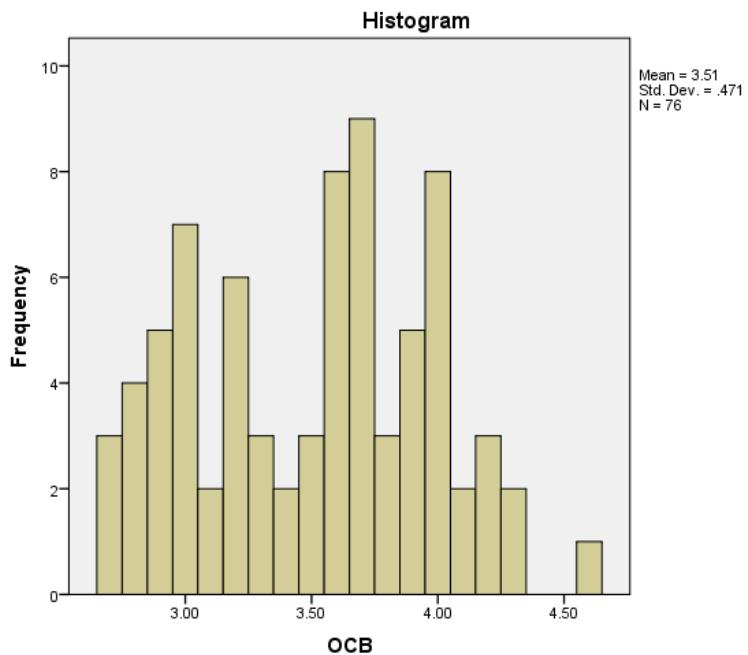
		Statistic	Std. Error
Mean		3.5053	.05399
95% Confidence Interval for	Lower Bound	3.3977	
Mean	Upper Bound	3.6128	
5% Trimmed Mean		3.5015	
Median		3.6000	
Variance		.222	
OCB Std. Deviation		.47071	
Minimum		2.70	
Maximum		4.60	
Range		1.90	
Interquartile Range		.88	
Skewness		-.019	.276
Kurtosis		-.973	.545

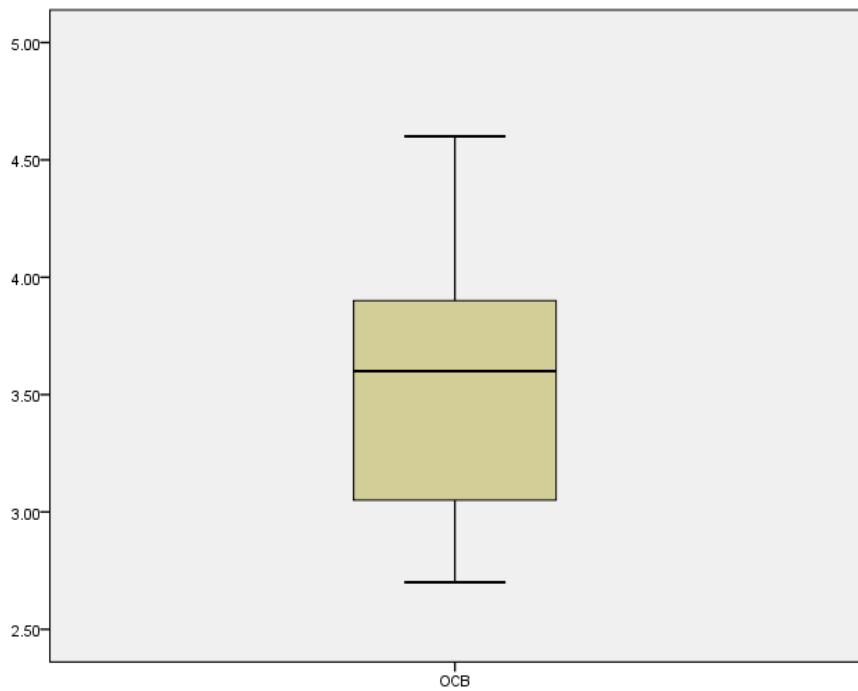
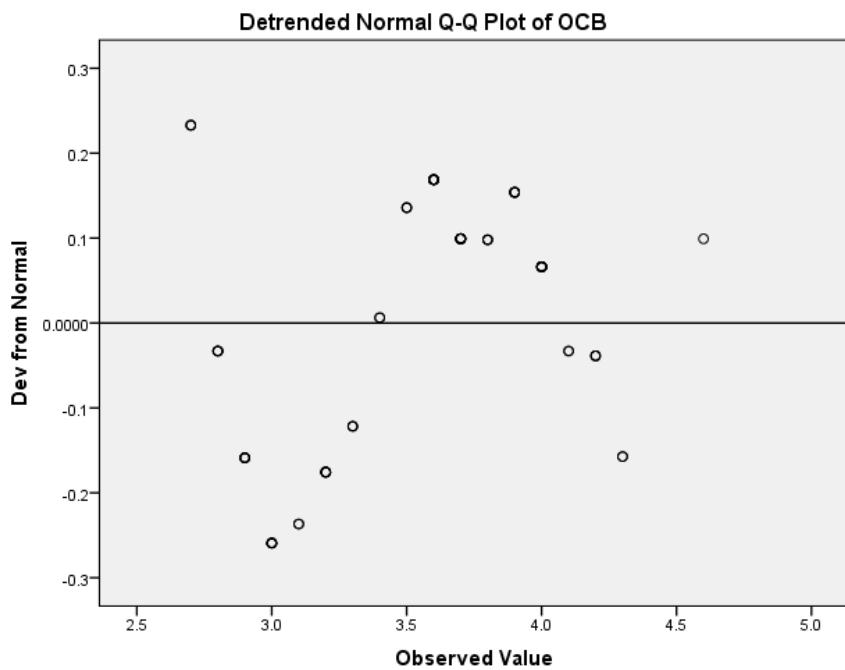
Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
OCB	.119	76	.090	.960	76	.017

