

The copyright © of this thesis belongs to its rightful author and/or other copyright owner. Copies can be accessed and downloaded for non-commercial or learning purposes without any charge and permission. The thesis cannot be reproduced or quoted as a whole without the permission from its rightful owner. No alteration or changes in format is allowed without permission from its rightful owner.



**DETERMINANTS TO KNOWLEDGE TRANSFER AND  
SHARING IN MULTIMEDIA SUPER CORRIDOR IN  
MALAYSIA: THE MEDIATING ROLE OF TRUST**

**HOUCINE MEDDOUR (93565)**

**DOCTOR OF PHILOSOPHY  
UNIVERSITI UTARA MALAYSIA  
2016**

**DETERMINANTS TO KNOWLEDGE TRANSFER AND SHARING IN  
MULTIMEDIA SUPER CORRIDOR IN MALAYSIA: THE MEDIATING  
ROLE OF TRUST**

**By**

**HOUCINE MEDDOUR (93565)**



**Thesis Submitted to  
School of Business Management, College of Business  
Universiti Utara Malaysia,  
in Fulfillment of the Requirement for the Degree of Doctor of Philosophy**

## PERMISSION TO USE

In presenting this thesis in fulfilment of the requirements for a postgraduate degree from Universiti Utara Malaysia, I agree that the Universiti Library may make it freely available for inspection. I further agree that permission for the copying of this thesis in any manner, in whole or in part, for scholarly purpose may be granted by my supervisor(s) or, in their absence, by the Dean, School of Business Management. It is understood that any copying or publication or use of this thesis or parts thereof 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 Universiti Utara Malaysia for any scholarly use which may be made of any material from my thesis.

Requests for permission to copy or to make other use of materials in this thesis, in whole or in part, should be addressed to:

Dean, School of Business Management  
Universiti Utara Malaysia  
06010 UUM Sintok



## ABSTRACT

The increased quest for vision 2020 has certainly meant that the role of MSC status organizations in Malaysia in contributing success becomes the subject of considerable debate. In this context, not much research has been conducted on knowledge transfer and sharing in MSC status organizations as well as the mediating role of trust in enhancing knowledge transfer and sharing in the Malaysian organizations. Based on knowledge creation theory, this study examines the determinants of knowledge transfer and sharing in MSC status organizations in Malaysia. Primarily, this study explored the relationship between organizational capacity, organizational motivation, organizational environment, trust and knowledge transfer and sharing in MSC status organizations. Partial Least Squares Method (PLS) algorithm and bootstrap techniques were used to test the hypotheses. The results indicated that eight out of twenty-five hypotheses were found to be positive and significant. Specifically, the hypothesized direct relationships between organizational capacity (top management support), organizational motivation (culture), organizational environment (information technology), trust and knowledge transfer and sharing were supported. The results also revealed that the direct relationships between organizational capacity (human resource practices), and organizational environment (information technology, networks) were significantly related to trust. Furthermore, in terms of trust as mediating variable between organizational capacity, organizational motivation, organizational environment and knowledge transfer and sharing, one out of eight hypotheses indicated full mediation including the relationship between networks and knowledge transfer and sharing. These results offer theoretical, methodological, and practical implications and will help academics and practitioners in the knowledge management field. Nonetheless, further studies are necessary both to confirm the findings and to incorporate additional variables that may influence results. The results of the study were crucial to be looked into so that MSC status organizations could have a clearer understanding and guidelines if they were to enhance their mission to accomplish phase three 2011-2020 of vision 2020 in transforming Malaysia into a knowledge-based society.

**Keywords:** Organizational capacity, Motivation, Organizational environment, Knowledge transfer and sharing, Trust, MSC, Malaysia.

## ABSTRAK

Usaha yang berterusan untuk mencapai wawasan 2020 menimbulkan persoalan tentang peranan organisasi berstatus MSC di Malaysia dalam menjayakan aspirasi ini. Dalam konteks ini, tidak banyak kajian pernah dijalankan berhubung perkongsian dan pemindahan ilmu yang berlaku dalam organisasi berstatus MSC. Peranan kepercayaan sebagai perantara untuk meningkatkan pemindahan dan perkongsian pengetahuan di organisasi di Malaysia juga kurang diselidiki. Kajian ini yang menggunakan teori penciptaan pengetahuan telah meneliti penentu kepada pemindahan dan perkongsian pengetahuan yang berlaku di organisasi berstatus MSC di negara ini. Kajian ini meneroka hubungan antara kapasiti organisasi, motivasi organisasi, persekitaran organisasi, kepercayaan dengan pemindahan dan perkongsian pengetahuan di organisasi berstatus MSC. Algoritma kaedah kuasa dua terkecil separa dan teknik bootstrap diupayakan untuk menguji hipotesis. Dapatan memperlihatkan bahawa lapan daripada dua puluh lima hipotesis didapati positif dan signifikan. Secara khususnya, hubungan terus yang dihipotesis antara kapasiti organisasi (sokongan pihak pengurusan atasan), motivasi organisasi (budaya), persekitaran organisasi (teknologi maklumat), kepercayaan dengan pemindahan dan perkongsian pengetahuan juga disokong. Dapatan juga memaparkan bahawa hubungan terus antara kapasiti organisasi (amalan sumber manusia) dengan persekitaran organisasi (teknologi maklumat, jaringan) berkait secara signifikan dengan kepercayaan. Selain itu, dari segi kepercayaan sebagai pemboleh ubah perantaraan antara kapasiti organisasi, motivasi organisasi, persekitaran organisasi dengan pemindahan dan perkongsian pengetahuan, satu daripada lapan hipotesis menunjukkan perantaraan penuh, termasuklah hubungan antara jaringan dengan pemindahan dan perkongsian pengetahuan. Hasil kajian ini memberikan implikasi teori, kaedah serta amalan dan membantu golongan akademik serta pengamal dalam bidang pengurusan pengetahuan. Namun begitu, kajian lanjut perlu dilakukan untuk mengesahkan dapatan serta menambah pemboleh ubah yang mungkin boleh mempengaruhi dapatan. Dapatan kajian ini penting dan perlu diambil kira untuk memberikan pemahaman dan panduan kepada organisasi berstatus MSC untuk membolehkan organisasi ini menjayakan fasa ketiga wawasan 2020, iaitu fasa 2011-2020 demi mengubah Malaysia kepada masyarakat yang berteraskan pengetahuan.

Kata kunci: Kapasiti organisasi, Motivasi, Persekitaran organisasi, Pemindahan dan perkongsian pengetahuan, Kepercayaan, MSC, Malaysia.

## ACKNOWLEDGEMENT

In the name of Allah, the most gracious, the most merciful, all the praises and thanks be to Allah, the most merciful. The only owner of the day of recompense, you alone we worship and you alone we ask for help, guide us to the straightway, the way of those on whom you have bestowed your grace, not of those who earned your anger, nor of those who went astray. Peace and Salam are always blessed and poured down upon our beloved prophet Muhammad SAW as the last prophet that has shown us the right ways, we will always be in the shelter of Allah from now until hereafter life. Amien.

On this very special occasion I would like to express my deep gratitude and appreciation to my supervisors, Associate Prof Dr. Abdul Halim bin Abdul Majid, Prof Dr. Rushami Zien bin Yusoff, and Dr. Zurina binti Adnan for giving me their valuable time, advice, criticism and correction of this thesis since the beginning up to the end of the writing. I want to express that your immense encouragement, expert guidance, confidence, and genuine concern have proved to me that you are an educational servant leader whose impact will ever remain green in my memory.

I am so thankful to UUM faculty members for their dedication, support and knowledge that has been given to me past and present. I want to say a special thanks to all my friends who are Ph.D. students in UUM for encouraging me to have integrity in the research that I do.

I would like to thank MSC status organizations that participated in this study and the 132 companies who completed my questionnaires. Without their permission and support, this work would not have been successfully completed.

Lastly, but not the least, I would like to express my deepest thanks to my family and my beloved parents for their support, love, encouragements, and prayers. I am also grateful beyond words to my beloved wife, and my beloved daughter Imane Safaa for their love, care, prayers, understanding and confidence. May Allah (SWT) bless all of you and grant your wishes.

## TABLE OF CONTENTS

Title	Page
CERTIFICATION OF THESIS WORK.....	ii
PERMISSION TO USE .....	iv
ABSTRACT .....	v
ABSTRAK .....	vi
ACKNOWLEDGEMENT .....	vii
TABLE OF CONTENTS .....	viii
LIST OF TABLES .....	xv
LIST OF FIGURES.....	xvii
LIST OF APPENDICES .....	xviii
LIST OF ABBREVIATIONS .....	xix
<b>CHAPTER ONE INTRODUCTION.....</b>	<b>1</b>
1.1 Background of study .....	1
1.2 Problem statement.....	7
1.3 Research questions .....	16
1.4 Objectives of study.....	17
1.5 Significance of study.....	18
1.6 Scope of study .....	19
1.7 Definition of key terms .....	20
1.7.1 Knowledge transfer and sharing .....	20
1.7.2 Organizational capacity.....	20



1.7.3 Organizational motivation.....	21
1.7.4 Organizational environment.....	22
1.7.5 Trust .....	23
1.7.6 Organization and summary of chapters.....	23
<b>CHAPTER TWO LITERATURE REVIEW .....</b>	<b>25</b>
2.1 Introduction.....	25
2.2 Definition and conceptualization of knowledge transfer and sharing.....	25
2.3 Factors affecting knowledge transfer and sharing .....	29
2.4 Measurement of knowledge transfer and sharing .....	37
2.5 The importance of knowledge transfer and sharing.....	41
2.6 Knowledge transfer and sharing and variables of study .....	42
2.7 Organizational capacity.....	45
2.7.1 Top management support.....	45
2.7.2 Organizational structure.....	48
2.7.3 Learning strategy.....	51
2.7.4 Human resource practices .....	53
2.8 Organizational motivation.....	55
2.8.1 Culture.....	56
2.8.2 Rewards.....	59
2.9 Organizational environment.....	61
2.9.1 Information technology.....	62
2.9.2 Networks .....	65
2.10 Trust .....	68
2.11 Underpinning theory in the study.....	77

2.12 Gaps in the literature .....	82
2.13 Hypotheses of study .....	87
2.13.1 Relationship between organizational factors and knowledge transfer and sharing.....	87
2.13.1.1 Relationship between organizational capacity and knowledge transfer and sharing .....	88
2.13.1.2 Relationship between organizational motivation and knowledge transfer and sharing .....	91
2.13.1.3 Relationship between organizational environment and knowledge transfer and sharing .....	93
2.13.2 Relationship between organizational factors and trust .....	94
2.13.2.1 Relationship between organizational capacity and trust.....	94
2.13.2.2 Relationship between organizational motivation and trust.....	97
2.13.2.3 Relationship between organizational environment and trust.....	98
2.13.3 The mediating role of trust in organizational factors and knowledge transfer and sharing.....	100
2.13.4 Relationship between trust and knowledge transfer and sharing.....	106
2.14 Theoretical framework of the study .....	107
2.15 Summary of the chapter .....	108
<b>CHAPTER THREE METHODOLOGY .....</b>	<b>109</b>
3.1 Introduction.....	109
3.2 Research design.....	109
3.3 Unit of analysis and population of the study.....	111
3.4 Sample size and sampling techniques .....	112

3.5 Measurement of variables .....	117
3.6 Measures of dependent variable.....	118
3.7 Measures of independent variables .....	119
3.7.1 Measures of organizational capacity.....	119
3.7.2 Measures of organizational motivation.....	120
3.7.3 Measures of organizational environment.....	121
3.8 Measures of mediating variable .....	122
3.9 Pre-test and pilot test.....	129
3.10 Data collection procedure .....	131
3.11 Data analysis method .....	135
3.11.1 Descriptive analysis .....	135
3.11.2 Partial Least Squares (PLS) technique.....	136
3.11.2.1 The measurement model.....	138
3.11.2.2 The structural model.....	138
3.11.2.3 The prediction power, relevance, and the effect size of the Model.....	139
3.11.3 The mediating effects.....	139
3.12 Summary of the chapter .....	140
<b>CHAPTER FOUR RESULTS.....</b>	<b>141</b>
4.1 Introduction.....	141
4.2 Respondents' profile.....	141
4.3 Case screening.....	143
4.3.1 Accuracy of data input .....	144
4.3.2 Outliers.....	144

4.4 Variable screening.....	145
4.4.1 Missing data in columns .....	145
4.5 Testing for multicollinearity .....	146
4.6 Testing non-response bias .....	148
4.7 Testing the measurement model (Outer Model) using the PLS approach .....	150
4.7.1 The construct validity.....	151
4.7.1.1 The content validity .....	151
4.7.1.2 The convergent validity of the measures .....	153
4.7.1.3 Discriminant validity of the measurements .....	156
4.8 The assessment of the inner model and hypothesis testing procedures .....	158
4.8.1 Testing the relationship between organizational capacity	
and knowledge transfer and sharing.....	162
4.8.2 Testing the relationship between organizational capacity and trust.....	162
4.8.3 Testing the relationship between organizational motivation	
and knowledge transfer and sharing.....	163
4.8.4 Testing the relationship between organizational motivation and trust.....	163
4.8.5 Testing the relationship between organizational environment	
and knowledge transfer and sharing.....	163
4.8.6 Testing the relationship between organizational environment and trust .	164
4.8.7 Testing the relationship between trust and knowledge transfer	
and sharing .....	164
4.9 Prediction relevance of the model.....	165
4.9.1 Variance Explained ( $R^2$ ) .....	165
4.9.2 Cross-validated Community .....	165

4.10 Effect size.....	167
4.10.1 Effect size of trust .....	167
4.10.2 Effect size of knowledge transfer and sharing .....	168
4.11 Analysis of mediation effects.....	169
4.11.1 PLS structural indirect effects.....	169
4.11.2 Mediation results.....	170
4.11.3 The variance accounted for (VAF) .....	172
4.12 Summary of the findings.....	173
<b>CHAPTER FIVE DISCUSSION.....</b>	<b>176</b>
5.1 Introduction.....	176
5.2 Summary of study .....	176
5.3 Discussion .....	180
5.3.1 Relationship between organizational capacity and knowledge transfer and sharing.....	182
5.3.2 Relationship between organizational capacity and trust .....	184
5.3.3 Relationship between organizational motivation and knowledge transfer and sharing.....	187
5.3.4 Relationship between organizational motivation and trust.....	188
5.3.5 Relationship between organizational environment and knowledge transfer and sharing.....	189
5.3.6 Relationship between organizational environment and trust.....	191
5.3.7 Relationship between trust and knowledge transfer and sharing.....	192
5.4 The mediating role of trust in organizational factors and knowledge transfer and sharing.....	193

5.4.1 Insignificant mediation effects.....	194
5.4.2 Significant mediation effects .....	200
5.5 Implications of the study.....	202
5.5.1 Theoretical implication .....	202
5.5.2 Methodological implication.....	204
5.5.3 Practical implication .....	205
5.6 Limitations of study.....	207
5.7 Suggestions for future direction.....	209
5.8 Conclusion .....	210
References.....	213
Appendices.....	256

## LIST OF TABLES

Table	Page
Table 2.1 Motivators and inhibitor factor that impact knowledge transfer and sharing .....	31
Table 2.2 Factors that impact knowledge transfer and sharing and the researchers.	82
Table 3.1 Determining sample size from a given population.....	113
Table 3.2 Stratified sampling of the respondents .....	116
Table 3.3 Items and source of items for each variable .....	123
Table 3.4 Reliability statistics .....	130
Table 3.5 Reliability of each variable .....	130
Table 3.6 Questionnaire design .....	134
Table 3.7 Descriptive statistics of the dimensions .....	136
Table 4.1 Profile of the respondents.....	143
Table 4.2 Total and percentage of missing data .....	146
Table 4.3 Multicollinearity test .....	147
Table 4.4 Group statistics of early and late respondents (n=132) .....	149
Table 4.5 T-test results for non-response bias.....	149
Table 4.6 Factor analysis and cross loadings .....	152
Table 4.7 The convergent validity analysis (after deleting 19 items) .....	154
Table 4.8 Discriminant validity analysis .....	157
Table 4.9 Results of the inner structural model.....	161
Table 4.10 Prediction relevance of the model.....	166
Table 4.11 The effect size of trust and the interaction constructs.....	168

Table 4.12 The effect size of knowledge transfer and sharing and the interaction constructs.....	168
Table 4.13 Mediation results .....	171
Table 4.14 Summary of results for hypotheses testing .....	174





## LIST OF FIGURES

Figure	Page
Figure 2.1 The balanced scorecard.....	39
Figure 2.2 Conceptual framework adapted from Lusthaus et al. (2002 p10).....	44
Figure 2.3 Mayer, Davis, & Schoorman's (1995) Proposed Model of Trust (p. 715) .....	69
Figure 2.4 SECI model of knowledge creation. ....	78
Figure 2.5 Conceptual representation of ba.....	80
Figure 2.6 The hypothesized relationships between organizational capacity, organizational motivation, organizational environment, trust and knowledge transfer and sharing.....	108
Figure 4.1 Summary of missing values .....	146
Figure 4.2 The research model.....	150
Figure 4.3 Path model results.....	159
Figure 4.4 Path model significance results.....	160

## LIST OF APPENDICES

APPENDIX A RESEARCH QUESTIONNAIRE .....	256
APPENDIX B LETTER FOR DATA COLLECTION AND RESEARCH WORK.....	262
APPENDIX C FREQUENCY TEST.....	264
APPENDIX D RESULT OF UNIVARIATE ANALYSIS.....	265
APPENDIX E CHI-SQUARE DISTRIBUTION TABLE.....	292
APPENDIX F PLS OUTPUT FOR OVERALL MEASUREMENT MODEL .....	294
APPENDIX G PLS OUTPUT FOR OVERALL STRUCTURAL MODEL.....	295
APPENDIX H CALCULATED MEDIATION RESULTS.....	298
APPENDIX L APPENDIX F LIST OF PUBLICATIONS .....	300



## LIST OF ABBREVIATIONS

AMOS	Analysis of Moment Structures
AVE	Average Variance Extracted
CMC	Creative Multimedia Cluster
CR	Composite Reliability
CULT	Culture
D	Omission Distance
DV	Dependent Variable
ICT	Information and Communications Technology
IT	Information Technology
IHLs	Institutions of Higher Learning and Incubators
IVs	Independent Variables
HRP	Human Resource Practices
KM	Knowledge Management
KTS	Knowledge Transfer and Sharing
LS	Learning Strategy
LVs	Latent Variables
MDC	Multimedia Development Corporation
MSC	Multimedia Super Corridor
NET	Networks
OS	Organizational Structure
PCB	Public Complaints Bureau
PhD	Doctor of Philosophy
PLS	Partial Least Squares
Q <sup>2</sup>	Cross Validated Redundancy
R <sup>2</sup>	R-squared values
REW	Rewards
SSO	Shared Services & Outsourcing Cluster
SECI	Socialization, Externalization, Combination, Internalization
SEM	Structural Equation Modelling
PLS-SEM	Partial Least Squares Structural Equation Modelling
SMEs	Small & Medium-Sized Enterprises
SPSS	Statistical Package for the Social Sciences
SWT	<i>Subhanahu Wa Ta'ala</i>
TMS	Top Management Support
T	Trust
VAF	Variance Accounted For
UUM	Universiti Utara Malaysia

# CHAPTER ONE

## INTRODUCTION

### 1.1 Background of study

It has been widely known that the competitive advantage of organizations in today's economy occurs from knowledge assets (Wei, Siong & Kuan, 2009), which are determined as a process of creating and sharing knowledge effectively to increase organizational effectiveness. This is based on the fact that knowledge assets have been linked to organizational achievement as it is the source of competitive advantage (Wei et al., 2009). Therefore, organization's effectiveness can be improved through transferring and sharing useful knowledge. This is because knowledge plays an important role in creating competitive advantage in the organizations (Daud & Yusuf, 2008; Zack, McKeen & Singh, 2009).

However, it is also crucial to note that a sustainable economic development in a highly competitive world market requires a direct involvement in the generation of knowledge (Wei et al., 2009). In this respect, Malaysia has experienced a continuous transformation in the economy (Daud & Yusoff, 2011). For instance; On 1960, Malaysian depended on agricultural economy; in 1970s, manufacturing industry, and two decades later, in 1991, the Prime Minister of Malaysia, Dr. Mahathir bin Mohamad, emphasized that it is necessary to transform and develop the Malaysia economy towards a knowledge based economy in order to achieve vision of 2020 (Tasmin, Rusuli, & Hashim, 2010; Daud & Yusoff, 2011). Moreover, the establishment of the "Multimedia Super Corridor" (MSC) in 1996, started to change

The contents of  
the thesis is for  
internal user  
only

## References

- Abdul Karim Shahriza, N., Jalaldeen Mohamed Razi, M., & Mohamed, N. (2012). Measuring employee readiness for knowledge management using intention to be involved with KM SECI processes. *Business Process Management Journal*, 18 (5), 777-791.
- Aboyassin, N. A., & Abood, N. (2013). The effect of ineffective leadership on individual and organizational performance in Jordanian institutions. *Competitiveness Review: An International Business Journal*, 23(1), 68-84.
- Abrams, L. C., Cross, R., Lesser, E., & Levin, D. Z. (2003). Nurturing interpersonal trust in knowledge-sharing networks. *The Academy of Management Executive*, 17(4), 64-77.
- Agarwal, N. K., & Islam, M. A. (2015). Knowledge retention and transfer: how libraries manage employees leaving and joining. *VINE*, 45(2), 150-171.
- Akhavan, P., Ramezan, M., & Yazdi Moghaddam, J. (2013). Examining the role of ethics in knowledge management process: Case study: an industrial organization. *Journal of Knowledge-based Innovation in China*, 5(2), 129-145.
- Al-adaileh Moh'd, R., Dahou, K., & Hacini, I. (2012). The impact of knowledge conversion processes on implementing a learning organization strategy. *The Learning Organization*, 19(6), 482-496.
- Al-Adaileh, R. M., & Al-Atawi, M. S. (2011). Organizational culture impact on knowledge exchange: Saudi Telecom context. *Journal of Knowledge Management*, 15(2), 212-230.

- Al-Ahmad, W., Al-Fagih, K., Khanfar, K., Alsamara, K., Abuleil, S., & Abu-Salem, H. (2009). A taxonomy of an IT project failure: Root Causes. *International Management Review*, 5(1), 93-104.
- Al-alak, B. A., & Tarabieh, S. (2011). Gaining competitive advantage and organizational performance through customer orientation, innovation differentiation and market differentiation. *International Journal of Economics and Management Sciences*, 1(5), 80-91.
- Alam, S. S., & Noor, M. K. M. (2009). ICT adoption in small and medium enterprises: An empirical evidence of service sectors in Malaysia. *International Journal of Business and Management*, 4(2), p112-125.
- Alavi, M., & Leidner, D. E. (2001). Review: Knowledge management and knowledge management systems: Conceptual foundations and research issues. *MIS quarterly*, 25(1), 107-136.
- Albinsson, G., & Arnesson, K. (2012). Team learning activities: Reciprocal learning through the development of a mediating tool for sustainable learning. *The Learning Organization*, 19(6), 456-468.
- Al-Gharibeh, K. M. (2011). The knowledge enablers of knowledge transfer: an empirical study in telecommunications companies. *IBIMA Business Review*, 2011, 1-13.
- Al-Salti, Z., & Hackney, R. (2011). Factors impacting knowledge transfer success in information systems outsourcing. *Journal of Enterprise Information Management*, 24(5), 455-468.
- Altinay, L., & Altinay, M. (2004). The influence of organizational structure on

- entrepreneurial orientation and expansion performance. *International Journal of Contemporary Hospitality Management*, 16(6), 334-344.
- Aman, F., & Aitken, A. (2011). The indirect impacts of management support and commitment on knowledge management systems (KMS) adoption: Evidence from Malaysian Technology Industries. *African Journal of Business Management*, 5(27), 11131-11145.
- Amin, H., Abdul-Rahman, A.-R., & Abdul Razak, D. (2014). Theory of Islamic consumer behaviour: An empirical study of consumer behaviour of Islamic mortgage in Malaysia. *Journal of Islamic Marketing*, 5(2), 273-301.
- Ardichvili, A., Page, V., & Wentling, T. (2003). Motivation and barriers to participation in virtual knowledge-sharing communities of practice. *Journal of Knowledge Management*, 7(1), 64-77.
- Argote, L., & Ingram, P. (2000). Knowledge transfer: A basis for competitive advantage in firms. *Organizational Behavior and Human Decision Processes*, 82(1), 150-169.
- Arzi, S., Rabanifard, N., Nassajtarshizi, S., & Omran, N. (2013). Relationship among Reward System, Knowledge Sharing and Innovation Performance. *Interdisciplinary Journal of Contemporary Research in Business*, 5(6), 115-141.
- Astrachan, C. B., Patel, V. K., & Wanzanried, G. (2014). A comparative study of CB-SEM and PLS-SEM for theory development in family firm research. *Journal of Family Business Strategy*, 5(1), 116-128.
- Awang, Z. (2012). *Research methodology and data analysis*: Penerbit Universiti



Teknologi MARA Press.

- Awang, Z. (2013). *Structural equation modeling using AMOS graphic*: Penerbit Universiti Teknologi MARA.
- Bairi, J., Murali Manohar, B., & Kundu, K. (2011). A study of integrated KM in IT support services companies. *The Journal of Information and Knowledge Management Systems, 41*(3), 232-251.
- Bang, H., Ross, S., & Reio Jr, T. G. (2013). From motivation to organizational commitment of volunteers in non-profit sport organizations: The role of job satisfaction. *Journal of Management Development, 32*(1), 96-112.
- Baron, R. M., & Kenny, D. A. (1986). The moderator–mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. *Journal of Personality and Social Psychology, 51*(6), 1173-1182.
- Bartol, K. M., & Srivastava, A. (2002). Encouraging knowledge sharing: The role of organizational reward systems. *Journal of Leadership & Organizational Studies, 9*(1), 64-76.
- Bartram, T., & Casimir, G. (2007). The relationship between leadership and follower in-role performance and satisfaction with the leader: The mediating effects of empowerment and trust in the leader. *Leadership & Organization Development Journal, 28*(1), 4-19.
- Bennett, R., & Gabriel, H. (1999). Organizational factors and knowledge management within large marketing departments: an empirical study. *Journal of Knowledge Management, 3*(3), 212-225.

- Birasnav, M., & Rangnekar, S. (2012). The role of career management between human capital and interim leadership: An empirical study. *Journal of Advances in Management Research*, 9(1), 124-138.
- Birasnav, M., Rangnekar, S., & Dalpati, A. (2011). Transformational leadership and human capital benefits: The role of knowledge management. *Leadership & Organization Development Journal*, 32(2), 106-126.
- Boh Fong, W., Nguyen, T. T., & Xu, Y. (2013). Knowledge transfer across dissimilar cultures. *Journal of Knowledge Management*, 17(1), 29-46.
- Bolisani, E., & Scarso, E. (1999). Information technology management: a knowledge-based perspective. *Technovation*, 19(4), 209-217.
- Byrne, B. M. (2013). *Structural equation modeling with AMOS: Basic concepts, applications, and programming*: Routledge.
- Cabrera, E. F., & Cabrera, A. (2005). Fostering knowledge sharing through people management practices. *The International Journal of Human Resource Management*, 16(5), 720-735.
- Cambra-Fierro, J., Florin, J., Perez, L., & Whitelock, J. (2011). Inter-firm market orientation as antecedent of knowledge transfer, innovation and value creation in networks. *Management Decision*, 49(3), 444-467.
- Carrillo, F. J., Rivera-Vazquez, J. C., Ortiz-Fournier, L. V., & Rogelio Flores, F. (2009). Overcoming cultural barriers for innovation and knowledge sharing. *Journal of Knowledge Management*, 13(5), 257-270.
- Casimir, G., Ngee Keith Ng, Y., & Liou Paul Cheng, C. (2012). Using IT to share knowledge and the TRA. *Journal of Knowledge Management*, 16(3), 461-

479.

- Castro, I., & Roldán, J. L. (2013). A mediation model between dimensions of social capital. *International Business Review*, 22(6), 1034-1050.
- Cavaleri, S. A. (2004). Leveraging organizational learning for knowledge and performance. *The Learning Organization*, 11(2), 159-176.
- Cavana, R., Delahaye, B. L., & Sekeran, U. (2001). *Applied business research: Qualitative and quantitative methods*: John Wiley & Sons Australia.
- Chan, C. C., Lim, L., & Kuan Keasberry, S. (2003). Examining the linkages between team learning behaviors and team performance. *The Learning Organization*, 10(4), 228-236.
- Chaudhry, A. (2005). *Knowledge sharing practices in Asian institutions: a multi-cultural perspective from Singapore. World Library and Information Congress: 71th IFLA General Conference and Council "Libraries - A voyage of discovery" (1-8)*. Oslo, Norway. *IFLA 2005*.
- Chawla, D., & Joshi, H. (2011). Impact of knowledge management dimensions on learning organization across hierarchies in India. *VINE*, 41(3), 334-357.
- Chen, C.-J., & Huang, J.-W. (2009). Strategic human resource practices and innovation performance: The mediating role of knowledge management capacity. *Journal of Business Research*, 62(1), 104-114.
- Chen, J.-C., & Silverthorne, C. (2005). Leadership effectiveness, leadership style and employee readiness. *Leadership & Organization Development Journal*, 26(4), 280-288.
- Chen, S., Duan, Y., Edwards, J. S., & Lehaney, B. (2006). Toward understanding

- inter-organizational knowledge transfer needs in SMEs: insight from a UK investigation. *Journal of Knowledge Management*, 10(3), 6-23.
- Cheng, J.-H., Yeh, C.-H., & Tu, C.-W. (2008). Trust and knowledge sharing in green supply chains. *Supply Chain Management: An International Journal*, 13(4), 283-295.
- Chien, M.-H. (2004). A study to improve organizational performance: A view from SHRM. *Journal of American Academy of Business*, 4(1/2), 289-291.
- Cho, S. H., Song, J. H., Yun, S. C., & Lee, C. K. (2013). How the organizational learning process mediates the impact of strategic human resource management practices on performance in Korean organizations. *Performance Improvement Quarterly*, 25(4), 23-42.
- Choi, B., & Lee, H. (2002). Knowledge management strategy and its link to knowledge creation process. *Expert Systems with applications*, 23(3), 173-187.
- Choi, B., & Lee, H. (2003). An empirical investigation of KM styles and their effect on corporate performance. *Information & Management*, 40(5), 403-417.
- Chong Wei Chin, Choy Chong, S., & Chew Gan, G. (2011). Inter-organizational knowledge transfer needs among small and medium enterprises. *Library Review*, 60(1), 37-52.
- Cohen, A., Ben-Tura, E., & Vashdi, D. R. (2012). The relationship between social exchange variables, OCB, and performance: What happens when you consider group characteristics? *Personnel Review*, 41(6), 705-731.
- Cohen, J. (2013). *Statistical power analysis for the behavioral sciences*: Academic

press.

- Colquitt, J. A., Scott, B. A., & LePine, J. A. (2007). Trust, trustworthiness, and trust propensity: a meta-analytic test of their unique relationships with risk taking and job performance. *Journal of Applied Psychology, 92*(4), 909-927.
- Cooper, D., & Schindler, P. (2011). *Business Research Methods*. New York: McGraw-Hill/ Irwin, Eleventh Edition.
- Cruz Martín, N., Martín Pérez, V., & Trevilla Cantero, C. (2009). The influence of employee motivation on knowledge transfer. *Journal of Knowledge Management, 13*(6), 478-490.
- Cumberland, D., & Githens, R. (2012). Tacit knowledge barriers in franchising: practical solutions. *Journal of Workplace Learning, 24*(1), 48-58.
- Daud, S. (2012). Knowledge management processes in SMES and large firms: A comparative evaluation. *African Journal of Business Management, 6*(11), 4223-4233.
- Daud, S., & Yusoff, W. F. W. (2010). Knowledge management and firm performance in SMEs: The role of social capital as a mediating variable. *Asian Academy of Management Journal, 15*(2), 135-155.
- Daud, S., & Yusoff, W. F. W. (2011). How intellectual capital mediates the relationship between knowledge management processes and organizational performance. *African Journal of Business Management, 5*(7), 2607-2617.
- Daud, S., & Yusuf, W. (2008). An empirical study of knowledge management processes in Small and Medium Enterprises. *Communications of the IBIMA, 4*(22), 169-177.

- Davis, J. H., Schoorman, F. D., Mayer, R. C., & Tan, H. H. (2000). The trusted general manager and business unit performance: Empirical evidence of a competitive advantage. *Strategic Management Journal*, 21(5), 563-576.
- Deflorin, P., Dietl, H., Lang, M., & Scherrer-Rathje, M. (2012). The lead factory concept: benefiting from efficient knowledge transfer. *Journal of Manufacturing Technology Management*, 23(4), 517-534.
- Ding, Z., Fai Ng, F., & Wang, J. (2013). The mediation role of trust in knowledge sharing: A cognitive perspective in Chinese architectural design teams. *Engineering, Construction and Architectural Management*, 20(6), 604-619.
- Disterer, G. (2001). *Individual and social barriers to knowledge transfer*. Paper presented at the System Sciences, 2001. Proceedings of the 34th Annual Hawaii International Conference on.
- Donate Mario Javier, F., & Guadamillas, t. (2011). Organizational factors to support knowledge management and innovation. *Journal of Knowledge Management*, 15(6), 890-914.
- Dunford, R. (2000). Key challenges in the search for the effective management of knowledge in management consulting firms. *Journal of Knowledge Management*, 4(4), 295-302.
- Dzunic, M., Boljanovic, J. D., & Subotic, J. (2012). *The Importance of Concepts of Knowledge Management and Learning Organization in Managing the Knowledge-Flow in Organizations*. Paper presented at the Knowledge and Learning: Global Empowerment; Proceedings of the Management, Knowledge and Learning International Conference 2012.

- Eisenbach, R., Watson, K., & Pillai, R. (1999). Transformational leadership in the context of organizational change. *Journal of Organizational Change Management*, 12(2), 80-89.
- Evans, M. M. (2012). *Knowledge sharing: An empirical study of the role of trust and other social-cognitive factors in an organizational setting*. University of Toronto.
- Farahani, H. A., Rahiminezhad, A., & Same, L. (2010). A Comparison of Partial Least Squares (PLS) and Ordinary Least Squares (OLS) regressions in predicting of couples mental health based on their communicational patterns. *Procedia-Social and Behavioral Sciences*, 5, 1459-1463.
- Fathi Nurliza Mohammed, E. U. C., & Goh Gerald Guan Gan (2011). Key determinants of knowledge sharing in an electronics manufacturing firm in Malaysia. *Library Review*, 60(1), 53-67.
- Feng, T., & Zhao, G. (2014). Top management support, inter-organizational relationships and external involvement. *Industrial Management & Data Systems*, 114(4), 526-549.
- Fernandez-Perez, V., Jesus Garcia-Morales, V., & Fernando Bustinza-Sanchez, O. (2012). The effects of CEOs' social networks on organizational performance through knowledge and strategic flexibility. *Personnel Review*, 41(6), 777-812.
- Fong Boh, W., Nguyen, T. T., & Xu, Y. (2013). Knowledge transfer across dissimilar cultures. *Journal of Knowledge Management*, 17(1), 29-46.
- Fong, C.-Y., Ooi, K.-B., Tan, B.-I., Lee, V.-H., & Yee-Loong Chong, A. (2011).

- HRM practices and knowledge sharing: an empirical study. *International Journal of manpower*, 32(5/6), 704-723.
- Fornell, C., & Larcker, D. F. (1981). Evaluating structural equation models with unobservable variables and measurement error. *Journal of Marketing Research*, 18(1), 39-50.
- Fry, L. W. (2003). Toward a theory of spiritual leadership. *The leadership Quarterly*, 14(6), 693-727.
- Fry, L. W., Hannah, S. T., Noel, M., & Walumbwa, F. O. (2011). Retracted: Impact of spiritual leadership on unit performance. *The Leadership Quarterly*, 22(2), 259-270.
- Gan, G. G. G., Ryan, C., & Gururajan, R. (2006). The effects of culture on knowledge management practice: A qualitative case study of MSC status companies. *Journal of Malaysian Studies*, 24(1/2), 97-128.
- Gearhart, J. (1999). Activity Based Management and Performance Measurement Systems. *Government Finance Review*, 15(1), 13-16.
- Geisser, S. (1974). A predictive approach to the random effect model. *Biometrika*, 61(1), 101-107.
- Gleason, J. M., & Barnum, D. T. (1982). Toward valid measures of public sector productivity: performance measures in urban transit. *Management Science*, 28(4), 379-386.
- Gosain, S. (2007). Mobilizing software expertise in personal knowledge exchanges. *The Journal of Strategic Information Systems*, 16(3), 254-277.
- Gould-Williams, J. (2003). The importance of HR practices and workplace trust in



achieving superior performance: a study of public-sector organizations.

*International Journal of Human Resource Management*, 14(1), 28-54.

Grant, R. M. (1996). Toward a knowledge-based theory of the firm. *Strategic Management Journal*, 17(S2), 109-122.

Guechtouli, W., Rouchier, J., & Orillard, M. (2013). Structuring knowledge transfer from experts to newcomers. *Journal of Knowledge Management*, 17(1), 47-68.

Gurteen, D. (1999). Creating a knowledge sharing culture. *Knowledge Management Magazine*, 2(5), 1-4.

Hair F Jr, J., Sarstedt, M., Hopkins, L., & G. Kuppelwieser, V. (2014). Partial least squares structural equation modeling (PLS-SEM) An emerging tool in business research. *European Business Review*, 26(2), 106-121.

Hair, J.; Black, W.; Babin, B., & Anderson, R. (2010). *Advanced diagnostics for multiple regression: A supplement to multivariate data analysis*: Upper Saddle River, NJ: Prentice Hall.

Hair, J. F. (2010). *Multivariate data analysis*. New Jersey: Pearson Prentice Hall, Seventh Edition.

Hair, J. F., Ringle, C. M., & Sarstedt, M. (2011). PLS-SEM: Indeed a silver bullet. *Journal of Marketing Theory and Practice*, 19(2), 139-152.

Hair, J. F., Sarstedt, M., Pieper, T. M., & Ringle, C. M. (2012). The use of partial least squares structural equation modeling in strategic management research: a review of past practices and recommendations for future applications. *Long range planning*, 45(5), 320-340.

- Hair, J. F., Sarstedt, M., Ringle, C. M., & Mena, J. A. (2012). An assessment of the use of partial least squares structural equation modeling in marketing research. *Journal of the Academy of Marketing Science*, 40(3), 414-433.
- Halachmi, A., & Bouckaert, G. (1994). Performance measurement, organizational technology and organizational design. *Work Study*, 43(3), 19-25.
- Hamid, N. A. A., & Salim, J. (2010). Inter-organizational knowledge transfer through Malaysia e-government IT outsourcing: A theoretical review. *World Academy of Science, Engineering and Technology*, 4(6), 280-289.
- Hamid, N. A. A., & Salim, J. (2011). A conceptual framework of knowledge transfer in Malaysia e-government IT outsourcing: an integration with transactive memory system (TMS). *IJCSI International Journal of Computer Science*, 8(3), 51-64.
- Hao, Q., Kasper, H., & Muehlbacher, J. (2012). How does organizational structure influence performance through learning and innovation in Austria and China. *Chinese Management Studies*, 6(1), 36-52.
- Hardwick, J., Anderson, A. R., & Cruickshank, D. (2013). Trust formation processes in innovative collaborations: Networking as knowledge building practices. *European Journal of Innovation Management*, 16(1), 4-21.
- Harris, L. C., & Ogbonna, E. (2001). Leadership style and market orientation: an empirical study. *European journal of marketing*, 35(5/6), 744-764.
- Harvey, J.-F. (2012). Managing organizational memory with intergenerational knowledge transfer. *Journal of Knowledge Management*, 16(3), 400-417.
- Hashim, F. B. (2012). *An empirical study of knowledge management processes in*

*audit firms in Malaysia. 2nd international conference on management (2nd ICM 2012) proceeding, (pp. 1128-1142). Holiday villa beach resort & spa, Langkawi, Kedah, Malaysia.*

Hassan, M. S., Shaffril, M., Azril, H., & D'Silva, J. L. (2009). Problems and obstacles in using information and communication technology (ICT) among Malaysian agro-based entrepreneurs. *European Journal of Scientific Research, 36*(1), 93-101.

Hauke, A. (2006). *Impact of Cultural Differences on Knowledge Transfer in British, Hungarian and Polish Enterprises. FEEM Research Paper.*

Hayes, A. F. (2009). Beyond Baron and Kenny: Statistical mediation analysis in the new millennium. *Communication Monographs, 76*(4), 408-420.

Hayes, A. F., & Preacher, K. J. (2010). Quantifying and testing indirect effects in simple mediation models when the constituent paths are nonlinear. *Multivariate Behavioral Research, 45*(4), 627-660.

Heeks, R. (2003). *Most eGovernment-for-development projects fail: how can risks be reduced? Institute for Development Policy and Management, University of Manchester Manchester.*

Heffernan, M. M., & Flood, P. C. (2000). An exploration of the relationships between the adoption of managerial competencies, organizational characteristics, human resource sophistication and performance in Irish organizations. *Journal of European Industrial Training, 24*(2/3/4), 128-136.