a. Lilliefors Significance Correction

OCB





Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
WE	76	100.0%	0	0.0%	76	100.0%

Descriptives

		Statistic	Std. Error
	Mean	3.1684	.06353
	95% Confidence Interval for Mean	Lower Bound	3.0419
		Upper Bound	3.2950
	5% Trimmed Mean		3.1977
	Median		3.2000
	Variance		.307
WE	Std. Deviation		.55383
	Minimum		1.20
	Maximum		4.30
	Range		3.10
	Interquartile Range		.80
	Skewness		-.454
	Kurtosis		.276
			.547
			.545

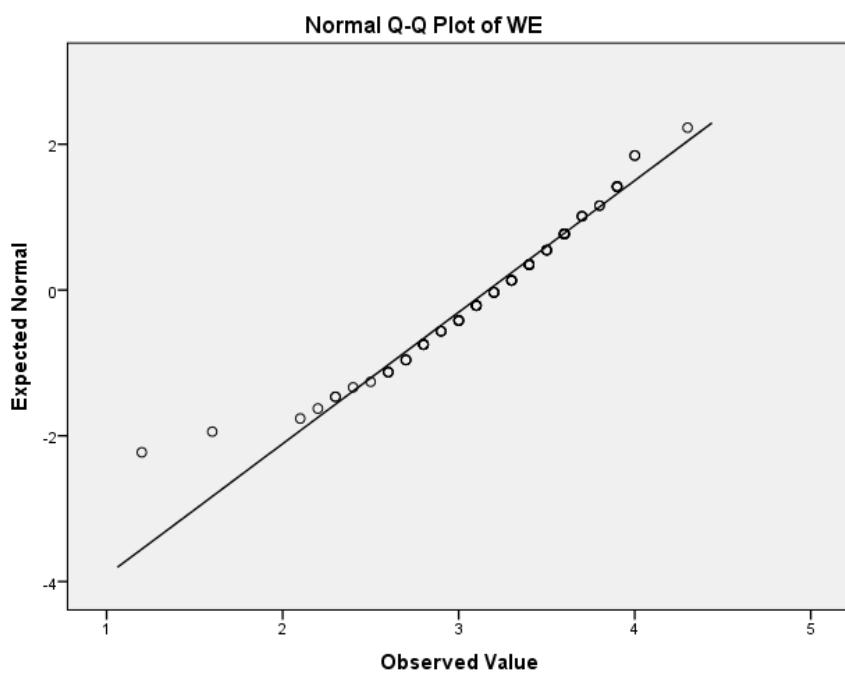
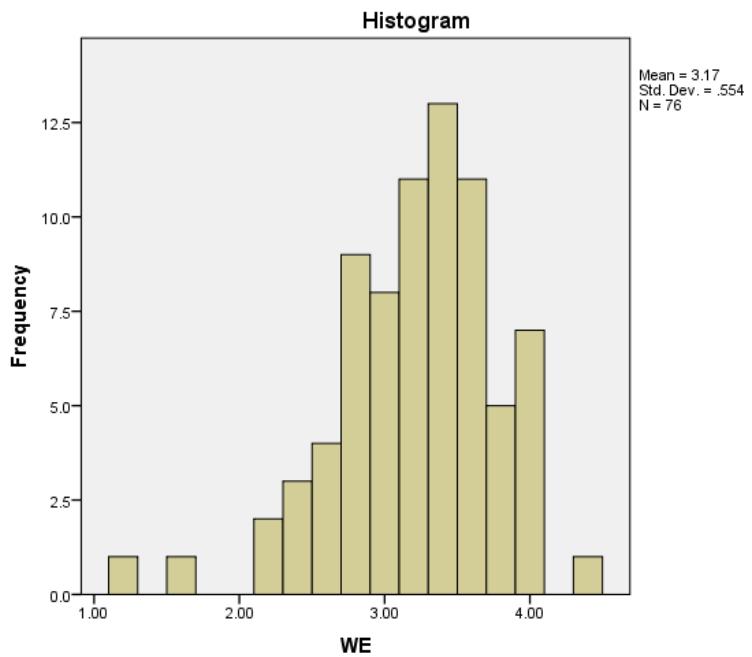
Tests of Normality

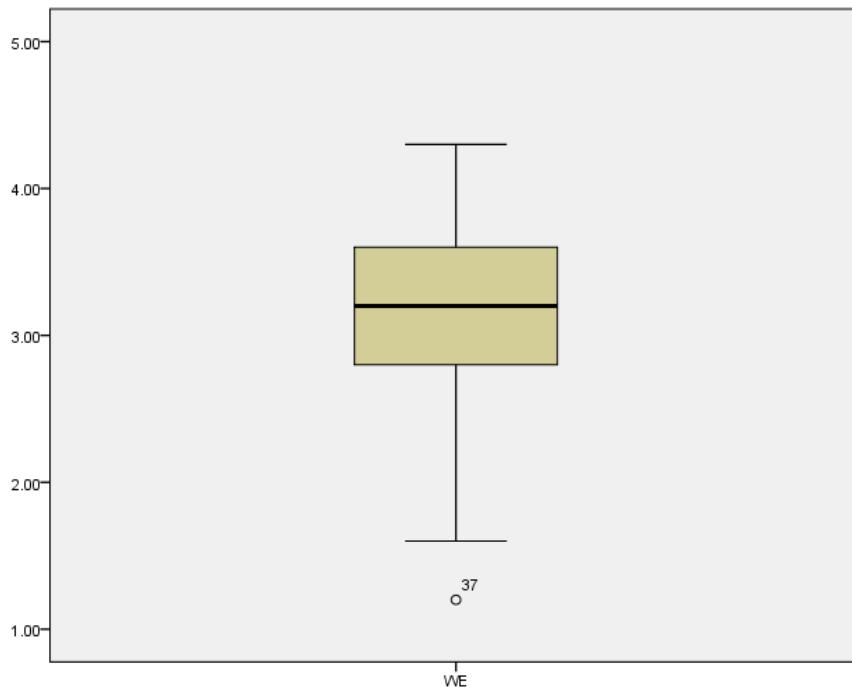
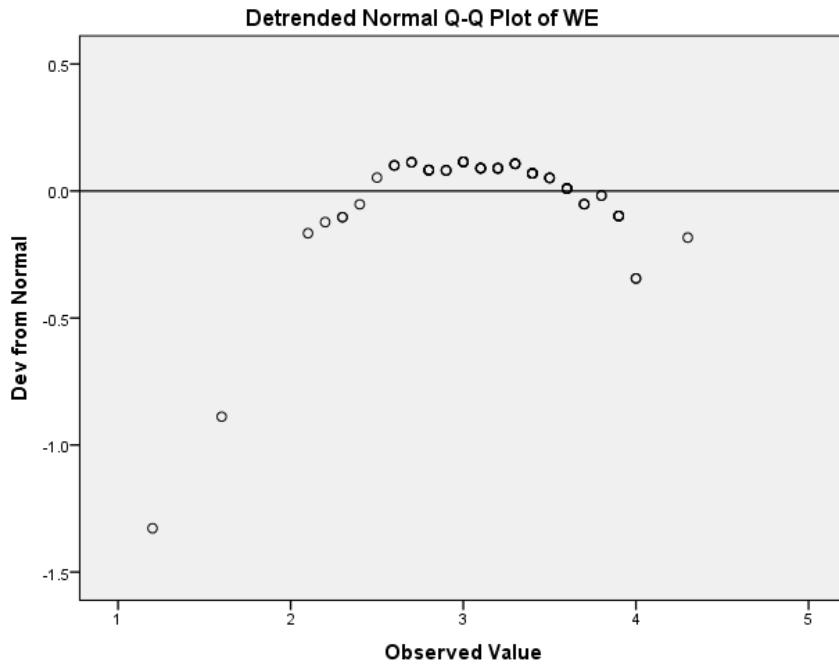
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
WE	.082	76	.200*	.959	76	.015