Henri, J.-F. (2004). Performance measurement and organizational effectiveness: Bridging the gap. *Managerial Finance, 30*(6), 93-123.

- Henseler, J., Ringle, C. M., & Sarstedt, M. (2015). A new criterion for assessing discriminant validity in variance-based structural equation modeling. *Journal of the Academy of Marketing Science*, 43(1), 115-135.
- Henseler, J., Ringle, C. M., & Sinkovics, R. R. (2009). The use of partial least squares path modeling in international marketing. *Advances in International Marketing (AIM)*, 20, 277-320.
- Ho, L.-A. (2011). Meditation, learning, organizational innovation and performance. *Industrial Management & Data Systems*, 111(1), 113-131.
- Ho, L.-A., Kuo, T.-H., & Lin, B. (2012). How social identification and trust influence organizational online knowledge sharing. *Internet Research*, 22(1), 4-28.
- Ho, L.-A., Kuo, T.-H., Lin, C., & Lin, B. (2010). The mediate effect of trust on organizational online knowledge sharing: An empirical study. *International Journal of Information Technology & Decision Making*, 9(04), 625-644.
- House, R. J., & Aditya, R. N. (1997). The social scientific study of leadership: Quo vadis? *Journal of management*, 23(3), 409-473.
- Humphreys, J. H., & Einstein, W. O. (2003). Nothing new under the sun: Transformational leadership from a historical perspective. *Management Decision*, 41(1), 85-95.
- Husted, K., Michailova, S., & Minbaeva, D. (2005). *Knowledge sharing and organizational performance: the role of extrinsic and intrinsic motives. Paper presented at the 8th International Human Resource Management Conference, Cairns, Australia, and Copenhagen Business School.*

- Ikhsana, S. O. S. S., & Rowlandb, F. (2004). *Knowledge Management in a Public Organization in Malaysia: Do People Really Share? Knowledge Management International Conference and Exhibition 2004 (KMICE 2004), 14-15 February 2004, Evergreen Laurel Hotel, Penang.*
- Ismail, M. B., & Yusof, Z. M. (2009). The relationship between knowledge sharing, employee performance and service delivery in public sector organizations: a theoretical framework. *Public Sector ICT Management Review*, 3(1), 37-45.
- Ismail, M. B., & Yusof, Z. M. (2010). The impact of individual factors on knowledge sharing quality. *Journal of Organizational Knowledge Management*, 2010(2010), 1-13.
- Ittner, C. D., & Larcker, D. F. (1998). Are nonfinancial measures leading indicators of financial performance? An analysis of customer satisfaction. *Journal of Accounting Research*, 36, 1-35.
- Jaafar, M., Ramayah, T., Abdul-Aziz, A.-R., & Saad, B. (2007). Technology readiness among managers of Malaysian construction firms. *Engineering, Construction and Architectural Management*, 14(2), 180-191.
- Jabr, N. H. (2007). Physicians' attitudes towards knowledge transfer and sharing. *Competitiveness Review: An International Business Journal*, 17(4), 248-260.
- Jabar, J., Soosay, C., & Santa, R. (2011). Organizational learning as an antecedent of technology transfer and new product development: A study of manufacturing firms in Malaysia. *Journal of Manufacturing Technology Management*, 22(1), 25-45.
- Jahani, S., Ramayah, T., & Effendi, A. A. (2011). Is reward system and leadership

- important in knowledge sharing among academics? *American Journal of Economics and Business Administration*, 3(1), 87-94.
- Jain, K. K., Sandhu, M. S., & Goh, S. K. (2015). Organizational climate, trust and knowledge sharing: insights from Malaysia. *Journal of Asia Business Studies*, 9(1), 54-77.
- Jing, F. F., & Avery, G. C. (2011). Missing links in understanding the relationship between leadership and organizational performance. *International Business & Economics Research Journal (IBER)*, 7(5), 67-78.
- Johannessen, J.-A. (2008). Organizational innovation as part of knowledge management. *International Journal of Information Management*, 28(5), 403-412.
- Jong De, J. P., & Den Hartog, D. N. (2007). How leaders influence employees' innovative behaviour. *European Journal of Innovation Management*, 10(1), 41-64.
- Jöreskog, K. G., & Sörbom, D. (1993). *LISREL 8: Structural equation modeling with the SIMPLIS command language*: Scientific Software International.
- Joseph, C. S., & Winston, J. (2005). Defining and Measuring Servant Leadership Behaviour in Organizations. *Leadership & Organization Development Journal*, 30(1), 4-15.
- Jun-ying, L. (2010). *A study on the relationship of organizational learning, strategic change and organizational performance*. Paper presented at the Management Science and Engineering (ICMSE), 2010 International Conference on Management Science & Engineering (17th), (470-476).

Melbourne, Australia.

- Jusoh, R. (2007). *The use of multiple performance measures among the balanced scorecard adopters and non-adopters: evidence from the Malaysian manufacturers. Paper presented at the International Conference on Global Research in Business and Economics, 27-29 December 2009, Bangkok, Thailand.*
- Kaplan, R., & Norton, D. (1992). The Balanced Scorecard. Measures that drive performance”, *Harvard Business Review*, 70(1), 71–79.
- Karlsen Terje, J., Hagman, L., & Pedersen, T. (2011). Intra-project transfer of knowledge in information systems development firms. *Journal of Systems and Information Technology*, 13(1), 66-80.
- Kaše, R., Paauwe, J., & Zupan, N. (2009). HR practices, interpersonal relations, and intrafirm knowledge transfer in knowledge-intensive firms: a social network perspective. *Human Resource Management*, 48(4), 615-639.
- Kassim, N, M. R., T, & Kurnia, S. (2012). Antecedents and outcomes of human resource information system (HRIS) use. *International Journal of Productivity and Performance Management*, 61(6), 603-623.
- Khachlounf Rejeb, N., Mezghani, L., & Quélin, B. (2011). Personal networks and knowledge transfer in inter-organizational networks. *Journal of Small Business and Enterprise Development*, 18(2), 278-297.
- Khalifa, M., & Liu, V. (2003). Determinants of successful knowledge management programs. *Electronic Journal on Knowledge Management*, 1(2), 103-112.
- Khan, M. N. A. A., Baharun, R., Rahim, K. A., & Zakuan, N. (2011). An Empirical

Evidence of Performance Measurement of Audit Firms in Malaysia.

*International Business Research*, 4(4), 191-198.

Khan, M. N. A. A., & Ismail, N. A. (2013). An Empirical Investigation of Selected Aspects on Internet Financial Reporting in Malaysia. *Sains Humanika*, 64(3), 39-47.

Khoo, B. T. (2009). *MSC Malaysia 2.0: Accelerating economic growth executive discourse: making it a reality*. National ICT seminar, Putrajaya, Malaysia.

Khozai, F., Ramayah, T., Sanusi Hassan, A., & Surlenty, L. (2012). Sense of attachment to place and fulfilled preferences, the mediating role of housing satisfaction. *Property Management*, 30(3), 292-310.

King, R. C., Xia, W., Campbell Quick, J., & Sethi, V. (2005). Socialization and organizational outcomes of information technology professionals. *Career Development International*, 10(1), 26-51.

Kivipõld, K., & Vadi, M. (2013). Market orientation in the context of the impact of leadership capability on performance. *International Journal of Bank Marketing*, 31(5), 368-387.

Kloot, L. (1999). Performance measurement and accountability in Victorian local government. *International Journal of Public Sector Management*, 12(7), 565-584.

Ko, D.-G., Kirsch, L. J., & King, W. R. (2005). Antecedents of knowledge transfer from consultants to clients in enterprise system implementations. *MIS Quarterly*, 29(1), 59-85.

Krasman, J. (2014). Do my staff trust me? The influence of organizational structure



- on subordinate perceptions of supervisor trustworthiness. *Leadership & Organization Development Journal*, 35(5), 470-488.
- Krejcie, R. V., & Morgan, D. W. (1970). Determining sample size for research activities. *Educational and Psychological Measurement*, 30, 607-610.
- Kriemadis, T., Pelagidis, T., & Kartakoullis, N. (2012). The role of organizational culture in Greek businesses. *EuroMed Journal of Business*, 7(2), 129-141.
- Krishnan, V. R. (2004). Impact of transformational leadership on followers' influence strategies. *Leadership & Organization Development Journal*, 25(1), 58-72.
- Krogh Von, G. (1998). Care. *Calif Manage Rev*, 40, 133.
- Krogh Von, G., Ichijo, K., & Nonaka, I. (2000). *Enabling knowledge creation: How to unlock the mystery of tacit knowledge and release the power of innovation*: Oxford University Press.
- Krogh Von, G., Nonaka, I., & Ichijo, K. (1997). Develop knowledge activists! *European Management Journal*, 15(5), 475-483.
- Kuada, J. (2010). Culture and leadership in Africa: a conceptual model and research agenda. *African Journal of Economic and Management Studies*, 1(1), 9-24.
- Kumar Ajith, J., & Ganesh, L. (2009). Research on knowledge transfer in organizations: a morphology. *Journal of Knowledge Management*, 13(4), 161-174.
- Kumar, M., Talib, S. A., & Ramayah, T. (2013). *Business research methods*: Oxford Fajar/Oxford University Press.
- Kumaraswamy Kipka, C., Sita Nirmala, K., & Chitale, C. (2012). Collaborative

- knowledge sharing strategy to enhance organizational learning. *Journal of Management Development*, 31(3), 308-322.
- Lakshman, C. (2007). Organizational knowledge leadership: a grounded theory approach. *Leadership & Organization Development Journal*, 28(1), 51-75.
- Lane, P. J., Salk, J. E., & Lyles, M. A. (2001). Absorptive capacity, learning, and performance in international joint ventures. *Strategic Management Journal*, 22(12), 1139-1161.
- Latifi, M., & Shooshtarian, Z. (2014). The effects of organizational structure on organizational trust and effectiveness. *Polish Journal of Management Studies*, 10(2), 73--84.
- Lauring, J., & Selmer, J. (2011). Multicultural organizations: common language, knowledge sharing and performance. *Personnel Review*, 40(3), 324-343.
- Lee, C. K., & Al-Hawamdeh, S. (2002). Factors impacting knowledge sharing. *Journal of Information & Knowledge Management*, 1(01), 49-56.
- Lee, D.-J., Pae, J. H., & Wong, Y. (2001). A model of close business relationships in China (guanxi). *European Journal of Marketing*, 35(1/2), 51-69.
- Lee, H., & Choi, B. (2003). Knowledge management enablers, processes, and organizational performance: An integrative view and empirical examination. *Journal of Management Information Systems*, 20(1), 179-228.
- Lee, H.-W., & Yu, C.-F. (2011). Effect of organizational relationship style on the level of knowledge sharing. *International Journal of Manpower*, 32(5/6), 677-686.
- Lee, L., Petter, S., Fayard, D., & Robinson, S. (2011). On the use of partial least

- squares path modeling in accounting research. *International Journal of Accounting Information Systems*, 12(4), 305-328.
- Lee, N. (2006). Measuring the performance of public sector organizations: a case study on public schools in Malaysia. *Measuring Business Excellence*, 10(4), 50-64.
- Levin, D. Z., & Cross, R. (2004). The strength of weak ties you can trust: The mediating role of trust in effective knowledge transfer. *Management Science*, 50(11), 1477-1490.
- Li, Z., & Luo, F. (2010). The Influence Path of Social Capital on Knowledge Transfer Performance: The Mediating Role of Organizational Learning. *Proceedings from ISECS*, 10, 179-183.
- Lin, C.-Y., & Kuo, T.-H. (2007). The mediate effect of learning and knowledge on organizational performance. *Industrial Management & Data Systems*, 107(7), 1066-1083.
- Lin, H.-F. (2007). Knowledge sharing and firm innovation capability: an empirical study. *International Journal of Manpower*, 28(3/4), 315-332.
- Ling, C. T. N. (2011). Culture and trust in fostering knowledge-sharing. *Electronic Journal of Knowledge Management*, 9(4), 328-339.
- Ling Wai, C., Sandhu, M. S., & Kishore Jain, K. (2009). Knowledge sharing in an American multinational company based in Malaysia. *Journal of Workplace Learning*, 21(2), 125-142.
- Liyanage, C., Elhag, T., Ballal, T., & Li, Q. (2009). Knowledge communication and translation-a knowledge transfer model. *Journal of Knowledge Management*,

13(3), 118-131.

Lucas, L. M. (2005). The impact of trust and reputation on the transfer of best practices. *Journal of Knowledge Management*, 9(4), 87-101.

Lusthaus, C., M.H. Adrien, G. Anderson, F. Carden and G.P. Montalvan. (2002). *Organizational assessment: A framework for improving performance*. Ottawa/Washington DC: International Development Research Centre and Inter-American Development Bank: IDRC.

Lusthaus, C., & Adrien, M.-H. (1998). *Organizational assessment: A review of experience*. *Universalia Occasional Paper*, 31.

Lusthaus, C., Anderson, G., & Murphy, E. (1995). *Institutional assessment: A framework for strengthening organizational capacity for IDRC's research partners*: IDRC.

Liyanae, C., Elhag, T., Ballal, T. and Li, Q. P. (2009). Knowledge communication and translation - a knowledge transfer model, *Journal of Knowledge Management*, 13(3), 118-131.

Mahmoudsalehi, M., Moradkhannejad, R., & Safari, K. (2012). How knowledge management is affected by organizational structure. *The Learning Organization*, 19(6), 518-528.

Maidin, S. S., & Arshad, N. H. (2010). *IT governance practices model in IT project approval and implementation in Malaysian public sector*. Paper presented at the *Electronics and Information Engineering (ICEIE), 2010 International Conference On*.

Makhamreh, M. (2000). *Corporate performance in Jordan: A study of the banking*

- sector. *The Arab Bank Review*, 2(2), 40-48.
- Markova, G., & Ford, C. (2011). Is money the panacea? Rewards for knowledge workers. *International Journal of Productivity and Performance Management*, 60(8), 813-823.
- Martinkenaite, I. (2012). Antecedents of knowledge transfer in acquisitions. *Baltic Journal of Management*, 7(2), 167-184.
- Martín-Pérez, V., Martín-Cruz, N., & Estrada-Vaquero, I. (2012). The influence of organizational design on knowledge transfer. *Journal of Knowledge Management*, 16(3), 418-434.
- Mayer, R. C., Davis, J. H., & Schoorman, F. D. (1995). An integrative model of organizational trust. *Academy of Management Review*, 20(3), 709-734.
- McAdam, R., & Reid, R. (2000). A comparison of public and private sector perceptions and use of knowledge management. *Journal of European Industrial Training*, 24(6), 317-329.
- McAllister, D. J. (1995). Affect-and cognition-based trust as foundations for interpersonal cooperation in organizations. *Academy of Management Journal*, 38(1), 24-59.
- McEvily, B., & Tortoriello, M. (2011). Measuring trust in organisational research: Review and recommendations. *Journal of Trust Research*, 1(1), 23-63.
- McKeen, J. D., Zack, M. H., & Singh, S. (2006). *Knowledge management and organizational performance: an exploratory survey. Paper presented at the System Sciences, 2006. HICSS'06. Proceedings of the 39th Annual Hawaii International Conference on.*

- McMillan James, H. S. S. (2006). *Research in education: Evidence based inquiry*:  
Boston: Pearson.
- McMurray, A. J., Islam, M., Sarros, J. C., & Pirola-Merlo, A. (2012). The impact of  
leadership on workgroup climate and performance in a non-profit  
organization. *Leadership & Organization Development Journal*, 33(6), 522-  
549.
- MDC. (2015). Official Portal - Multimedia Development Corporation. Retrieved 21  
February 2015, from [http://www.mscomalaysia.my/status\\_company](http://www.mscomalaysia.my/status_company)  
Investment in The Services Sector/2012/06%20ICT.pdf.
- Meddour Houcine, Abdul Majid. A. H., & Yusoff Rushami Z. (2015).  
*Organizational Capacity, Organizational Motivation, External Environment  
and Knowledge Transfer and Sharing: A Conceptual Framework*. Paper  
presented at the 3rd International Conference on Business Strategy and Social  
Sciences, (3-4 October), Langkawi Lagoon Resort, Malaysia.
- Migdadi, M. (2009). Knowledge management enablers and outcomes in the small-  
and-medium sized enterprises. *Industrial Management & Data Systems*,  
109(6), 840-858.
- Mills, A. M., & Smith, T. A. (2011). Knowledge management and organizational  
performance: a decomposed view. *Journal of Knowledge Management*,  
15(1), 156-171.
- Minbaeva, D. B. (2005). HRM practices and MNC knowledge transfer. *Personnel  
Review*, 34(1), 125-144.
- Mishra, B., & Uday Bhaskar, A. (2011). Knowledge management process in two

- learning organisations. *Journal of Knowledge Management*, 15(2), 344-359.
- Moxham, C. (2009). Performance measurement: Examining the applicability of the existing body of knowledge to nonprofit organizations. *International Journal of Operations & Production Management*, 29(7), 740-763.
- Moynihan, D. P., & Pandey, S. K. (2007). The role of organizations in fostering public service motivation. *Public administration review*, 67(1), 40-53.
- Muijs, D. (2011). Leadership and organizational performance: from research to prescription? *International Journal of Educational Management*, 25(1), 45-60.
- Mukherjee, D., Lahiri, S., Mukherjee, D., & Billing, T. K. (2012). Leading virtual teams: how do social, cognitive, and behavioral capabilities matter? *Management Decision*, 50(2), 273-290.
- Muneer, S., Iqbal, S. M. J., Khan, R., & Long, C. S. (2014). An incorporated structure of perceived organizational support, knowledge-sharing behavior, organizational trust and organizational commitment: a strategic knowledge management approach. *Pakistan Journal of Commerce and Social Sciences*, 8(1), 42-57.
- Mwita John, I. (2000). Performance management model: a systems-based approach to public service quality. *International Journal of Public Sector Management*, 13(1), 19-37.
- Neely, A., Gregory, M., & Platts, K. (2005). Performance measurement system design: a literature review and research agenda. *International Journal of Operations & Production Management*, 25(12), 1228-1263.

- Neely, A., Mills, J., Platts, K., Richards, H., Gregory, M., Bourne, M., & Kennerley, M. (2000). Performance measurement system design: developing and testing a process-based approach. *International Journal of Operations & Production Management*, 20(10), 1119-1145.
- Neupane, A., Soar, J., Vaidya, K., & Yong, J. (2014). Willingness to adopt e-procurement to reduce corruption: Results of the PLS Path modeling. *Transforming Government: People, Process and Policy*, 8(4), 500-520.
- Newman, A., & Sheikh, A. Z. (2012). Organizational rewards and employee commitment: a Chinese study. *Journal of Managerial Psychology*, 27(1), 71-89.
- Nielsen, B. B., & Nielsen, S. (2009). Learning and innovation in international strategic alliances: An empirical test of the role of trust and tacitness. *Journal of Management Studies*, 46(6), 1031-1056.
- Nonaka, I. (1994). A dynamic theory of organizational knowledge creation. *Organization science*, 5(1), 14-37.
- Nonaka, I. (1991). The Knowledge-Creating Company, *Harvard Business Review*, 69(6), 96-104.
- Nonaka, I., Byosiere, P., Borucki, C. C., & Konno, N. (1994). Organizational knowledge creation theory: a first comprehensive test. *International Business Review*, 3(4), 337-351.
- Nonaka, I., & Konno, N. (1998). The concept of "Ba": building a foundation for knowledge creation. *California Management Review*, 40(3), 40-54.
- Nonaka, I., & Takeuchi, H. (1995). The knowledge creation company: how Japanese



companies create the dynamics of innovation: New York: Oxford University Press.

Nonaka, I., & Toyama, R. (2003). The knowledge-creating theory revisited: knowledge creation as a synthesizing process. *Knowledge Management Research & Practice*, 1(1), 2-10.

Nonaka, I., & Toyama, R. (2005). The theory of the knowledge-creating firm: subjectivity, objectivity and synthesis. *Industrial and Corporate Change*, 14(3), 419-436.

Nonaka, I., Toyama, R., & Konno, N. (2000). SECI, Ba and leadership: a unified model of dynamic knowledge creation. *Long range Planning*, 33(1), 5-34.

Northcott, D., & Ma'amora Taulapapa, T. (2012). Using the balanced scorecard to manage performance in public sector organizations: Issues and challenges. *International Journal of Public Sector Management*, 25(3), 166-191.

Ocasio, W. (1997). Towards an attention-based view of the Firm William Ocaslo. *Strategic Management Journal* 18(1), 187-206.

Ogbonna, E., & Harris, L. C. (2000). Leadership style, organizational culture and performance: empirical evidence from UK companies. *International Journal of Human Resource Management*, 11(4), 766-788.

On Wai, L., Liang, X., Priem, R., & Shaffer, M. (2013). Top management team trust, behavioral integration and the performance of international joint ventures. *Journal of Asia Business Studies*, 7(2), 99-122.

Ooi, K.-B., Cheah, W.-C., Lin, B., & Teh, P.-L. (2012). TQM practices and knowledge sharing: An empirical study of Malaysia's manufacturing

- organizations. *Asia Pacific Journal of Management*, 29(1), 59-78.
- Orey, M. (2011). Results based leadership. *Industrial and Commercial Training*, 43(3), 146-150.
- Osmani, M., Zaidi, A. R. M., & Nilashi, M. (2014). Motivational factors, trust and knowledge sharing in organizations. *International Journal of Innovation and Scientific Research*, 12(2), 463-474.
- Osterloh, M., & Frey, B. S. (2000). Motivation, knowledge transfer, and organizational forms. *Organization Science*, 11(5), 538-550.
- Owen, K., Mundy, R., Guild, W., & Guild, R. (2001). Creating and sustaining the high performance organization. *Managing Service Quality: An International Journal*, 11(1), 10-21.
- Pak, Y. S., & Park, Y.-R. (2004). A framework of knowledge transfer in cross-border joint ventures: An empirical test of the Korean context. *MIR: Management International Review*, 44(4), 417-434.
- Palacios-Marqués et al., (2013), D., Peris-Ortiz, M., & Merigó, J. M. (2013). The effect of knowledge transfer on firm performance: An empirical study in knowledge-intensive industries. *Management Decision*, 51(5), 973-985.
- Pallant, J., & Manual, S. S. (2010). *A step by step guide to data analysis using the SPSS program. SPSS survival manual 4th ed*, 494.
- Pan, S. L., & Scarbrough, H. (1999). Knowledge management in practice: An exploratory case study. *Technology Analysis & Strategic Management*, 11(3), 359-374.
- Pangil, F., & Moi Chan, J. (2014). The mediating effect of knowledge sharing on the

- relationship between trust and virtual team effectiveness. *Journal of Knowledge Management*, 18(1), 92-106.
- Pardo, T. A., Cresswell, A. M., Thompson, F., & Zhang, J. (2006). Knowledge sharing in cross-boundary information system development in the public sector. *Information Technology and Management*, 7(4), 293-313.
- Paulin, D., & Suneson, K. (2012). Knowledge transfer, knowledge sharing and knowledge Barriers-Three blurry terms in KM. *The Electronic Journal of Knowledge Management*, 10(1), 81-91.
- PCB. (2015). Public Complaints Bureau. Retrieved 21 February, 2015, from <http://www.pcb.gov.my/en/complaint/statistics-by-year>.
- Phang, M. M., & Foong, S.-Y. (2010). Information communication technologies (ICTs) and knowledge sharing: The case of professional accountants in Malaysia. *World Journal of Science, Technology and Sustainable Development*, 7(1), 21-35.
- Pitt, M., & Tucker, M. (2008). Performance measurement in facilities management: driving innovation? *Property Management*, 26(4), 241-254.
- Pollanen, R. M. (2005). Performance measurement in municipalities: Empirical evidence in Canadian context. *International Journal of Public Sector Management*, 18(1), 4-24.
- Pollitt, C., Girre, X., Lonsdale, J., Mul, R., Summa, H., & Waerness, M. (1999). *Performance or compliance? Performance audit and public management in five countries. OUP Catalogue*.
- Rahman Sabbir, M., & Hussain, B. (2014). The impact of trust, motivation and

- rewards on knowledge sharing attitudes among the secondary and higher secondary level students“ Evidence from Bangladesh. *Library Review*, 63(8/9), 637-652.
- Razali Najib, M., & Juanil, D. M. (2011). A study on knowledge management implementation in property management companies in Malaysia. *Facilities*, 29(9/10), 368-390.
- Rempel, J. K., Holmes, J. G., & Zanna, M. P. (1985). Trust in close relationships. *Journal of personality and social psychology*, 49(1), 95.
- Renzl, B. (2008). Trust in management and knowledge sharing: The mediating effects of fear and knowledge documentation. *Omega*, 36(2), 206-220.
- Rhodes, J., Hung, R., Lok, P., Ya-Hui Lien, B., & Wu, C.-M. (2008). Factors influencing organizational knowledge transfer: Implication for corporate performance. *Journal of Knowledge Management*, 12(3), 84-100.
- Riege, A. (2005). Three-dozen knowledge-sharing barriers managers must consider. *Journal of Knowledge Management*, 9(3), 18-35.
- Riege, A. (2007). Actions to overcome knowledge transfer barriers in MNCs. *Journal of Knowledge Management*, 11(1), 48-67.
- Rivera-Vazquez, J. C., Ortiz-Fournier, L. V., & Rogelio Flores, F. (2009). Overcoming cultural barriers for innovation and knowledge sharing. *Journal of Knowledge Management*, 13(5), 257-270
- Ryssel, R., Ritter, T., & Georg Gemünden, H. (2004). The impact of information technology deployment on trust, commitment and value creation in business relationships. *Journal of Business & Industrial Marketing*, 19(3), 197-207.

- Said, M. F., Adham, K. A., Abdullah, N. A., Hänninen, S., & Walsh, S. T. (2012). Incubators and government policy for developing it industry and region in emerging economies. *Asian Academy of Management Journal*, 17(1), 65-96.
- Salkind, N. J. (1997). *Exploring research* (3rd ed.). New Jersey: Prentice Hall.
- Sandhu Singh, M., Kishore Jain, K., & Umi Kalthom bte Ahmad, I. (2011). Knowledge sharing among public sector employees: evidence from Malaysia. *International Journal of Public Sector Management*, 24(3), 206-226.
- Sankowska, A. (2013). Relationships between organizational trust, knowledge transfer, knowledge creation, and firm's innovativeness. *The Learning Organization*, 20(1), 85-100.
- Sarstedt, M., Ringle, C. M., Smith, D., Reams, R., & Hair, J. F. (2014). Partial least squares structural equation modeling (PLS-SEM): A useful tool for family business researchers. *Journal of Family Business Strategy*, 5(1), 105-115.
- Schulz, M., & Jobe, L. A. (2001). Codification and tacitness as knowledge management strategies: an empirical exploration. *The Journal of High Technology Management Research*, 12(1), 139-165.
- Sekaran, U. (2003). *Research Methods for Business: A Skill Building Approach*. John Willey and Sons, New York.
- Sharif, M. N. A., Zakaria, N. H., Ali, N. M., & Rozan, M. Z. A. (2005). A preliminary study: knowledge management (KM) practices in the small medium software companies. *Journal of Knowledge Management Practice*, 11(7), 112-114.
- Shaver, J. M. (2005). Testing for mediating variables in management research:

- Concerns, implications, and alternative strategies. *Journal of Management*, 31(3), 330-353.
- Sheng, M. L., Chang, S.-Y., Teo, T., & Lin, Y.-F. (2013). Knowledge barriers, knowledge transfer, and innovation competitive advantage in healthcare settings. *Management Decision*, 51(3), 461-478.
- Sher, P. J., & Lee, V. C. (2004). Information technology as a facilitator for enhancing dynamic capabilities through knowledge management. *Information & Management*, 41(8), 933-945.
- Sillanpää, V. (2011). Performance measurement in welfare services: a survey of Finnish organizations. *Measuring Business Excellence*, 15(4), 62-70.
- Simonin, B. L. (1999). Transfer of marketing know-how in international strategic alliances: An empirical investigation of the role and antecedents of knowledge ambiguity. *Journal of International Business Studies*, 30(3), 463-490.
- Singh, S. K. (2008). Role of leadership in knowledge management: a study. *Journal of Knowledge Management*, 12(4), 3-15.
- Sobel, M. E. (1982). Asymptotic confidence intervals for indirect effects in structural equation models. *Sociological Methodology*, 13(1982), 290-312.
- Sodano, V., Lindgreen, A., & Hingley, M. (2008). The usefulness of social capital in assessing the welfare effects of private and third-party certification food safety policy standards: trust and networks. *British Food Journal*, 110(4/5), 493-513.
- Song, J. H. (2008). The effects of learning organization culture on the practices of

- human knowledge-creation: an empirical research study in Korea. *International Journal of Training and Development*, 12(4), 265-281.
- Song Ji, H., Uhm, D., & Won Yoon, S. (2011). Organizational knowledge creation practice: Comprehensive and systematic processes for scale development. *Leadership & Organization Development Journal*, 32(3), 243-259.
- Soo, C. W., Devinney, T. M., & Midgley, D. F. (2002). *Knowledge creation in organizations: exploring firm and context specific effects: Paper printed at INSEAD, Fontainebleau, France.*
- Sorakraikitikul, M., & Siengthai, S. (2014). Organizational learning culture and workplace spirituality: Is knowledge-sharing behaviour a missing link? *The Learning Organization*, 21(3), 175-192.
- Stone, M. (1974). Cross-validators choice and assessment of statistical predictions. *Journal of the Royal Statistical Society. Series B (Methodological)*, 36(2), 111-147.
- Stonehouse, G. H., & Pemberton, J. D. (1999). Learning and knowledge management in the intelligent organization. *Participation and Empowerment: An International Journal*, 7(5), 131-144.
- Suppiah, V., & Singh Sandhu, M. (2011). Organisational culture's influence on tacit knowledge-sharing behaviour. *Journal of Knowledge Management*, 15(3), 462-477.
- Susanty, A., Puspitasari, D., Puspitasari, N. B., & Sinthani Ninditarini, M. R. (2011). „Preliminary Study of Key Success Factors for Effective Knowledge Transfer in SMEs Batik (Case Study SMEs Batik in Solo) “. Paper presented at the

*Proceedings of the 2011 International Conference on industrial Engineering and Operations Management Kuala Lumpur, Malaysia.*

- Svensson, G., & Wood, G. (2006). Sustainable components of leadership effectiveness in organizational performance. *Journal of Management Development, 25*(6), 522-534.
- Swift, P. E., & Hwang, A. (2013). The impact of affective and cognitive trust on knowledge sharing and organizational learning. *The Learning Organization, 20*(1), 20-37.
- Syed-Ikhsan Omar Sharifuddin, S., & Rowland, F. (2004a). Benchmarking knowledge management in a public organization in Malaysia. *Benchmarking: An International Journal, 11*(3), 238-266.
- Syed-Ikhsan Omar Sharifuddin, S., & Rowland, F. (2004b). Knowledge management in a public organization: a study on the relationship between organizational elements and the performance of knowledge transfer. *Journal of Knowledge Management, 8*(2), 95-111.
- Szulanski, G. (1996). Exploring internal stickiness: Impediments to the transfer of best practice within the firm. *Strategic Management Journal, 17*(S2), 27-43.
- Tabachnick, B., & Fidell, L. (2007). *Using Multivariate Statistics*. Boston: Pearson Education: Inc.
- Takeuchi, H., & Nonaka, I. (2004). Knowledge creation and dialectics. *Hitosubashi on Knowledge Management, 1-29*.
- Tangaraja, G., Mohd Rasdi, R., Abu Samah, B., Ismail, M. (2016). Knowledge sharing is knowledge transfer: a misconception in the literature. *Journal of*



*Knowledge Management*, 20(4). 653 - 670

- Tasmin, Yap, L., R., Rusuli, M. S. C., & Hashim, N. (2010). Factors influencing knowledge management practices among Multimedia Super Corridor (MSC) organizations. *Communications of the IBIMA*, 1(1), 1-12
- Teece, D. J. (2000). Strategies for managing knowledge assets: the role of firm structure and industrial context. *Long Range Planning*, 33(1), 35-54.
- Teerajetgul, W., & Charoenngam, C. (2006). Factors inducing knowledge creation: empirical evidence from Thai construction projects. *Engineering, Construction and Architectural Management*, 13(6), 584-599.
- Theriou, G. N., & Chatzoglou, P. D. (2008). Enhancing performance through best HRM practices, organizational learning and knowledge management: A conceptual framework. *European Business Review*, 20(3), 185-207.
- Thomas, G. F., Zolin, R., & Hartman, J. L. (2009). The central role of communication in developing trust and its effects on employee involvement. *Journal of Business Communication*, 46(3), 287-310.
- Timbrell, G. T., Andrews, N. M., & Gable, G. G. (2001). *Impediments to inter-firm transfer of best practice in an enterprise systems context. In Proceedings 7th Americas Conference on Information (pp. 1084-1090). Boston, USA: Information Systems Management Research Centre, Queensland University of Technology.*
- Timothy Obiwuru, C., Okwu, A. T., Akpa, V. O., & Nwankwere, I. A. (2011). Effects of leadership style on organizational performance: A survey of selected small scale enterprises in Ikosi-Ketu council development area of

Lagos State, Nigeria. *Australian Journal of Business and Management Research*, 1(7), 100-111.

Tippins, M. J., & Sohi, R. S. (2003). IT competency and firm performance: is organizational learning a missing link? *Strategic Management Journal*, 24(8), 745-761.

Tombaugh, J. R. (2005). Positive leadership yields performance and profitability: Effective organizations develop their strengths. *Development and Learning in Organizations: An International Journal*, 19(3), 15-17.

Tong, C., Tak, W. I. W., & Wong, A. (2013). The Impact of knowledge sharing on the relationship between organizational culture and Job satisfaction: The perception of information communication and technology (ICT) practitioners in Hong Kong. *International Journal of Human Resource Studies*, 3(1), 9-37.

Tuan Trong, L. (2012). What trust grows through upward influence? *Asia-Pacific Journal of Business Administration*, 4(2), 158-181.

Tuanmat Zainun, T., & Smith, M. (2011). The effects of changes in competition, technology and strategy on organizational performance in small and medium manufacturing companies. *Asian Review of Accounting*, 19(3), 208-220.

Tung, A., Baird, K., & Schoch, H. P. (2011). Factors influencing the effectiveness of performance measurement systems. *International Journal of Operations & Production Management*, 31(12), 1287-1310.

Tvorik, S. J. M., Michael H. (1997). Determinants of organizational performance. *Management Decision*, 35(6), 417-435.

Tzafirir, S. S. (2005). The relationship between trust, HRM practices and firm

- performance. *The International Journal of Human Resource Management*, 16(9), 1600-1622.
- Tzafrir, S. S., Baruch, Y., & Dolan, S. L. (2004). The consequences of emerging HRM practices for employees' trust in their managers. *Personnel Review*, 33(6), 628-647.
- Vanhala, M., & Ahteela, R. (2011). The effect of HRM practices on impersonal organizational trust. *Management Research Review*, 34(8), 869-888.
- Vinzi Esposito, V., Chin, W. W., Henseler, J., & Wang, H. (2010). *Handbook of partial least squares: Concepts, methods and applications*. NY: Springer Handbooks of Computational Statistics.
- Vuori, V., & Okkonen, J. (2012). Knowledge sharing motivational factors of using an intra-organizational social media platform. *Journal of Knowledge Management*, 16(4), 592-603.
- Waheed, H., Qureshi, T. M., Khan, M. A., & Hijazi, S. T. (2013). Mediating role of knowledge sharing: Organizational performance for competitive advantage and innovation. *African Journal of Business Management*, 7(7), 536-547.
- Walczak, S. (2005). Organizational knowledge management structure. *The Learning Organization*, 12(4), 330-339.
- Wall, T. D., Michie, J., Patterson, M., Wood, S. J., Sheehan, M., Clegg, C. W., & West, M. (2004). On the validity of subjective measures of company performance. *Personnel Psychology*, 57(1), 95-118.
- Wang, Y.-L., & Ellinger, A. D. (2011). Organizational learning: Perception of external environment and innovation performance. *International Journal of*

*Manpower*, 32(5/6), 512-536.

Wei Chin, C., Siong Choy, C., & Heng Ping Yeow, P. (2006). KM implementation in Malaysian telecommunication industry: an empirical analysis. *Industrial Management & Data Systems*, 106(8), 1112-1132.

Wei Chin, C., Siong Choy, C., & Kuan Yew, W. (2009). Is the Malaysian telecommunication industry ready for knowledge management implementation? *Journal of Knowledge Management*, 13(1), 69-87.

Wei-he, H., & Qiu-yan, Z. (2006). *Development of an instrument to measure knowledge management processes. Paper presented at the Management Science and Engineering, 2006. ICMSE'06. 2006 International Conference on.*

Westover, J. H., & Taylor, J. (2010). International differences in job satisfaction: The effects of public service motivation, rewards and work relations. *International Journal of Productivity and Performance Management*, 59(8), 811-828.

Wickramasinghe, V., & Widyaratne, R. (2012). Effects of interpersonal trust, team leader support, rewards, and knowledge sharing mechanisms on knowledge sharing in project teams. *VINE*, 42(2), 214-236.

Wiewiora, A., Murphy, G., Trigunarsyah, B., & Brown, K. (2014). Interactions between organizational culture, trustworthiness, and mechanisms for inter-project knowledge sharing. *Project Management Journal*, 45(2), 48-65.

Wilkesmann, M., & Wilkesmann, U. (2011). Knowledge transfer as interaction between experts and novices supported by technology. *The Journal of*

*Information and Knowledge Management Systems*, 41(2), 96-112.

- Willem, A., & Buelens, M. (2007). Knowledge sharing in public sector organizations: The effect of organizational characteristics on interdepartmental knowledge sharing. *Journal of Public Administration Research and Theory*, 17(4), 581-606.
- Williamson, I. O., Burnett, M. F., & Bartol, K. M. (2009). The interactive effect of collectivism and organizational rewards on affective organizational commitment. *Cross Cultural Management: An International Journal*, 16(1), 28-43.
- Wong, K. K.-K. (2013). Partial least squares structural equation modeling (PLS-SEM) techniques using SmartPLS. *Marketing Bulletin*, 24(1), 1-32.
- Wong Yew, K., & Aspinwall, E. (2005). An empirical study of the important factors for knowledge-management adoption in the SME sector. *Journal of Knowledge Management*, 9(3), 64-82.
- Wright, M. K., & Capps III, C. J. (2010). Information systems development project performance in the 21st century. *ACM SIGSOFT Software Engineering Notes*, 35(2), 1-10.
- Wu, Y., & Zhu, W. (2012). An integrated theoretical model for determinants of knowledge sharing behaviours. *Kybernetes*, 41(10), 1462-1482.
- Xenikou, A., & Simosi, M. (2006). Organizational culture and transformational leadership as predictors of business unit performance. *Journal of Managerial Psychology*, 21(6), 566-579.
- Xu, Q., & Ma, Q. (2008). Determinants of ERP implementation knowledge transfer.

*Information & Management*, 45(8), 528-539.

- Yang, J., Brashear Alejandro, T. G., & Boles, J. S. (2011). The role of social capital and knowledge transfer in selling center performance. *Journal of Business & Industrial Marketing*, 26(3), 152-161.
- Yang, Y. (2012). Bilateral inter-organizational learning in corporate venture capital activity: Governance characteristics, knowledge transfer, and performance. *Management Research Review*, 35(5), 352-378.
- Yazhou, W., & LIN, J. (2013). An empirical research on knowledge management orientation and organizational performance: the mediating role of organizational innovation. *African Journal of Business Management*, 7(8), 604-612.
- Yeo, R. (2002). From individual to team learning: practical perspectives on the learning organization. *Team Performance Management: An International Journal*, 8(7/8), 157-170.
- Yoon, S. W., Song, J. H., & Lim, D. H. (2009). Beyond the learning process and toward the knowledge creation process: Linking learning and knowledge in the supportive learning culture. *Performance Improvement Quarterly*, 22(3), 49-69.
- Youndt, M. A., & Snell, S. A. (2004). Human resource configurations, intellectual capital, and organizational performance. *Journal of Managerial Issues*, 16(3), 337-360.
- Yu, S.-H., Kim, Y.-G., & Kim, M.-Y. (2004). *linking organizational knowledge management drivers to knowledge management performance: an exploratory*

*study. Paper presented at the System Sciences, 2004. Proceedings of the 37th Annual Hawaii International Conference on.*

Yu, T.-S. (2003). Can East Asia rise again? *Journal of Asian Economics*, 13(6), 715-729.

Yusof, Z., & Ismail, M. B. (2009). Is there a relationship between knowledge sharing practice and the quality of service delivery? A case study in three government agencies in Malaysia. *Journal of Knowledge Management*, 10(1), 1-13

Yusof, Z. M., Ismail, M. B., Ahmad, K., & Yusof, M. M. (2012). Knowledge sharing in the public sector in Malaysia a proposed holistic model. *Information Development*, 28(1), 43-54.

Zack, M., McKeen, J., & Singh, S. (2009). Knowledge management and organizational performance: An exploratory analysis. *Journal of Knowledge Management*, 13(6), 392-409.