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

WE





Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
POS	76	100.0%	0	0.0%	76	100.0%

Descriptives

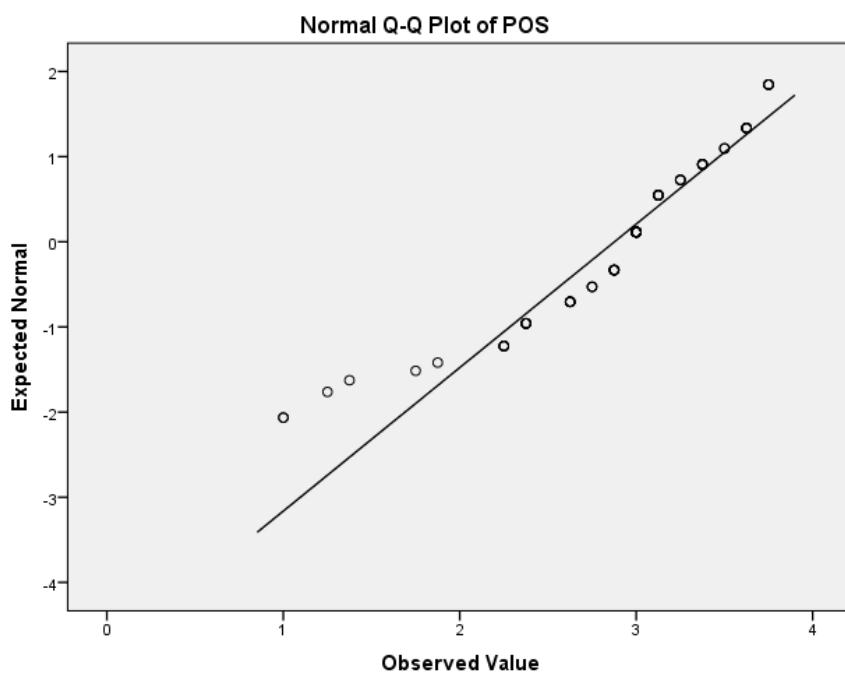
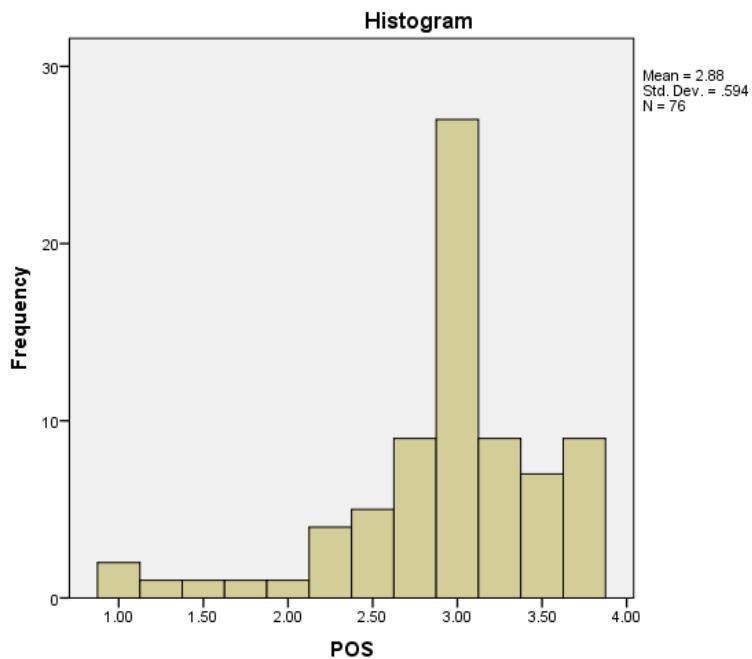
		Statistic	Std. Error
Mean		2.8766	.06808
95% Confidence Interval for Mean	Lower Bound	2.7410	
Mean	Upper Bound	3.0123	
5% Trimmed Mean		2.9243	
Median		3.0000	
Variance		.352	
POS Std. Deviation		.59354	
Minimum		1.00	
Maximum		3.75	
Range		2.75	
Interquartile Range		.59	
Skewness		-.239	.276
Kurtosis		.120	.545