Zander, U., & Kogut, B. (1995). Knowledge and the speed of the transfer and imitation of organizational capabilities: An empirical test. *Organization Science*, 6(1), 76-92.

Zawawi, A. A., Zakaria, Z., Kamarunzaman, N. Z., Noordin, N., Sawal, M. Z. H. M., Junos, N. M., & Najid, N. S. A. N. (2011). The study of barrier factors in knowledge sharing: a case study in public university. *Management Science and Engineering*, 5(1), 59-70.

Zhang, Y., Long, L., Wu, T. y., & Huang, X. (2015). When is pay for performance related to employee creativity in the Chinese context? The role of guanxi HRM practice, trust in management, and intrinsic motivation. *Journal of*

*Organizational Behavior*, 36(5), 698-719.

Zhou, S., Siu, F., & Wang, M. (2010). Effects of social tie content on knowledge transfer. *Journal of Knowledge Management*, 14(3), 449-463.

Zhou, Y., Zhang, Y., & Montoro-Sánchez, Á. (2011). Utilitarianism or romanticism: the effect of rewards on employees' innovative behaviour. *International Journal of Manpower*, 32(1), 81-98.

Zikmund, W., Babin, B., Carr, J., & Griffin, M. (2010). *Business Research Methods Canada: South-Western. Cengage Learning. (8th edition).*

Zupan, N., & Kaše, R. (2007). The role of HR actors in knowledge networks. *International Journal of Manpower*, 28(3/4), 243-259.





## APPENDIX A RESEARCH QUESTIONNAIRE



**Pusat Pengajian Pengurusan  
Perniagaan**  
SCHOOL OF BUSINESS MANAGEMENT  
**Universiti Utara Malaysia**

School of Business Management  
Universiti Utara Malaysia  
06010 UUM Sintok  
Kedah Darul Aman, Malaysia  
Tel: (+604) -9287401 Fax: (+604) -9287422  
Email: sbm@uum.edu.my

---

Dear Prof / Dato / Dr / Mr / Mrs / Ms,

### ACADEMIC RESEARCH QUESTIONNAIRE

I am a PhD student from School of Business Management, Universiti Utara Malaysia. I would like to invite you to participate in a survey on the Determinants to knowledge transfer and sharing in multimedia super corridor in Malaysia: The mediating role of trust which is for my PhD thesis.

The main interest of this study is to determine the relationship between organizational capacity, motivation, organizational environment, trust and knowledge transfer and sharing. This survey is undertaken for an academic purpose only and you are not required to write your name on the questionnaire. I really hope that you will spend some time to participate in this study by completing the attached questionnaire.

For the successful completion of this study, I need your cooperation and honest response in answering each question. Your help will be appreciated greatly.

Thank you.

Yours sincerely,

Meddour Houcine  
Doctoral Candidate  
School of Business Management  
Universiti Utara Malaysia  
E-mail: m.houcine2@yahoo.com/ ahalim@uum.edu.my  
Tel: 01133275105/ 0194332351/ 04-9287522

**SURVEY QUESTIONNAIRE**  
**Part One: Respondent's Profile**

Please answer the following questions concerning your demographic. Please tick (/) each question.

1. Age

Please state your age \_\_\_\_\_

2. Gender

Male

Female

3. Education level

Diploma or lower

Degree

Masters' Degree

Doctoral Degree

Professional Certification:

Please state your certificate \_\_\_\_\_

4. Working experience

Please state to how long have you worked in this company:

7-10Years

More than 10 Years

5. Position

Vice President

General Manager

Branch Manager

Unit Manager

Others (please specify) \_\_\_\_\_

6. Location of the organization

Klang Valley

(Wilayah Persekutuan + Selangor)

Kedah

Penang

7. Type of the organization

Creative Multimedia

IHLs & Incubators

InfoTech

Shared Services Outsourcing

### Part Two: Organizational capacity

Directions: Please indicate your level of agreement with the following statements that describe the level of top management support, organizational structure, learning strategy and human resource practices among your company. Please circle the number representing the most appropriate answer based on the scale below.

Strongly disagree	Disagree	Moderate	Agree	Strongly agree
1	2	3	4	5

Top management support (TMS)						
1	Top managers are encouraging knowledge transfer and sharing with colleagues.	1	2	3	4	5
2	Top managers usually support and encourage individuals to share and transfer their knowledge with others.	1	2	3	4	5
3	Top managers provide and facilitate the necessary help and resources to enable individuals to share and transfer their knowledge.	1	2	3	4	5
4	Top managers are usually encouraging sharing and transferring knowledge with the colleagues and subordinates.	1	2	3	4	5
Organizational structure (OS)						
5	Employees of our company are acting without the permission of supervisors.	1	2	3	4	5
6	Employees of our company usually are encouraged to make their own decisions.	1	2	3	4	5
7	Employees of our company made their decision by their own.	1	2	3	4	5
8	Employees of our company usually do not ask their supervisor to act.	1	2	3	4	5
9	Employees in our company usually made their decisions without approval.	1	2	3	4	5
10	In our company most of the activities are not under formal procedures.	1	2	3	4	5
11	Contacts which have been made with our company are based on formal procedures or planned basis.	1	2	3	4	5
12	Usually the rules and procedures of our company are written and documented.	1	2	3	4	5
13	Usually employees ignore the rules to handle some situations by using informal agreements.	1	2	3	4	5
14	Employees usually make their own rules to fulfil their jobs.	1	2	3	4	5
Learning strategy						
15	Our company provides formal training programs to perform well.	1	2	3	4	5
16	Our company provides informal opportunities to develop individuals such as work assignments and job rotation.	1	2	3	4	5
17	Our company usually encourages members to attend seminars and conferences.	1	2	3	4	5
18	Our company usually provides and supports various programs such as clubs and community gatherings.	1	2	3	4	5
19	Employees of our company are satisfied by the contents of formal training and self-development programs	1	2	3	4	5
Human resource practices						
20	Training programs are provided to transfer and share knowledge among individuals to attain the objectives of the company.	1	2	3	4	5
21	Incentive systems (monetary and non-monetary) are provided by the company to reward the individuals and teams.	1	2	3	4	5
22	Programs of internal rotation have been developed and implemented by the	1	2	3	4	5

	company to facilitate employees move to different departments.					
23	In our company usually encourages participation in making decisions to resolve the problems.	1	2	3	4	5
24	In our company, knowledge management have been practiced, assessed and controlled continuously (creation, storage, transfer, application...)	1	2	3	4	5
25	In our company, teamwork has been promoted as a regular practice	1	2	3	4	5

### Part Three: Organizational motivation

Directions: Please indicate your level of agreement with the following statements that describe the level of culture and rewards in your company. Please circle the number representing the most appropriate answer based on the scale below.

Strongly disagree	Disagree	Moderate	Agree	Strongly agree
1	2	3	4	5

Culture						
26	There has been a common language to support knowledge exchange and sharing between employees and departments.	1	2	3	4	5
27	An effort is made to encourage employees to experiment and implement new ideas in their working day.	1	2	3	4	5
28	An effort is made to inform employees that mistakes are a learning consequence and are tolerated up to a certain limit.	1	2	3	4	5
29	Culture is based on confidence and openness.	1	2	3	4	5
30	The employees are encouraged to share knowledge at an informal level.	1	2	3	4	5
31	The employees demonstrate responsible behavior and a high learning disposition.	1	2	3	4	5
32	All organizational members perceive the same purpose and feel bound to it.	1	2	3	4	5
Rewards						
33	Sharing and transferring knowledge between employees is based on the rewards system that given by company.	1	2	3	4	5
34	Sharing and transferring knowledge between employees is rewarded by high salary.	1	2	3	4	5
35	Sharing and transferring knowledge between employees is based on promotion that given by company.	1	2	3	4	5
36	Sharing and transferring knowledge between employees is rewarded by increasing job security.	1	2	3	4	5

#### Part Four: Organizational environment

Directions: Please read each of the following statements and indicate to what extent do your company involved in the information technology and networks. Please circle the number representing the most appropriate answer based on the scale below.

Strongly disagree	Disagree	Moderate	Agree	Strongly agree
1	2	3	4	5

Information technology						
37	Our company supports collaborative works by using IT to facilitate sharing and transferring knowledge.	1	2	3	4	5
38	Our company using IT to support communication between employees.	1	2	3	4	5
39	Our company using IT to facilitate searching and accessing necessary information.	1	2	3	4	5
40	Our company using IT to support simulation and prediction.	1	2	3	4	5
41	Our company using IT to support systematic storing.	1	2	3	4	5
Networks						
42	Top management of the company is working together as a team.	1	2	3	4	5
43	Our company has cross-functional teams to exchange and facilitate knowledge between departments.	1	2	3	4	5
44	Our company uses temporary workgroups to transfer and share knowledge between units on a regular basis.	1	2	3	4	5
45	Our company provides the opportunities for informal "hall talk" among employees.	1	2	3	4	5
46	The employees from different departments are calling each other to exchange information and knowledge needed.	1	2	3	4	5

#### Part Five: Trust

Directions: The following indicators reflect trust among members. Please circle the appropriate number that best represent your company based on the scale below.

Strongly disagree	Disagree	Moderate	Agree	Strongly agree
1	2	3	4	5

47	Most team members trust and respect the other players.	1	2	3	4	5
48	I can talk freely to the employees about difficulties I am having at work and know that they will want to listen.	1	2	3	4	5
49	If I share any problems with team members, they would respond constructively and caringly.	1	2	3	4	5
50	I can freely share any ideas, feelings, and hopes with my team.	1	2	3	4	5
51	I would feel a sense of loss if one of us transferred and we could no longer work together.	1	2	3	4	5
52	My team approach their job with professionalism and dedication.	1	2	3	4	5
53	Given my team's track record, I see no reason to doubt their competence and preparation for the job.	1	2	3	4	5
54	I can rely on team not to make my job more difficult by careless work.	1	2	3	4	5
55	Other work associates of mine are trustworthy.	1	2	3	4	5

**Part Six: Knowledge transfer and sharing**

Directions: Please read each of the following statements and indicate the degree of knowledge being transferred and shared inside your company. Please circle the number representing the most appropriate answer based on the scale below.

<b>Strongly disagree</b>	<b>Disagree</b>	<b>Moderate</b>	<b>Agree</b>	<b>Strongly agree</b>
1	2	3	4	5

56	Our company encourages employees to communicate their knowledge using ways of induction, deduction, and others.	1	2	3	4	5
57	Our company encourages employees to describe new concepts using ways of story-telling and creative.	1	2	3	4	5
58	Our company encourages employees to exchange different ideas and concepts frequently.	1	2	3	4	5
59	Our company encourages employees to give specific and relevant information.	1	2	3	4	5
60	Our company adapts team module to implement various projects, and share the experience within the whole company.	1	2	3	4	5
61	Teams in our company continuously search and share new value.	1	2	3	4	5
62	Our company promotes the communication among different functional departments by setting up cross-department teams.	1	2	3	4	5
63	Our company encourages employees to understand and share organizational vision and enterprise value through continuous communication.	1	2	3	4	5
64	Our company spread new concepts and ideas among employees.	1	2	3	4	5
65	Our company regularly collects information from various departments.	1	2	3	4	5
66	Our company regularly shares experience with suppliers, customers, external experts, and partners.	1	2	3	4	5
67	Our company finds new strategies and market opportunities through intra and inter organization learning by doing.	1	2	3	4	5
68	Our company set up abundant data base of products and services.	1	2	3	4	5
69	Our company increases organizational knowledge by collecting various management data and technique information.	1	2	3	4	5
70	Our company implementing advanced management theory (e.g. benchmarking management) and marketing concepts (e.g. market test).	1	2	3	4	5

Thank you

**APPENDIX B**

**LETTER FOR DATA COLLECTION AND RESEARCH WORK**







**APPENDIX C  
FREQUENCY TEST**

**Statistics**

		OC	OM	OE	T	KTS
N	Valid	132	132	132	132	132
	Missing	0	0	0	0	0
Mean		3.2981	3.3278	3.7492	3.6734	3.5573
Median		3.3200	3.3636	3.8500	3.7778	3.6000
Std. Deviation		.36419	.55528	.62401	.60839	.54627
Minimum		2.40	2.18	2.00	2.00	2.00
Maximum		4.20	4.91	5.00	5.00	4.60
Sum		435.35	439.27	494.90	484.89	469.56

**MULTICOLLINEARITY**

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
1 (Constant)	2.807	3.957		.709	.479		
OC	.168	.073	.187	2.301	.023	.409	2.446
OM	.291	.110	.217	2.660	.009	.405	2.469
OE	.318	.121	.242	2.622	.010	.316	3.164
T	.426	.121	.285	3.531	.001	.415	2.407

a. Dependent Variable: KTS

**APPENDIX D**  
**RESULT OF UNIVARIATE ANALYSIS**



Gender	Education	Experience	Position	Other-position	Location	Organization	OC1	OC2	OC3	OC4	OC5	OC6	OC9	OC10
-0.85514	-0.53389	-1.76106	0.12615	-0.74078	-1.93866	-1.48662	-1.71409	-1.43428	-1.00863	-1.28172	-0.87286	-0.96249	-1.19729	0.51805
-0.85514	-2.03334	-1.76106	0.12615	-0.74078	1.27352	-0.14255	-0.19557	0.04482	0.25936	-1.28172	-1.95981	-0.96249	-1.19729	0.51805
1.16054	0.96555	0.56354	0.12615	-0.74078	-1.93866	-1.48662	-0.19557	-1.43428	-1.00863	-0.23087	-0.87286	0.2475	-0.1842	1.94268
1.16054	0.96555	-1.76106	0.12615	-0.74078	1.27352	-0.14255	-0.19557	0.04482	0.25936	-1.28172	-0.87286	-0.96249	-1.19729	0.51805
1.16054	-0.53389	0.56354	-1.53906	-0.74078	0.20279	-1.48662	1.32295	0.04482	1.52736	-1.28172	0.2141	0.2475	1.84198	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	-0.86794	1.20152	-0.19557	0.04482	0.25936	-1.28172	-1.95981	-0.96249	-1.19729	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	1.20152	1.32295	1.52393	1.52736	-0.23087	0.2141	0.2475	0.82889	0.51805
1.16054	0.96555	0.56354	-3.20427	-0.74078	-0.86794	1.20152	1.32295	0.04482	1.52736	0.81998	1.30105	1.45748	-0.1842	0.51805
1.16054	-0.53389	-1.76106	1.79136	-0.74078	1.27352	-0.14255	-1.71409	0.04482	0.25936	1.87083	0.2141	-0.96249	1.84198	0.51805
1.16054	-0.53389	0.56354	0.12615	-0.74078	0.20279	1.20152	1.32295	0.04482	-1.00863	-0.23087	1.30105	-0.96249	-1.19729	0.51805
1.16054	-0.53389	-1.76106	0.12615	-0.74078	-1.93866	-0.14255	-0.19557	0.04482	0.25936	0.81998	1.30105	0.2475	0.82889	0.51805
-0.85514	2.465	0.56354	0.12615	1.33971	-0.86794	-0.14255	-0.19557	0.04482	0.25936	-0.23087	0.2141	0.2475	-0.1842	0.51805
1.16054	2.465	0.56354	1.79136	1.33971	-0.86794	-0.14255	-0.19557	-1.43428	1.52736	-1.28172	-0.87286	-0.96249	-0.1842	-0.90658
1.16054	0.96555	0.56354	0.12615	1.33971	-0.86794	-0.14255	1.32295	0.04482	0.25936	-1.28172	1.30105	0.2475	-0.1842	0.51805
1.16054	0.96555	-1.76106	0.12615	1.33971	0.20279	-0.14255	-0.19557	-1.43428	-1.00863	0.81998	1.30105	0.2475	-1.19729	-0.90658
-0.85514	-0.53389	-1.76106	0.12615	1.33971	-0.86794	-0.14255	-0.19557	0.04482	0.25936	0.81998	1.30105	2.66746	1.84198	0.51805
1.16054	0.96555	0.56354	0.12615	-0.74078	0.20279	1.20152	1.32295	1.52393	1.52736	-1.28172	-1.95981	-0.96249	-1.19729	1.94268
1.16054	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	-3.54462	-1.28172	-1.95981	-0.96249	-1.19729	0.51805
-0.85514	0.96555	0.56354	0.12615	-0.74078	1.27352	-0.14255	-0.19557	0.04482	0.25936	0.81998	-0.87286	1.45748	1.84198	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	0.25936	1.87083	1.30105	0.2475	-0.1842	-0.90658
-0.85514	0.96555	0.56354	0.12615	-0.74078	-0.86794	-0.14255	-0.19557	0.04482	-1.00863	0.81998	1.30105	1.45748	0.82889	-0.90658
-0.85514	0.96555	0.56354	0.12615	-0.74078	-0.86794	-0.14255	-1.71409	0.04482	0.25936	-0.23087	-0.87286	0.2475	-0.1842	0.51805
1.16054	0.96555	-1.76106	0.12615	1.33971	1.27352	-0.14255	-0.19557	0.04482	0.25936	0.81998	-1.95981	-0.96249	-1.19729	1.94268
-0.85514	-0.53389	0.56354	0.12615	1.33971	-0.86794	1.20152	1.32295	1.52393	1.52736	-1.28172	0.2141	-0.96249	-1.19729	1.94268
-0.85514	0.96555	0.56354	0.12615	1.33971	0.20279	-1.48662	-1.71409	-1.43428	-1.00863	-0.23087	1.30105	0.2475	1.84198	-0.90658
1.16054	-0.53389	0.56354	1.79136	1.33971	0.20279	-1.48662	-1.71409	0.04482	-1.00863	-0.23087	0.2141	0.2475	-0.1842	0.51805
1.16054	0.96555	0.56354	0.12615	1.33971	1.27352	-1.48662	-1.71409	-2.91339	-2.27663	0.81998	0.2141	0.2475	-0.1842	0.51805

Gender	Education	Experience	Position	Other-position	Location	Organization	OC1	OC2	OC3	OC4	OC5	OC6	OC9	OC10
-0.85514	0.96555	0.56354	-1.53906	1.33971	0.20279	-4.17476	-0.19557	0.04482	0.25936	1.87083	2.38801	0.2475	1.84198	0.51805
-0.85514	2.465	0.56354	1.79136	1.33971	0.20279	1.20152	-0.19557	0.04482	0.25936	-0.23087	0.2141	0.2475	-1.19729	0.51805
-0.85514	-0.53389	-1.76106	0.12615	1.33971	-1.93866	-1.48662	-1.71409	-2.91339	0.25936	0.81998	1.30105	-0.96249	0.82889	-2.33122
1.16054	-0.53389	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	0.04482	0.25936	2.92168	2.38801	-0.96249	-0.1842	0.51805
-0.85514	-0.53389	0.56354	0.12615	1.33971	1.27352	-0.14255	-0.19557	0.04482	0.25936	-1.28172	-0.87286	-0.96249	-1.19729	0.51805
-0.85514	0.96555	0.56354	1.79136	1.33971	0.20279	1.20152	1.32295	0.04482	0.25936	-1.28172	0.2141	-0.96249	-1.19729	0.51805
1.16054	0.96555	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	-1.43428	0.25936	-0.23087	0.2141	0.2475	-0.1842	0.51805
-0.85514	0.96555	0.56354	0.12615	1.33971	0.20279	1.20152	1.32295	1.52393	1.52736	-0.23087	-0.87286	-0.96249	-0.1842	0.51805
-0.85514	2.465	-1.76106	1.79136	1.33971	-1.93866	1.20152	1.32295	1.52393	1.52736	0.81998	0.2141	1.45748	0.82889	0.51805
1.16054	-0.53389	-1.76106	0.12615	-0.74078	1.27352	-0.14255	-0.19557	0.04482	-1.00863	0.81998	0.2141	1.45748	0.82889	0.51805
-0.85514	-0.53389	0.56354	0.12615	-0.74078	1.27352	-0.14255	-0.19557	0.04482	0.25936	-0.23087	1.30105	-0.96249	0.82889	0.51805
-0.85514	-0.53389	-1.76106	0.12615	-0.74078	0.20279	-2.83069	-0.19557	0.04482	0.25936	-0.23087	0.2141	0.2475	1.84198	0.51805
1.16054	-0.53389	-1.76106	0.12615	-0.74078	0.20279	1.20152	1.32295	1.52393	-1.00863	-0.23087	0.2141	-0.96249	-1.19729	0.51805
-0.85514	-0.53389	-1.76106	-3.20427	-0.74078	0.20279	1.20152	1.32295	0.04482	-1.00863	-1.28172	-1.95981	-0.96249	-0.1842	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	1.27352	1.20152	1.32295	1.52393	1.52736	0.81998	0.2141	0.2475	1.84198	0.51805
-0.85514	-0.53389	0.56354	0.12615	-0.74078	1.27352	1.20152	-0.19557	0.04482	1.52736	0.81998	0.2141	1.45748	-0.1842	0.51805
1.16054	-0.53389	0.56354	0.12615	-0.74078	1.27352	1.20152	1.32295	1.52393	1.52736	-0.23087	1.30105	-0.96249	-0.1842	0.51805
1.16054	-0.53389	-1.76106	0.12615	-0.74078	-1.93866	1.20152	1.32295	1.52393	1.52736	-0.23087	1.30105	0.2475	1.84198	0.51805
-0.85514	-0.53389	0.56354	0.12615	-0.74078	1.27352	-0.14255	1.32295	0.04482	0.25936	-0.23087	0.2141	-0.96249	-1.19729	-0.90658
-0.85514	-0.53389	-1.76106	0.12615	-0.74078	1.27352	1.20152	1.32295	1.52393	-2.27663	0.81998	0.2141	0.2475	-1.19729	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	0.25936	1.87083	0.2141	-0.96249	-0.1842	0.51805
1.16054	-0.53389	0.56354	1.79136	-0.74078	1.27352	1.20152	1.32295	1.52393	0.25936	0.81998	0.2141	0.2475	-0.1842	-2.33122
1.16054	-0.53389	-1.76106	0.12615	-0.74078	0.20279	-1.48662	-1.71409	-1.43428	-1.00863	-0.23087	0.2141	-0.96249	-0.1842	-0.90658
1.16054	-0.53389	-1.76106	0.12615	-0.74078	0.20279	-1.48662	-0.19557	0.04482	0.25936	-1.28172	0.2141	-0.96249	0.82889	0.51805
-0.85514	-2.03334	-1.76106	0.12615	-0.74078	0.20279	1.20152	-0.19557	0.04482	0.25936	-0.23087	-1.95981	-0.96249	-0.1842	0.51805
1.16054	-0.53389	-1.76106	0.12615	-0.74078	1.27352	1.20152	-0.19557	-1.43428	0.25936	0.81998	1.30105	0.2475	0.82889	-0.90658
-0.85514	-2.03334	0.56354	0.12615	-0.74078	0.20279	-0.14255	-1.71409	0.04482	0.25936	0.81998	0.2141	2.66746	0.82889	0.51805
1.16054	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	0.25936	-0.23087	0.2141	0.2475	1.84198	-0.90658

Gender	Education	Experience	Position	Other-position	Location	Organization	OC1	OC2	OC3	OC4	OC5	OC6	OC9	OC10
1.16054	0.96555	0.56354	1.79136	-0.74078	0.20279	-0.14255	-1.71409	0.04482	0.25936	-0.23087	-0.87286	-0.96249	-0.1842	-0.90658
-0.85514	0.96555	0.56354	-3.20427	-0.74078	0.20279	1.20152	1.32295	1.52393	0.25936	-1.28172	0.2141	-0.96249	-1.19729	0.51805
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	0.25936	-1.28172	-0.87286	0.2475	-0.1842	1.94268
-0.85514	0.96555	0.56354	-1.53906	-0.74078	0.20279	1.20152	1.32295	1.52393	0.25936	-1.28172	0.2141	-0.96249	-1.19729	0.51805
-0.85514	-0.53389	-1.76106	0.12615	-0.74078	0.20279	1.20152	-0.19557	1.52393	1.52736	-0.23087	0.2141	0.2475	-0.1842	0.51805
-0.85514	2.465	0.56354	0.12615	-0.74078	0.20279	1.20152	1.32295	1.52393	0.25936	-1.28172	0.2141	-0.96249	-1.19729	0.51805
1.16054	-0.53389	0.56354	0.12615	-0.74078	1.27352	1.20152	1.32295	1.52393	0.25936	-1.28172	0.2141	-0.96249	-1.19729	0.51805
-0.85514	-0.53389	0.56354	0.12615	-0.74078	1.27352	-0.14255	-0.19557	0.04482	-1.00863	-1.28172	0.2141	0.2475	-0.1842	1.94268
-0.85514	-0.53389	0.56354	0.12615	-0.74078	1.27352	-0.14255	-0.19557	-1.43428	0.25936	1.87083	0.2141	2.66746	0.82889	-0.90658
1.16054	-0.53389	0.56354	-1.53906	-0.74078	1.27352	-0.14255	-0.19557	0.04482	0.25936	-1.28172	0.2141	-0.96249	-1.19729	0.51805
1.16054	-0.53389	-1.76106	0.12615	-0.74078	1.27352	-0.14255	-0.19557	0.04482	0.25936	-0.23087	0.2141	0.2475	0.82889	-0.90658
-0.85514	-0.53389	-1.76106	0.12615	-0.74078	1.27352	-0.14255	1.32295	0.04482	0.25936	-0.23087	0.2141	-0.96249	-0.1842	0.51805
-0.85514	0.96555	0.56354	1.79136	-0.74078	1.27352	-0.14255	-0.19557	-1.43428	-1.00863	0.81998	-0.87286	0.2475	-0.1842	-0.90658
-0.85514	0.96555	0.56354	0.12615	-0.74078	1.27352	-0.14255	-1.71409	0.04482	-1.00863	1.87083	0.2141	1.45748	1.84198	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	1.20152	-0.19557	0.04482	0.25936	-0.23087	0.2141	-0.96249	-0.1842	-0.90658
1.16054	-0.53389	0.56354	-1.53906	-0.74078	0.20279	-0.14255	1.32295	0.04482	0.25936	0.81998	0.2141	2.66746	-0.1842	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	-1.00863	-0.23087	0.2141	0.2475	-1.19729	0.51805
-0.85514	-0.53389	0.56354	0.12615	-0.74078	-1.93866	-0.14255	-0.19557	0.04482	-1.00863	0.81998	0.2141	0.2475	0.82889	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	-1.00863	-0.23087	0.2141	0.2475	0.82889	-0.90658
1.16054	-0.53389	0.56354	0.12615	-0.74078	0.20279	-1.48662	-0.19557	-1.43428	-1.00863	-0.23087	-0.87286	0.2475	-0.1842	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	-1.93866	-0.14255	1.32295	1.52393	0.25936	0.81998	0.2141	0.2475	-0.1842	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	0.25936	-1.28172	1.30105	-0.96249	-1.19729	1.94268
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	-1.48662	-0.19557	-1.43428	-1.00863	0.81998	-0.87286	-0.96249	0.82889	0.51805
-0.85514	-2.03334	0.56354	0.12615	-0.74078	1.27352	-0.14255	-0.19557	0.04482	-1.00863	1.87083	0.2141	-0.96249	-1.19729	0.51805
-0.85514	-2.03334	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	-1.43428	-1.00863	-1.28172	-0.87286	0.2475	1.84198	0.51805
-0.85514	-0.53389	0.56354	0.12615	-0.74078	1.27352	1.20152	-0.19557	0.04482	0.25936	-1.28172	0.2141	-0.96249	-1.19729	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	-2.83069	-1.71409	-1.43428	-1.00863	-0.23087	0.2141	1.45748	0.82889	0.51805
1.16054	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	-1.00863	-0.23087	-0.87286	0.2475	-0.1842	-0.90658

Gender	Education	Experience	Position	Other-position	Location	Organization	OC1	OC2	OC3	OC4	OC5	OC6	OC9	OC10
1.16054	-0.53389	-1.76106	0.12615	-0.74078	0.20279	-1.48662	-1.71409	-1.43428	-1.00863	0.81998	-0.87286	0.2475	0.82889	-0.90658
1.16054	-0.53389	0.56354	0.12615	-0.74078	0.20279	1.20152	1.32295	0.04482	1.52736	-0.23087	0.2141	-0.96249	-0.1842	1.94268
-0.85514	2.465	-1.76106	1.79136	1.33971	-1.93866	1.20152	1.32295	1.52393	1.52736	0.81998	0.2141	1.45748	0.82889	0.51805
-0.85514	0.96555	0.56354	1.79136	1.33971	0.20279	1.20152	1.32295	1.52393	1.52736	-0.23087	-0.87286	-0.96249	-0.1842	0.51805
1.16054	0.96555	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	-1.43428	0.25936	-0.23087	0.2141	0.2475	-0.1842	0.51805
-0.85514	0.96555	0.56354	1.79136	1.33971	0.20279	1.20152	1.32295	0.04482	0.25936	-1.28172	0.2141	-0.96249	-1.19729	0.51805
-0.85514	-0.53389	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	0.04482	0.25936	-1.28172	-0.87286	-0.96249	-1.19729	0.51805
-0.85514	2.465	0.56354	1.79136	1.33971	0.20279	-0.14255	-0.19557	0.04482	0.25936	-0.23087	0.2141	0.2475	-1.19729	0.51805
1.16054	0.96555	0.56354	-1.53906	1.33971	0.20279	1.20152	-0.19557	0.04482	0.25936	1.87083	2.38801	0.2475	1.84198	0.51805
1.16054	0.96555	0.56354	0.12615	1.33971	0.20279	-1.48662	-1.71409	-2.91339	-2.27663	0.81998	0.2141	0.2475	-0.1842	0.51805
1.16054	-0.53389	0.56354	-1.53906	1.33971	0.20279	-1.48662	-1.71409	0.04482	-1.00863	-0.23087	0.2141	0.2475	-0.1842	0.51805
-0.85514	0.96555	0.56354	0.12615	1.33971	0.20279	-1.48662	-1.71409	-1.43428	-1.00863	-0.23087	1.30105	0.2475	0.82889	-0.90658
-0.85514	-0.53389	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	0.04482	0.25936	-1.28172	0.2141	-0.96249	-1.19729	1.94268
-0.85514	0.96555	0.56354	0.12615	1.33971	0.20279	-0.14255	-1.71409	0.04482	0.25936	-0.23087	-0.87286	0.2475	-0.1842	0.51805
-0.85514	0.96555	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	0.04482	-1.00863	0.81998	1.30105	1.45748	0.82889	-0.90658
1.16054	-0.53389	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	0.04482	-1.00863	0.81998	1.30105	0.2475	-0.1842	-0.90658
-0.85514	0.96555	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	0.04482	0.25936	0.81998	-0.87286	1.45748	1.84198	-0.90658
-0.85514	-0.53389	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	0.04482	-1.00863	0.81998	-1.95981	-0.96249	-1.19729	0.51805
1.16054	0.96555	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	0.04482	1.52736	-1.28172	-1.95981	-0.96249	-1.19729	-3.75585
1.16054	-0.53389	-1.76106	0.12615	1.33971	-1.93866	-0.14255	-0.19557	0.04482	-1.00863	0.81998	1.30105	2.66746	1.84198	0.51805
1.16054	0.96555	0.56354	0.12615	1.33971	-1.93866	-0.14255	-0.19557	-1.43428	-1.00863	1.87083	1.30105	0.2475	-1.19729	-0.90658
-0.85514	0.96555	0.56354	0.12615	1.33971	-1.93866	-0.14255	1.32295	0.04482	0.25936	-1.28172	0.2141	0.2475	-0.1842	0.51805
1.16054	2.465	0.56354	-3.20427	1.33971	0.20279	-0.14255	-0.19557	0.04482	1.52736	-1.28172	-0.87286	-0.96249	-0.1842	-0.90658
-0.85514	-0.53389	-1.76106	0.12615	1.33971	-1.93866	-0.14255	-0.19557	0.04482	0.25936	-1.28172	-1.95981	-0.96249	-1.19729	0.51805
1.16054	-0.53389	0.56354	-1.53906	1.33971	0.20279	-0.14255	1.32295	0.04482	1.52736	-1.28172	0.2141	0.2475	0.82889	-0.90658
-0.85514	-0.53389	0.56354	0.12615	1.33971	-1.93866	1.20152	-0.19557	0.04482	0.25936	-1.28172	-1.95981	-0.96249	-1.19729	-3.75585
-0.85514	-0.53389	-1.76106	0.12615	-0.74078	0.20279	1.20152	1.32295	1.52393	1.52736	-0.23087	0.2141	0.2475	0.82889	0.51805
1.16054	0.96555	0.56354	-3.20427	-0.74078	0.20279	-0.14255	-0.19557	0.04482	1.52736	0.81998	1.30105	1.45748	-0.1842	0.51805
1.16054	-0.53389	0.56354	-1.53906	-0.74078	0.20279	-0.14255	-0.19557	0.04482	0.25936	1.87083	0.2141	-0.96249	0.82889	-0.90658

Gender	Education	Experience	Position	Other-position	Location	Organization	OC1	OC2	OC3	OC4	OC5	OC6	OC9	OC10
1.16054	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	1.52393	-1.00863	-0.23087	1.30105	0.2475	-0.1842	0.51805
1.16054	-0.53389	-1.76106	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	1.52736	0.81998	1.30105	0.2475	-0.1842	0.51805
-0.85514	-0.53389	0.56354	-1.53906	-0.74078	-1.93866	1.20152	1.32295	0.04482	0.25936	0.81998	0.2141	2.87745	-1.19729	-0.90658
1.16054	-0.53389	0.56354	-1.53906	-0.74078	0.20279	-0.14255	-0.19557	0.04482	0.25936	-0.23087	-0.87286	-0.96249	0.82889	-0.90658
-0.85514	0.96555	0.56354	0.12615	-0.74078	-1.93866	-0.14255	-1.71409	-1.43428	0.25936	-0.23087	-0.87286	1.45748	1.84198	-0.90658
1.16054	-0.53389	-1.76106	0.12615	-0.74078	-1.93866	-0.14255	-0.19557	0.04482	-1.00863	0.81998	-1.95981	-0.96249	-1.19729	-0.90658
-0.85514	-0.53389	-1.76106	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	0.25936	-0.23087	-0.87286	-0.96249	-0.1842	0.51805
1.16054	0.96555	0.56354	0.12615	-0.74078	0.20279	1.20152	1.32295	1.52393	0.25936	-1.28172	1.30105	0.2475	-0.1842	0.51805
-0.85514	-0.53389	0.56354	0.12615	-0.74078	-1.93866	1.20152	1.32295	1.52393	0.25936	0.81998	0.2141	0.2475	-0.1842	-0.90658
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	-1.43428	-1.00863	-0.23087	-0.87286	0.2475	-0.1842	-0.90658
1.16054	-0.53389	0.56354	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	-1.00863	-0.23087	-0.87286	0.2475	0.82889	-0.90658
-0.85514	-0.53389	-1.76106	0.12615	-0.74078	0.20279	-0.14255	-0.19557	0.04482	-2.27663	-0.23087	-0.87286	0.2475	0.82889	-0.90658
1.16054	-0.53389	0.56354	0.12615	-0.74078	0.20279	-1.48662	-1.71409	-1.43428	-1.00863	0.81998	-0.87286	-0.96249	-0.1842	0.51805
1.16054	-0.53389	0.56354	0.12615	1.33971	0.20279	-0.14255	-0.19557	0.04482	0.25936	1.87083	0.2141	-0.96249	-1.19729	0.51805
-0.85514	-0.53389	0.56354	0.12615	1.33971	-1.93866	-0.14255	-0.19557	0.04482	0.25936	-0.23087	-0.87286	0.2475	-0.1842	0.51805
-0.85514	0.96555	0.56354	0.12615	1.33971	0.20279	-1.48662	-1.71409	-1.43428	-1.00863	0.81998	-0.87286	0.2475	0.82889	-0.90658
-0.85514	-0.53389	0.56354	0.12615	1.33971	-1.93866	1.20152	1.32295	1.52393	-1.00863	-0.23087	-0.87286	0.2475	-0.1842	0.51805
-0.85514	-0.53389	0.56354	0.12615	-0.74078	0.20279	1.20152	1.32295	1.52393	1.52736	0.81998	0.2141	0.2475	-0.1842	-0.90658
1.16054	-0.53389	0.56354	0.12615	-0.74078	0.20279	-1.48662	-1.71409	-1.43428	-1.00863	-0.23087	0.2141	0.2475	-0.1842	0.51805

OC11	OC12	OC13	OC14	OC15	OC16	OC17	OC18	OC19	OC20	OC21	OC22	OC23	OC24	OC25
-0.0809	0.51506	-0.18617	0.11068	-1.60345	-0.986	-0.62449	-0.78788	-1.0581	0.60096	-2.36573	-1.86782	-1.88986	-1.18646	-1.15382
1.25399	-1.45559	-1.35641	0.11068	-2.66172	-0.986	-0.62449	0.51212	0.15641	0.60096	-0.38302	0.41507	0.4747	0.11865	0.23076
1.25399	1.50038	0.98406	-1.01316	-0.54517	0.136	-2.61081	-0.78788	0.15641	-0.44281	-0.38302	-1.86782	-1.88986	-1.18646	0.23076
1.25399	-0.47027	-0.18617	1.23452	-1.60345	-0.986	-0.62449	1.81212	1.37093	1.64474	1.59968	0.41507	0.4747	1.42376	0.23076
-1.4158	2.4857	2.15429	-3.26084	-1.60345	-3.23	-2.61081	-3.38787	-2.27262	0.60096	-2.36573	-1.86782	-3.07214	-2.49157	-2.5384
1.25399	-0.47027	-0.18617	1.23452	-1.60345	1.258	1.36183	1.81212	1.37093	-0.44281	-0.38302	-1.86782	-0.70758	-1.18646	0.23076
1.25399	0.51506	0.98406	0.11068	0.5131	0.136	0.36867	0.51212	1.37093	1.64474	1.59968	0.41507	0.4747	0.11865	1.61535
1.25399	-0.47027	0.98406	1.23452	1.57138	1.258	1.36183	0.51212	1.37093	0.60096	1.59968	1.55651	1.65698	1.42376	1.61535
-0.0809	-1.45559	-1.35641	-1.01316	-2.66172	-2.108	-2.61081	-2.08787	-3.48713	-2.53036	-1.37437	-1.86782	-0.70758	0.11865	-1.15382
-0.0809	-0.47027	-0.18617	0.11068	1.57138	1.258	1.36183	0.51212	1.37093	1.64474	1.59968	1.55651	1.65698	1.42376	1.61535
-0.0809	0.51506	2.15429	0.11068	0.5131	-0.986	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	-0.47027	0.98406	0.11068	0.5131	0.136	0.36867	-0.78788	-1.0581	0.60096	-0.38302	0.41507	0.4747	0.11865	0.23076
-2.75069	0.51506	-0.18617	-1.01316	-1.60345	0.136	0.36867	-0.78788	0.15641	-0.44281	-1.37437	0.41507	0.4747	-1.18646	0.23076
-0.0809	-0.47027	-0.18617	0.11068	-0.54517	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	-0.47027	-1.35641	-1.01316	-0.54517	-0.986	-0.62449	0.51212	0.15641	0.60096	-0.38302	0.41507	-0.70758	0.11865	-1.15382
-0.0809	-0.47027	2.15429	1.23452	1.57138	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
1.25399	2.4857	2.32453	1.23452	1.57138	0.136	0.36867	-0.78788	1.37093	-0.44281	1.59968	0.41507	0.4747	1.42376	1.61535
-0.0809	0.51506	-0.18617	1.23452	0.5131	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	-0.70758	0.11865	-1.15382
-2.75069	1.50038	-0.18617	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	-0.44281	-0.38302	-1.86782	0.4747	0.11865	-1.15382
-0.0809	-0.47027	-0.18617	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	0.51506	2.15429	1.23452	1.57138	0.136	0.36867	0.51212	-1.0581	-0.44281	-0.38302	0.41507	-0.70758	-1.18646	0.23076
-0.0809	1.50038	-0.18617	0.11068	-0.54517	0.136	0.36867	-0.78788	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	1.50038	-1.35641	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	-0.44281	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	-1.45559	-1.35641	0.11068	-0.54517	1.258	1.36183	0.51212	0.15641	-0.44281	0.60833	0.41507	0.4747	0.11865	1.61535
-2.75069	-0.47027	0.98406	0.11068	-0.54517	0.136	-0.62449	-0.78788	-1.0581	-1.48659	0.60833	-1.86782	-1.88986	-2.49157	-1.15382
-0.0809	-0.47027	-0.18617	1.23452	0.5131	1.258	1.36183	0.51212	0.15641	1.64474	0.60833	0.41507	1.65698	1.42376	0.23076
-0.0809	0.51506	-0.18617	-1.01316	-0.54517	-2.108	-1.61765	-0.78788	-1.0581	0.60096	0.60833	-0.72637	-0.70758	-1.18646	0.23076
-0.0809	0.51506	-0.18617	1.23452	0.5131	1.258	1.36183	0.51212	0.15641	0.60096	0.60833	1.55651	1.65698	1.42376	0.23076
1.25399	-0.47027	-1.35641	0.11068	0.5131	0.136	0.36867	-0.78788	0.15641	-0.44281	0.60833	-0.72637	-0.70758	0.11865	0.23076