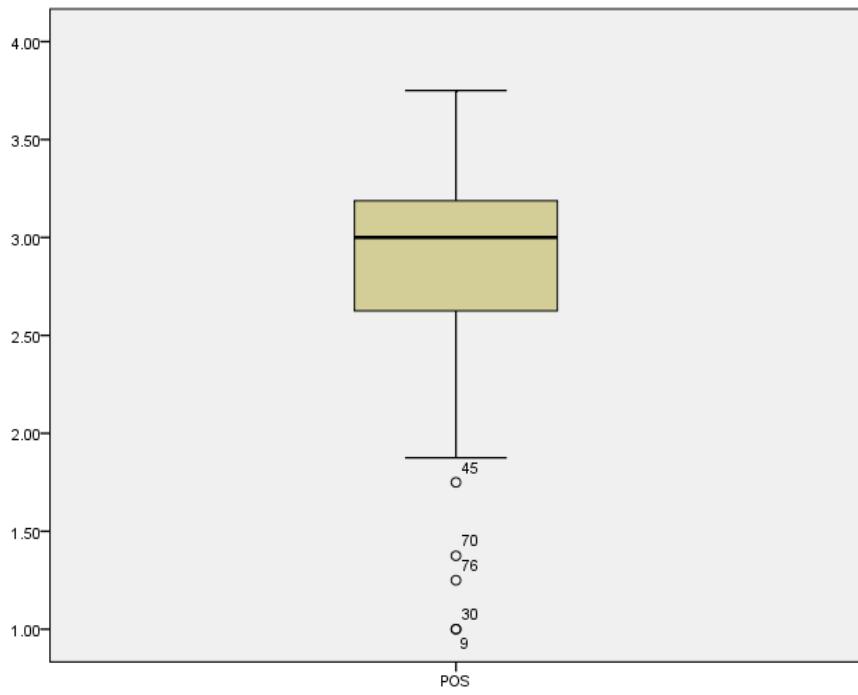
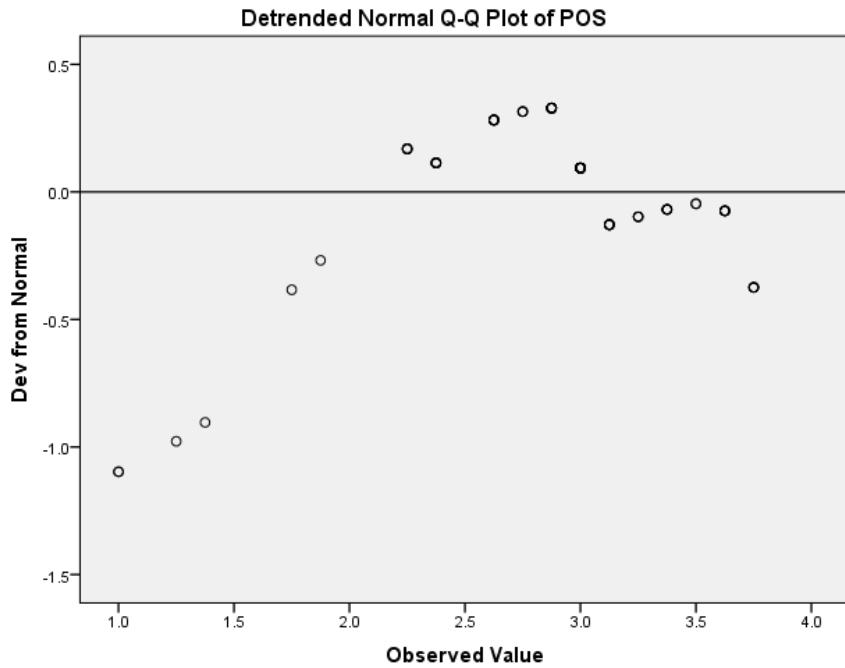
Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
POS	.183	76	.061	.892	76	.026