OC11	OC12	OC13	OC14	OC15	OC16	OC17	OC18	OC19	OC20	OC21	OC22	OC23	OC24	OC25
-1.4158	-0.47027	-0.18617	-1.01316	-1.60345	0.136	-0.62449	-0.78788	-1.0581	-1.48659	-1.37437	-1.86782	-1.88986	-1.18646	-1.15382
-0.0809	-0.47027	-0.18617	0.11068	0.5131	0.136	1.36183	0.51212	0.15641	-1.48659	0.60833	0.41507	0.4747	0.11865	0.23076
1.25399	-1.45559	-1.35641	1.23452	0.5131	1.258	1.36183	0.51212	1.37093	0.60096	0.60833	1.55651	0.4747	0.11865	0.23076
1.25399	-1.45559	-1.35641	0.11068	0.5131	1.258	0.36867	0.51212	1.37093	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-1.4158	1.50038	-0.18617	0.11068	0.5131	1.258	-1.61765	-2.08787	0.15641	-2.53036	-0.38302	0.41507	-1.88986	0.11865	1.61535
1.25399	-1.45559	-1.35641	1.23452	0.5131	1.258	1.36183	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	1.42376	0.23076
-0.0809	0.51506	0.98406	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	0.51506	0.98406	-1.01316	-0.54517	0.136	-0.62449	0.51212	0.15641	-0.44281	-0.38302	0.41507	-0.70758	0.11865	0.23076
-0.0809	1.50038	0.98406	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	-0.47027	-0.18617	-1.01316	0.5131	0.136	0.36867	0.51212	0.15641	-0.44281	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	0.51506	-0.18617	-1.01316	0.5131	0.136	-0.62449	0.51212	0.15641	-0.44281	0.60833	0.41507	0.4747	0.11865	1.61535
-1.4158	0.51506	0.98406	0.11068	1.57138	1.258	1.36183	1.81212	1.37093	1.64474	0.60833	1.55651	1.65698	1.42376	0.23076
-1.4158	-0.47027	-0.18617	-1.01316	0.5131	-0.986	-0.62449	-0.78788	0.15641	0.60096	-0.38302	0.41507	-0.70758	0.11865	0.23076
-0.0809	0.51506	-0.18617	-1.01316	-0.54517	0.136	-0.62449	-0.78788	0.15641	-1.48659	-1.37437	0.41507	-0.70758	0.11865	-1.15382
1.25399	0.51506	-0.18617	1.23452	1.57138	1.258	-0.62449	-0.78788	0.15641	-0.44281	0.60833	0.41507	1.65698	1.42376	1.61535
-0.0809	-0.47027	0.98406	0.11068	-1.60345	-0.986	0.36867	-2.08787	-1.0581	-0.44281	-1.37437	1.55651	-1.88986	1.42376	0.23076
-0.0809	-0.47027	-0.18617	-1.01316	0.5131	0.136	-0.62449	0.51212	0.15641	-0.44281	-0.38302	-0.72637	0.4747	0.11865	0.23076
-0.0809	-0.47027	-0.18617	-1.01316	-0.54517	-0.986	-1.61765	0.51212	0.15641	-0.44281	-1.37437	1.55651	-1.88986	1.42376	0.23076
-0.0809	0.51506	0.98406	-1.01316	-0.54517	-0.986	0.36867	-0.78788	0.15641	-0.44281	0.60833	-0.72637	-0.70758	-1.18646	0.23076
-0.0809	-1.45559	-0.18617	0.11068	0.5131	0.136	-0.62449	-0.78788	0.15641	0.60096	0.60833	0.41507	0.4747	1.42376	1.61535
-0.0809	-0.47027	-0.18617	0.11068	0.5131	0.136	0.36867	-0.78788	-1.0581	-0.44281	-0.38302	-0.72637	-0.70758	-1.18646	-1.15382
-0.0809	1.50038	0.98406	1.23452	0.5131	0.136	0.36867	-0.78788	0.15641	-0.44281	-0.38302	0.41507	-0.70758	1.42376	0.23076
1.25399	-0.47027	-0.18617	1.23452	0.5131	0.136	0.36867	-0.78788	0.15641	0.60096	0.60833	0.41507	0.4747	1.42376	0.23076
-0.0809	-0.47027	0.98406	0.11068	-1.60345	0.136	-1.61765	-0.78788	-2.27262	0.60096	-1.37437	1.55651	-0.70758	1.42376	0.23076
-0.0809	-0.47027	0.98406	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	-0.44281	-0.38302	0.41507	0.4747	0.11865	0.23076
1.25399	1.50038	0.98406	0.11068	-0.54517	0.136	0.36867	0.51212	0.15641	0.60096	-0.38302	0.41507	0.4747	-1.18646	-1.15382
1.25399	1.50038	0.98406	0.11068	-0.54517	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	-1.18646	-1.15382
-0.0809	1.50038	-0.18617	0.11068	0.5131	0.136	-0.62449	-0.78788	0.15641	-0.44281	0.60833	0.41507	0.4747	-1.18646	-1.15382
1.25399	-1.45559	-0.18617	1.23452	1.57138	1.258	1.36183	1.81212	1.37093	0.60096	0.60833	1.55651	1.65698	1.42376	1.61535

OC11	OC12	OC13	OC14	OC15	OC16	OC17	OC18	OC19	OC20	OC21	OC22	OC23	OC24	OC25
1.25399	-0.47027	-1.35641	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	1.64474	1.59968	0.41507	0.4747	0.11865	0.23076
1.25399	-1.45559	-0.18617	1.23452	1.57138	1.258	1.36183	0.51212	1.37093	0.60096	0.60833	1.55651	1.65698	1.42376	1.61535
-0.0809	1.50038	-0.18617	1.23452	1.57138	1.258	1.36183	1.81212	1.37093	1.64474	1.59968	0.41507	0.4747	1.42376	0.23076
1.25399	-1.45559	-0.18617	1.23452	1.57138	1.258	1.36183	1.81212	1.37093	0.60096	0.60833	1.55651	1.65698	1.42376	1.61535
1.25399	-1.45559	-0.18617	1.23452	1.57138	1.258	1.36183	0.51212	1.37093	0.60096	0.60833	1.55651	1.65698	1.42376	1.61535
1.25399	-0.47027	-0.18617	0.11068	0.5131	0.136	0.36867	1.81212	0.15641	0.60096	0.60833	0.41507	1.65698	0.11865	0.23076
-0.0809	1.50038	0.98406	-1.01316	0.5131	0.136	-0.62449	-0.78788	-1.0581	0.60096	-0.38302	-0.72637	0.4747	0.11865	0.23076
-0.0809	1.50038	-1.35641	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	1.61535
-1.4158	0.51506	0.98406	-1.01316	-0.54517	0.136	0.36867	0.51212	-1.0581	-0.44281	-0.38302	-0.72637	-0.70758	0.11865	0.23076
1.25399	-0.47027	-1.35641	1.23452	-0.54517	1.258	1.36183	1.81212	1.37093	0.60096	0.60833	0.41507	-0.70758	0.11865	-1.15382
1.25399	-0.47027	-0.18617	0.11068	-0.54517	0.136	-0.62449	-0.78788	-1.0581	-0.44281	-1.37437	-1.86782	0.4747	-1.18646	0.23076
-0.0809	0.51506	0.98406	0.11068	0.5131	-0.986	0.36867	-0.78788	-1.0581	0.60096	0.60833	-0.72637	-0.70758	-1.18646	-1.15382
-0.0809	0.51506	-0.18617	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	-0.44281	-1.37437	0.41507	0.4747	0.11865	-1.15382
-0.0809	0.51506	-0.18617	0.11068	-0.54517	0.136	0.36867	-0.78788	0.15641	-0.44281	0.60833	-0.72637	0.4747	0.11865	-1.15382
-0.0809	-0.47027	-1.35641	0.11068	0.5131	0.136	-0.62449	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	-1.15382
-1.4158	0.51506	0.98406	-2.137	-1.60345	-2.108	-0.62449	-0.78788	0.15641	-1.48659	-1.37437	-1.86782	-0.70758	-1.18646	-1.15382
1.25399	-1.45559	-1.35641	0.11068	-0.54517	-0.986	-0.62449	-0.78788	-1.0581	-0.44281	-1.37437	-0.72637	-0.70758	-1.18646	0.23076
-0.0809	-0.47027	-0.18617	0.11068	-0.54517	1.258	0.36867	0.51212	0.15641	0.60096	-1.37437	-0.72637	-0.70758	0.11865	0.23076
-0.0809	0.51506	0.98406	-1.01316	-0.54517	0.136	-0.62449	-0.78788	0.15641	0.60096	-0.38302	-0.72637	-0.70758	0.11865	0.23076
1.25399	-1.45559	-1.35641	1.23452	-2.66172	-2.108	-2.61081	-0.78788	0.15641	-2.53036	-2.36573	0.41507	-0.70758	0.11865	-1.15382
-0.0809	-0.47027	-1.35641	0.11068	-0.54517	0.136	-1.61765	-0.78788	-1.0581	0.60096	0.60833	-0.72637	-0.70758	0.11865	-1.15382
1.25399	-0.47027	-1.35641	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	-0.44281	-0.38302	0.41507	0.4747	0.11865	0.23076
-0.0809	-0.47027	-0.18617	-1.01316	-0.54517	0.136	-1.61765	0.51212	0.15641	-0.44281	0.60833	-1.86782	-0.70758	-1.18646	-1.15382
1.25399	-1.45559	-1.35641	1.23452	0.5131	0.136	0.36867	0.51212	1.37093	1.64474	0.60833	0.41507	0.4747	1.42376	1.61535
-0.0809	0.51506	-0.18617	-1.01316	-0.54517	-0.986	0.36867	-0.78788	-2.27262	-1.48659	-1.37437	-0.72637	-0.70758	-1.18646	-3.92299
-0.0809	0.51506	0.98406	0.11068	0.5131	-0.986	-0.62449	0.51212	-1.0581	-0.44281	0.60833	0.41507	0.4747	0.11865	-1.15382
-1.4158	0.51506	-0.18617	-1.01316	-1.60345	-0.986	-1.61765	-2.08787	-2.27262	-1.48659	-1.37437	-0.72637	-0.70758	-1.18646	0.23076
1.25399	-0.47027	-1.35641	0.11068	-0.54517	-0.986	-1.61765	0.51212	0.15641	-2.53036	-1.37437	-0.72637	-0.70758	-1.18646	0.23076
-0.0809	0.51506	0.98406	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076

OC11	OC12	OC13	OC14	OC15	OC16	OC17	OC18	OC19	OC20	OC21	OC22	OC23	OC24	OC25
1.25399	-1.45559	-1.35641	1.23452	0.5131	1.258	1.36183	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	1.42376	0.23076
-1.4158	1.50038	-0.18617	0.11068	0.5131	1.258	-1.61765	-2.08787	0.15641	-2.53036	-0.38302	0.41507	-1.88986	0.11865	1.61535
1.25399	-1.45559	-1.35641	0.11068	0.5131	1.258	0.36867	0.51212	1.37093	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
1.25399	-1.45559	-1.35641	1.23452	0.5131	1.258	1.36183	0.51212	1.37093	0.60096	0.60833	1.55651	0.4747	0.11865	0.23076
1.25399	-0.47027	-1.35641	0.11068	0.5131	0.136	0.36867	-0.78788	0.15641	-0.44281	0.60833	-0.72637	-0.70758	0.11865	0.23076
-0.0809	0.51506	-0.18617	1.23452	0.5131	1.258	1.36183	0.51212	0.15641	0.60096	0.60833	1.55651	1.65698	1.42376	0.23076
-0.0809	0.51506	-0.18617	-1.01316	-0.54517	-2.108	-1.61765	-0.78788	-1.0581	-0.44281	-0.38302	-0.72637	-0.70758	-1.18646	0.23076
-0.0809	-0.47027	-0.18617	1.23452	0.5131	1.258	1.36183	0.51212	0.15641	1.64474	0.60833	0.41507	1.65698	1.42376	0.23076
-2.75069	-0.47027	0.98406	0.11068	-0.54517	0.136	-0.62449	-0.78788	-1.0581	-1.48659	0.60833	-1.86782	-1.88986	-1.18646	-1.15382
1.25399	-1.45559	-1.35641	0.11068	-0.54517	1.258	1.36183	0.51212	0.15641	-0.44281	0.60833	0.41507	0.4747	0.11865	1.61535
-0.0809	1.50038	-0.18617	0.11068	-0.54517	0.136	0.36867	-0.78788	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	0.51506	0.98406	1.23452	1.57138	1.258	0.36867	0.51212	-1.0581	-0.44281	-0.38302	0.41507	-0.70758	-1.18646	0.23076
-0.0809	-0.47027	-0.18617	0.11068	0.5131	0.136	0.36867	-0.78788	-1.0581	0.60096	0.60833	0.41507	0.4747	-2.49157	-1.15382
-2.75069	1.50038	-0.18617	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	-0.44281	-0.38302	-1.86782	0.4747	0.11865	-1.15382
-0.0809	0.51506	-0.18617	1.23452	0.5131	0.136	0.36867	0.51212	-1.0581	-0.44281	0.60833	0.41507	-0.70758	0.11865	-1.15382
-0.0809	1.50038	2.15429	0.11068	0.5131	0.136	0.36867	-0.78788	1.37093	-0.44281	0.60833	0.41507	0.4747	1.42376	0.23076
-0.0809	-0.47027	0.98406	0.11068	0.5131	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	-0.47027	-1.35641	-1.01316	-0.54517	-0.986	-0.62449	0.51212	0.15641	0.60096	-0.38302	0.41507	-0.70758	0.11865	0.23076
-0.0809	-0.47027	-0.18617	0.11068	-0.54517	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-2.75069	0.51506	-0.18617	-1.01316	-1.60345	0.136	0.36867	-0.78788	-1.0581	-0.44281	-0.38302	0.41507	0.4747	-1.18646	0.23076
-0.0809	-0.47027	-0.18617	-3.26084	-0.54517	-0.986	0.36867	0.51212	0.15641	0.60096	-0.38302	0.41507	0.4747	0.11865	0.23076
-1.4158	2.4857	2.15429	-3.26084	-1.60345	-3.23	-2.61081	-3.38787	-2.27262	0.60096	-2.36573	-1.86782	-3.07214	-2.49157	-2.5384
-1.4158	2.4857	-0.18617	-2.137	0.5131	-2.108	0.36867	0.51212	0.15641	0.60096	-0.38302	-1.86782	-0.70758	-1.18646	0.23076
1.25399	0.51506	0.98406	0.11068	0.5131	0.136	0.36867	0.51212	1.37093	1.64474	1.59968	0.41507	0.4747	0.11865	1.61535
-0.0809	-0.47027	0.98406	0.11068	0.5131	0.136	0.36867	1.81212	0.15641	0.60096	0.60833	1.55651	1.65698	1.42376	1.61535
-1.4158	-1.45559	-1.35641	-1.01316	-2.66172	-2.108	-1.61765	-2.08787	-3.48713	-2.53036	-2.36573	-1.86782	-0.70758	0.11865	-1.15382
-0.0809	-1.45559	-1.35641	-1.01316	0.5131	0.136	0.36867	0.51212	0.15641	0.60096	0.60833	0.41507	0.4747	0.11865	0.23076
-0.0809	0.51506	2.15429	0.11068	0.5131	-0.986	-0.62449	-0.78788	0.15641	0.60096	0.60833	0.41507	0.4747	-1.18646	0.23076
-1.4158	0.51506	-0.18617	-1.01316	0.5131	0.136	0.36867	0.51212	0.15641	-0.44281	0.60833	-0.72637	0.4747	0.11865	0.23076

OC11	OC12	OC13	OC14	OC15	OC16	OC17	OC18	OC19	OC20	OC21	OC22	OC23	OC24	OC25
-0.0809	-0.47027	-0.18617	0.11068	0.5131	0.136	0.36867	0.51212	1.37093	-0.44281	-1.37437	0.41507	0.4747	1.42376	-1.15382
-0.0809	0.51506	0.98406	0.11068	0.5131	0.136	-0.62449	-0.78788	-1.0581	0.60096	0.60833	-0.72637	-0.70758	-1.18646	0.23076
1.25399	-0.47027	-0.18617	0.11068	-0.54517	-0.986	0.36867	-0.78788	0.15641	-0.44281	-1.37437	-1.86782	1.65698	-1.18646	0.23076
-0.0809	-0.47027	-0.18617	1.23452	0.5131	1.258	1.36183	1.81212	1.37093	0.60096	0.60833	-0.72637	-0.70758	0.11865	-1.15382
-0.0809	-1.45559	-1.35641	0.11068	-1.60345	-2.108	-2.61081	-0.78788	1.37093	-1.48659	-1.37437	-0.72637	-0.70758	0.11865	-1.15382
-0.0809	0.51506	0.98406	-1.01316	-0.54517	1.258	-0.62449	-0.78788	1.37093	0.60096	-0.38302	-0.72637	-0.70758	0.11865	0.23076
-0.0809	-1.45559	-1.35641	1.23452	-0.54517	1.258	0.36867	0.51212	0.15641	0.60096	-2.36573	-0.72637	-0.70758	1.42376	0.23076
-0.0809	-0.47027	-0.18617	1.23452	-0.54517	-0.986	-0.62449	-0.78788	-1.0581	-1.48659	-1.37437	-0.72637	-0.70758	-1.18646	0.23076
-1.4158	0.51506	0.98406	-2.137	-1.60345	-0.986	0.36867	0.51212	0.15641	-1.48659	-1.37437	-1.86782	-0.70758	-1.18646	-1.15382
-0.0809	-0.47027	-0.18617	0.11068	0.5131	0.136	-0.62449	-0.78788	-1.0581	1.64474	1.59968	-0.72637	-0.70758	0.11865	-1.15382
-0.0809	-0.47027	-0.18617	0.11068	0.5131	0.136	0.36867	1.81212	1.37093	-0.44281	-0.38302	0.41507	0.4747	0.11865	-1.15382
-0.0809	-0.47027	-0.18617	-1.01316	-0.54517	-0.986	-0.62449	0.51212	0.15641	-1.48659	-1.37437	-0.72637	-0.70758	-1.18646	0.23076
-1.4158	0.51506	-0.18617	-2.137	-1.60345	-0.986	-0.62449	-0.78788	-1.0581	-1.48659	-0.38302	-0.72637	-0.70758	-1.18646	0.23076
-0.0809	0.51506	0.98406	1.23452	1.57138	-0.986	-0.62449	0.51212	-1.0581	-0.44281	1.59968	1.55651	1.65698	1.42376	-1.15382
-0.0809	-0.47027	-0.18617	1.23452	1.57138	1.258	0.36867	0.51212	1.37093	1.64474	1.59968	1.55651	0.4747	0.11865	1.61535
-0.0809	0.51506	0.98406	-1.01316	-0.54517	-0.986	0.36867	0.51212	-1.0581	-1.48659	-1.37437	-0.72637	-0.70758	-1.18646	-1.15382