a. Lilliefors Significance Correction

POS





Correlations

Descriptive Statistics

	Mean	Std. Deviation	N
WE	3.1684	.55383	76
POS	2.8766	.59354	76
OCB	3.5053	.47071	76

Correlations

		WE	POS	OCB
WE	Pearson Correlation	1	.397 **	.339 **
	Sig. (2-tailed)		.000	.003
	N	76	76	76
POS	Pearson Correlation	.397 **	1	-.026
	Sig. (2-tailed)	.000		.826
	N	76	76	76
OCB	Pearson Correlation	.339 **	-.026	1
	Sig. (2-tailed)	.003	.826	
	N	76	76	76

**. Correlation is significant at the 0.01 level (2-tailed).

Regression

Descriptive Statistics

	Mean	Std. Deviation	N
OCB	3.5053	.47071	76
WE	3.1684	.55383	76
POS	2.8766	.59354	76

Correlations

		OCB	WE	POS
Pearson Correlation	OCB	1.000	.339	-.026
	WE	.339	1.000	.397
	POS	-.026	.397	1.000
Sig. (1-tailed)	OCB	.	.001	.413
	WE	.001	.	.000
	POS	.413	.000	.
N	OCB	76	76	76
	WE	76	76	76
	POS	76	76	76

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	POS, WE ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: OCB

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.381 ^a	.145	.122	.44114

a. Predictors: (Constant), POS, WE

b. Dependent Variable: OCB

ANOVA^b

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	2.412	2	1.206	6.196	.003 ^a
Residual	14.206	73	.195		
Total	16.618	75			

a. Predictors: (Constant), POS, WE

b. Dependent Variable: OCB

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients		t	Sig.	95.0% Confidence Interval for B		Correlations			Collinearity Statistics	
	B	Std. Error	Beta				Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance	VIF
1 (Constant)	2.824	.329		.414	8.594	.000	2.169	3.478					
WE	.352	.100		.414	3.512	.001	.152	.552	.339	.380	.380	.843	1.187
POS	-.151	.093		-.190	-1.611	.111	-.337	.036	-.026	-.185	-.174	.843	1.187

a. Dependent Variable: OCB

Collinearity Diagnostics^a

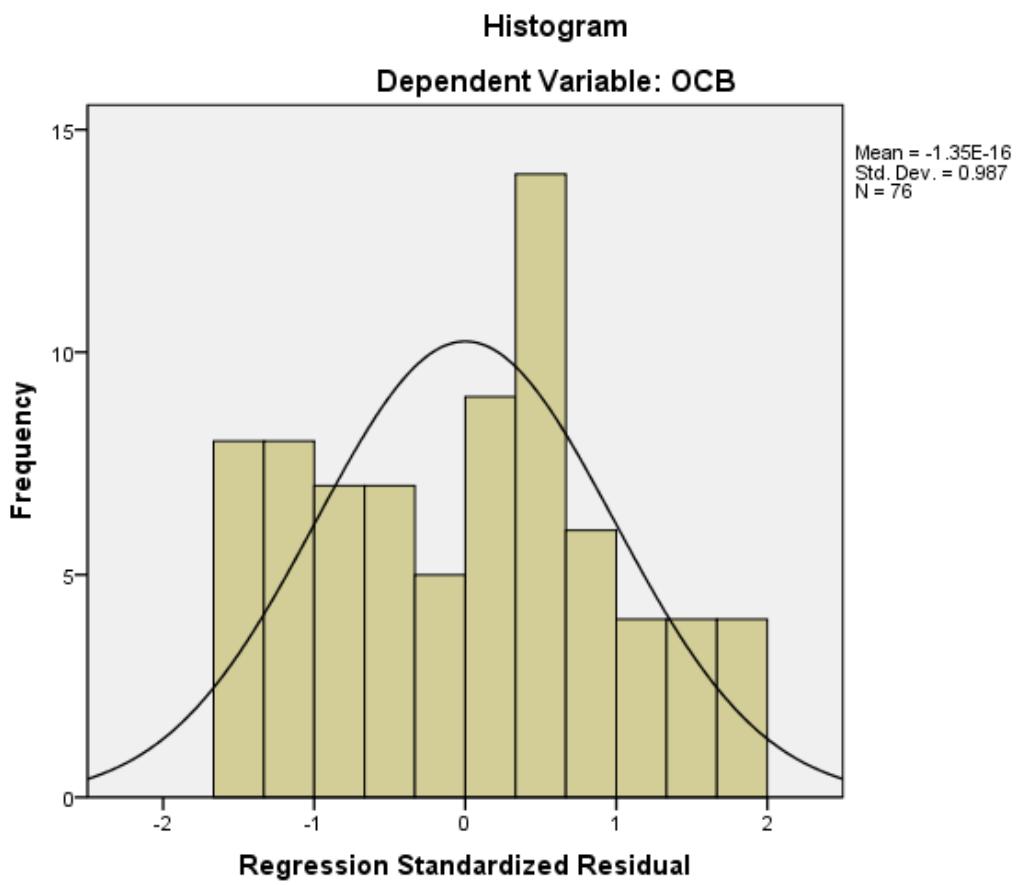
Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	WE	POS
1	1	2.962	1.000	.00	.00	.00
	2	.023	11.396	.14	.22	.99
	3	.015	14.189	.86	.78	.01

a. Dependent Variable: OCB

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	2.8505	4.0454	3.5053	.17932	76
Std. Predicted Value	-3.652	3.012	.000	1.000	76
Standard Error of Predicted Value	.051	.221	.081	.033	76
Adjusted Predicted Value	2.8874	4.2621	3.5037	.18743	76
Residual	-.72741	.85622	.00000	.43522	76
Std. Residual	-1.649	1.941	.000	.987	76
Stud. Residual	-1.691	1.957	.002	1.008	76
Deleted Residual	-.86206	.87087	.00157	.45524	76
Stud. Deleted Residual	-1.713	1.997	.002	1.015	76
Mahal. Distance	.018	17.866	1.974	3.067	76
Cook's Distance	.000	.320	.016	.039	76
Centered Leverage Value	.000	.238	.026	.041	76

a. Dependent Variable: OCB



Normal P-P Plot of Regression Standardized Residual

Dependent Variable: OCB