OM26	OM27	OM28	OM29	OM30	OM31	OM32	OM33	OM34	OM35	OM36	OE37	OE38	OE39	OE40
-2.48714	-0.87192	-1.87165	-1.89193	-0.67651	-0.90658	-0.99024	-0.60612	-0.73746	-0.8238	-1.08934	-1.18838	-1.18394	-2.03132	-0.97082
0.40539	-0.87192	-0.63015	-0.71947	0.58123	0.51805	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
0.40539	-0.87192	0.61134	-0.71947	-1.93426	-0.90658	1.08454	1.4194	1.20944	0.14711	-2.29769	-2.39505	-2.40488	-2.03132	-2.21498
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	-0.99024	-0.60612	0.23599	0.14711	1.32735	1.22495	1.25794	1.60851	1.5175
-1.04087	0.58496	-1.87165	0.453	-1.93426	-0.90658	-2.02762	-1.61888	-1.71092	-1.7947	-2.29769	-2.39505	-1.18394	-2.03132	-3.45914
-1.04087	-0.87192	-0.63015	-0.71947	-0.67651	-0.90658	0.04715	0.40664	-0.73746	-0.8238	-2.29769	-2.39505	-2.40488	-2.03132	-2.21498
1.85166	2.04184	1.85284	1.62546	1.83898	1.94268	-0.99024	-0.60612	-0.73746	0.14711	1.32735	1.22495	1.25794	1.60851	1.5175
1.85166	2.04184	1.85284	1.62546	1.83898	1.94268	2.12193	1.4194	1.20944	1.11801	1.32735	1.22495	1.25794	1.60851	1.5175
-1.04087	-0.87192	-0.63015	-0.71947	0.58123	-0.90658	-2.02762	-1.61888	-1.71092	-1.7947	-1.08934	0.01828	-1.18394	0.39523	-0.97082
1.85166	-0.87192	0.61134	0.453	0.58123	0.51805	0.04715	-0.60612	-0.73746	-0.8238	1.32735	1.22495	1.25794	1.60851	1.5175
0.40539	-0.87192	0.61134	0.453	0.58123	0.51805	1.08454	1.4194	1.20944	1.11801	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	0.61134	0.453	0.58123	-0.90658	0.04715	0.40664	0.23599	1.11801	0.119	0.01828	0.037	0.39523	0.27334
-1.04087	0.58496	-1.87165	0.453	0.58123	-0.90658	-0.99024	-1.61888	-1.71092	-0.8238	1.32735	1.22495	1.25794	1.60851	-0.97082
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	1.08454	1.4194	1.20944	1.11801	0.119	0.01828	0.037	0.39523	0.27334
-1.04087	-0.87192	-0.63015	-0.71947	-0.67651	0.51805	0.04715	0.40664	1.20944	0.14711	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	1.85284	0.453	0.58123	0.51805	1.08454	1.4194	1.20944	1.11801	1.32735	1.22495	0.037	0.39523	0.27334
0.40539	0.58496	-0.63015	1.62546	1.83898	0.51805	1.08454	-1.61888	-1.71092	-1.7947	1.32735	1.22495	1.25794	0.39523	1.5175
-1.04087	-0.87192	0.61134	-0.71947	-0.67651	-0.90658	-0.99024	-1.61888	-0.73746	-0.8238	0.119	0.01828	1.25794	0.39523	0.27334
-1.04087	-0.87192	-0.63015	0.453	0.58123	-0.90658	1.08454	-0.60612	-0.73746	-0.8238	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	1.08454	1.4194	1.20944	1.11801	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	-0.63015	-0.71947	-0.67651	-0.90658	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	-0.81804	-0.97082
0.40539	-0.87192	-0.63015	0.453	0.58123	-0.90658	-0.99024	1.4194	1.20944	1.11801	0.119	0.01828	0.037	-0.81804	0.27334
1.85166	2.04184	0.61134	1.62546	0.58123	0.51805	-0.99024	-0.60612	-0.73746	-0.8238	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	-0.99024	-0.60612	-0.73746	-0.8238	0.119	0.01828	0.037	0.39523	0.27334
-2.48714	-2.3288	-0.63015	0.453	-0.67651	-0.90658	0.04715	-0.60612	0.23599	0.14711	0.119	0.01828	0.037	-0.81804	0.27334
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	-0.99024	-0.60612	0.23599	1.11801	1.32735	1.22495	1.25794	0.39523	1.5175
-1.04087	-2.3288	-0.63015	0.453	-1.93426	-0.90658	-0.99024	-0.60612	-0.73746	-0.8238	-2.29769	-2.39505	-1.18394	-0.81804	-0.97082
0.40539	0.58496	0.61134	0.453	0.58123	-0.90658	1.08454	1.4194	1.20944	1.11801	1.32735	1.22495	1.25794	1.60851	1.5175
0.40539	0.58496	-0.63015	0.453	0.58123	-0.90658	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334

OM26	OM27	OM28	OM29	OM30	OM31	OM32	OM33	OM34	OM35	OM36	OE37	OE38	OE39	OE40
-1.04087	0.58496	0.61134	-1.89193	-1.93426	-0.90658	0.04715	-0.60612	-0.73746	1.11801	-1.08934	-2.39505	-2.40488	-0.81804	-0.97082
0.40539	0.58496	0.61134	1.62546	0.58123	0.51805	1.08454	1.4194	1.20944	1.11801	0.119	0.01828	1.25794	0.39523	0.27334
0.40539	-0.87192	-0.63015	-0.71947	-0.67651	-0.90658	1.08454	0.40664	0.23599	0.14711	0.119	0.01828	1.25794	1.60851	1.5175
0.40539	0.58496	-0.63015	-0.71947	-0.67651	0.51805	0.04715	-1.61888	-1.71092	-1.7947	1.32735	1.22495	1.25794	-0.81804	-0.97082
0.40539	0.58496	0.61134	0.453	-1.93426	0.51805	-2.02762	-1.61888	-0.73746	-0.8238	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	-0.63015	0.453	0.58123	0.51805	1.08454	0.40664	0.23599	0.14711	1.32735	1.22495	1.25794	0.39523	0.27334
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	0.61134	-0.71947	0.58123	0.51805	0.04715	0.40664	0.23599	0.14711	1.32735	1.22495	1.25794	0.39523	0.27334
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	1.08454	1.4194	1.20944	1.11801	0.119	0.01828	0.037	-0.81804	0.27334
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	1.08454	1.4194	1.20944	1.11801	0.119	0.01828	0.037	0.39523	0.27334
1.85166	2.04184	1.85284	1.62546	1.83898	1.94268	1.08454	1.4194	1.20944	1.11801	1.32735	1.22495	1.25794	-0.81804	0.27334
0.40539	0.58496	-0.63015	1.62546	1.83898	1.94268	2.12193	-0.60612	0.23599	0.14711	1.32735	1.22495	1.25794	1.60851	1.5175
-1.04087	0.58496	0.61134	0.453	0.58123	-0.90658	-0.99024	-0.60612	-0.73746	-0.8238	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	-0.63015	0.453	-0.67651	-0.90658	-0.99024	0.40664	-0.73746	-0.8238	0.119	0.01828	0.037	0.39523	-0.97082
1.85166	0.58496	0.61134	0.453	-0.67651	0.51805	0.04715	0.40664	-0.73746	-0.8238	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	1.85284	1.62546	0.58123	0.51805	-0.99024	-0.60612	-0.73746	0.14711	1.32735	1.22495	1.25794	-0.81804	0.27334
0.40539	0.58496	-0.63015	0.453	0.58123	0.51805	-0.99024	-0.60612	-0.73746	0.14711	0.119	0.01828	0.037	-0.81804	1.5175
0.40539	0.58496	1.85284	1.62546	0.58123	0.51805	0.04715	0.40664	0.23599	0.14711	1.32735	1.22495	-1.18394	0.39523	1.5175
0.40539	0.58496	-0.63015	0.453	0.58123	0.51805	0.04715	1.4194	0.23599	1.11801	0.119	-1.18838	0.037	-0.81804	-0.97082
1.85166	2.04184	1.85284	1.62546	1.83898	1.94268	2.12193	1.4194	2.18289	2.08891	1.32735	1.22495	1.25794	1.60851	1.5175
-1.04087	-0.87192	-0.63015	-0.71947	-0.67651	-0.90658	0.04715	0.40664	0.23599	0.14711	-1.08934	-1.18838	-2.40488	-0.81804	-0.97082
1.85166	0.58496	0.61134	0.453	-0.67651	-2.33122	0.04715	-0.60612	-0.73746	1.11801	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	-0.63015	0.453	-0.67651	0.51805	0.04715	0.40664	1.20944	1.11801	0.119	1.22495	0.037	-0.81804	0.27334
-1.04087	-2.3288	0.61134	-1.89193	-0.67651	1.94268	0.04715	2.43216	0.23599	1.11801	-2.29769	0.01828	-1.18394	0.39523	1.5175
0.40539	-0.87192	0.61134	-0.71947	-0.67651	0.51805	1.08454	0.40664	1.20944	1.11801	0.119	0.01828	0.037	0.39523	-0.97082
0.40539	0.58496	-1.87165	-1.89193	-1.93426	0.51805	-0.99024	0.40664	0.23599	0.14711	0.119	0.01828	0.037	-0.81804	-0.97082
0.40539	0.58496	-0.63015	-1.89193	-1.93426	0.51805	-0.99024	0.40664	0.23599	0.14711	1.32735	0.01828	0.037	-0.81804	-0.97082
0.40539	0.58496	0.61134	0.453	-0.67651	0.51805	0.04715	0.40664	0.23599	1.11801	0.119	1.22495	0.037	0.39523	-0.97082
0.40539	0.58496	1.85284	0.453	0.58123	1.94268	0.04715	0.40664	1.20944	1.11801	0.119	1.22495	0.037	0.39523	0.27334

OM26	OM27	OM28	OM29	OM30	OM31	OM32	OM33	OM34	OM35	OM36	OE37	OE38	OE39	OE40
-1.04087	2.04184	0.61134	0.453	0.58123	0.51805	0.04715	0.40664	2.18289	2.08891	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	1.85284	0.453	0.58123	1.94268	0.04715	0.40664	1.20944	1.11801	0.119	1.22495	0.037	0.39523	0.27334
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	2.12193	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	1.85284	0.453	0.58123	1.94268	0.04715	0.40664	1.20944	1.11801	0.119	1.22495	0.037	0.39523	0.27334
0.40539	0.58496	1.85284	0.453	0.58123	1.94268	0.04715	0.40664	1.20944	1.11801	0.119	1.22495	0.037	0.39523	0.27334
0.40539	-0.87192	0.61134	0.453	-0.67651	0.51805	0.04715	0.40664	2.18289	2.08891	1.32735	0.01828	0.037	0.39523	0.27334
1.85166	0.58496	0.61134	1.62546	1.83898	0.51805	1.08454	2.43216	2.18289	2.08891	1.32735	1.22495	1.25794	0.39523	0.27334
0.40539	-0.87192	0.61134	0.453	-0.67651	-0.90658	1.08454	1.4194	1.20944	1.11801	0.119	0.01828	1.25794	1.60851	0.27334
-1.04087	0.58496	-0.63015	0.453	0.58123	-0.90658	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
-1.04087	-0.87192	0.61134	1.62546	0.58123	0.51805	-0.99024	0.40664	0.23599	0.14711	0.119	0.01828	1.25794	0.39523	0.27334
-1.04087	-2.3288	-1.87165	-1.89193	-0.67651	-0.90658	-0.99024	-0.60612	-0.73746	-0.8238	-1.08934	0.01828	-1.18394	-0.81804	-0.97082
0.40539	-0.87192	0.61134	-0.71947	0.58123	-0.90658	1.08454	0.40664	0.23599	1.11801	0.119	0.01828	-1.18394	-0.81804	0.27334
0.40539	0.58496	-0.63015	-0.71947	-0.67651	-0.90658	1.08454	1.4194	1.20944	1.11801	0.119	0.01828	-1.18394	-0.81804	0.27334
0.40539	0.58496	-0.63015	0.453	0.58123	-0.90658	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
0.40539	-0.87192	0.61134	0.453	0.58123	0.51805	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	-0.97082
-2.48714	-0.87192	-0.63015	-1.89193	-0.67651	-2.33122	-0.99024	-0.60612	-0.73746	-0.8238	-1.08934	-2.39505	-2.40488	-2.03132	-0.97082
-1.04087	-0.87192	0.61134	0.453	-0.67651	-0.90658	-0.99024	-0.60612	-0.73746	0.14711	-1.08934	-1.18838	-1.18394	-0.81804	-2.21498
-1.04087	-0.87192	-0.63015	0.453	0.58123	-0.90658	0.04715	0.40664	0.23599	0.14711	-1.08934	0.01828	0.037	-0.81804	-0.97082
0.40539	0.58496	0.61134	-0.71947	0.58123	0.51805	1.08454	0.40664	1.20944	1.11801	-1.08934	-1.18838	0.037	0.39523	0.27334
-2.48714	-0.87192	0.61134	-3.06439	-0.67651	-0.90658	1.08454	-1.61888	-1.71092	-1.7947	-1.08934	-1.18838	-1.18394	-3.24459	-0.97082
0.40539	-0.87192	-0.63015	0.453	0.58123	0.51805	0.04715	-0.60612	0.23599	-0.8238	0.119	0.01828	-1.18394	-0.81804	0.27334
-1.04087	-0.87192	-0.63015	0.453	-0.67651	0.51805	1.08454	0.40664	0.23599	0.14711	-1.08934	-1.18838	-1.18394	-0.81804	0.27334
-1.04087	0.58496	-0.63015	-0.71947	-1.93426	-0.90658	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	-0.81804	-0.97082
1.85166	0.58496	-0.63015	-0.71947	0.58123	-0.90658	-0.99024	-0.60612	-0.73746	-0.8238	1.32735	1.22495	1.25794	0.39523	1.5175
-1.04087	-0.87192	-1.87165	-1.89193	-1.93426	-0.90658	0.04715	-0.60612	0.23599	0.14711	0.119	0.01828	1.25794	1.60851	0.27334
-1.04087	-0.87192	-0.63015	-0.71947	-0.67651	-0.90658	1.08454	0.40664	0.23599	0.14711	-2.29769	-2.39505	-2.40488	-2.03132	-0.97082
-1.04087	-0.87192	-1.87165	-0.71947	-1.93426	-0.90658	-0.99024	-1.61888	-1.71092	-0.8238	-2.29769	0.01828	0.037	-0.81804	0.27334
-1.04087	-0.87192	-0.63015	-0.71947	-0.67651	0.51805	-2.02762	-1.61888	-1.71092	-1.7947	-1.08934	0.01828	0.037	-0.81804	0.27334
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334

OM26	OM27	OM28	OM29	OM30	OM31	OM32	OM33	OM34	OM35	OM36	OE37	OE38	OE39	OE40
0.40539	0.58496	-0.63015	0.453	0.58123	0.51805	1.08454	0.40664	0.23599	0.14711	1.32735	1.22495	1.25794	0.39523	0.27334
0.40539	0.58496	0.61134	0.453	-1.93426	0.51805	-2.02762	-1.61888	-0.73746	-0.8238	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	-0.63015	-0.71947	-0.67651	0.51805	0.04715	-1.61888	-1.71092	-1.7947	1.32735	1.22495	1.25794	-0.81804	-0.97082
0.40539	-0.87192	-0.63015	-0.71947	-0.67651	-0.90658	1.08454	0.40664	0.23599	0.14711	0.119	0.01828	1.25794	1.60851	1.5175
0.40539	0.58496	-0.63015	0.453	0.58123	-0.90658	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	0.61134	0.453	0.58123	-0.90658	1.08454	1.4194	1.20944	1.11801	1.32735	1.22495	1.25794	1.60851	1.5175
-1.04087	-2.3288	-0.63015	0.453	-1.93426	-0.90658	-0.99024	-0.60612	-0.73746	-0.8238	-1.08934	-1.18838	-1.18394	-0.81804	-0.97082
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	0.04715	0.40664	0.23599	1.11801	1.32735	1.22495	1.25794	0.39523	1.5175
-2.48714	-2.3288	-0.63015	0.453	-0.67651	-0.90658	0.04715	-0.60612	0.23599	-0.8238	0.119	0.01828	0.037	-0.81804	0.27334
1.85166	0.58496	0.61134	0.453	0.58123	0.51805	-0.99024	-0.60612	-0.73746	-0.8238	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	-0.63015	-0.71947	-0.67651	0.51805	0.04715	-0.60612	1.20944	1.11801	0.119	0.01828	0.037	-0.81804	0.27334
0.40539	0.58496	-0.63015	-0.71947	-0.67651	-0.90658	0.04715	-0.60612	-0.73746	-0.8238	0.119	0.01828	0.037	-0.81804	-0.97082
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	1.08454	1.4194	1.20944	1.11801	0.119	0.01828	0.037	0.39523	0.27334
-1.04087	-0.87192	-0.63015	0.453	0.58123	-0.90658	1.08454	-0.60612	-0.73746	-0.8238	0.119	0.01828	0.037	0.39523	0.27334
-1.04087	-0.87192	0.61134	-0.71947	-0.67651	0.51805	-0.99024	-1.61888	-0.73746	-0.8238	0.119	0.01828	1.25794	0.39523	0.27334
0.40539	0.58496	-0.63015	1.62546	1.83898	0.51805	1.08454	-1.61888	-1.71092	-1.7947	1.32735	1.22495	1.25794	-0.81804	0.27334
0.40539	-0.87192	1.85284	0.453	0.58123	0.51805	1.08454	1.4194	0.23599	0.14711	1.32735	1.22495	0.037	0.39523	0.27334
0.40539	0.58496	0.61134	-0.71947	-0.67651	-0.90658	0.04715	0.40664	1.20944	0.14711	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	-0.63015	-0.71947	0.58123	1.94268	1.08454	1.4194	1.20944	1.11801	0.119	0.01828	0.037	0.39523	0.27334
-1.04087	0.58496	-1.87165	0.453	0.58123	-0.90658	-0.99024	-1.61888	-1.71092	-1.7947	1.32735	1.22495	1.25794	1.60851	-0.97082
0.40539	-0.87192	-0.63015	-0.71947	0.58123	0.51805	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
-1.04087	0.58496	-1.87165	0.453	-1.93426	-0.90658	-2.02762	-1.61888	-1.71092	-1.7947	-2.29769	-2.39505	-1.18394	-2.03132	-3.45914
0.40539	-0.87192	-0.63015	-0.71947	-0.67651	-0.90658	-0.99024	-0.60612	-0.73746	-0.8238	-2.29769	-2.39505	-2.40488	-2.03132	-2.21498
1.85166	2.04184	1.85284	1.62546	1.83898	1.94268	-0.99024	-0.60612	-0.73746	0.14711	0.119	0.01828	0.037	0.39523	0.27334
1.85166	2.04184	1.85284	0.453	0.58123	0.51805	1.08454	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
-1.04087	-0.87192	-0.63015	-0.71947	1.83898	0.51805	-2.02762	-1.61888	-1.71092	-1.7947	-1.08934	-1.18838	-1.18394	0.39523	-0.97082
-1.04087	-0.87192	0.61134	0.453	0.58123	0.51805	0.04715	-1.61888	-1.71092	-1.7947	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	-0.63015	-0.71947	0.58123	1.94268	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	-0.63015	-0.71947	-0.67651	-0.90658	0.04715	0.40664	0.23599	0.14711	1.32735	1.22495	1.25794	1.60851	1.5175



OM26	OM27	OM28	OM29	OM30	OM31	OM32	OM33	OM34	OM35	OM36	OE37	OE38	OE39	OE40
0.40539	0.58496	-0.63015	-0.71947	-0.67651	-0.90658	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
0.40539	-0.87192	0.61134	-0.71947	0.58123	-0.90658	1.08454	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334
0.40539	-2.3288	-1.87165	-1.89193	-0.67651	-0.90658	-0.99024	-0.60612	-0.73746	-0.8238	-1.08934	0.01828	0.037	-0.81804	-0.97082
-1.04087	0.58496	0.61134	1.62546	0.58123	-0.90658	-0.99024	0.40664	0.23599	0.14711	0.119	0.01828	1.25794	1.60851	1.5175
-1.04087	-0.87192	0.61134	-3.06439	-0.67651	-0.90658	1.08454	-1.61888	-1.71092	-1.7947	-1.08934	-1.18838	-1.18394	-3.24459	-2.21498
0.40539	-0.87192	-0.63015	-0.71947	0.58123	0.51805	1.08454	1.4194	1.20944	1.11801	-1.08934	-1.18838	0.037	0.39523	0.27334
-1.04087	-0.87192	0.61134	0.453	0.58123	-0.90658	0.04715	0.40664	0.23599	0.14711	-1.08934	0.01828	0.037	-0.81804	-0.97082
-1.04087	-0.87192	0.61134	0.453	0.58123	0.51805	-0.99024	-0.60612	-0.73746	-0.8238	-1.08934	-1.18838	-1.18394	-0.81804	-2.21498
-1.04087	-0.87192	-0.63015	-1.89193	-0.67651	-2.33122	-0.99024	-0.60612	-0.73746	-0.8238	-1.08934	-2.39505	-2.40488	-0.81804	-0.97082
0.40539	0.58496	0.61134	0.453	0.58123	0.51805	0.04715	-0.60612	0.23599	-0.8238	0.119	0.01828	0.037	0.39523	0.27334
-1.04087	-0.87192	-0.63015	0.453	0.58123	0.51805	1.08454	0.40664	0.23599	0.14711	-1.08934	-1.18838	-1.18394	-0.81804	0.27334
-1.04087	-0.87192	-0.63015	-0.71947	-0.67651	1.94268	-2.02762	-1.61888	-1.71092	-1.7947	0.119	0.01828	0.037	0.39523	0.27334
0.40539	0.58496	-1.87165	-0.71947	-1.93426	-0.90658	-0.99024	-0.60612	-0.73746	-0.8238	-1.08934	0.01828	0.037	0.39523	0.27334
-1.04087	-0.87192	-0.63015	-0.71947	-0.67651	-0.90658	1.08454	-0.60612	-0.73746	-0.8238	-2.29769	-2.39505	-2.40488	-0.81804	-0.97082
0.40539	0.58496	-0.63015	0.453	0.58123	-0.90658	-2.02762	-1.61888	-1.71092	-1.7947	0.119	0.01828	0.037	0.39523	0.27334
-1.04087	-0.87192	-1.87165	-1.89193	-1.93426	-0.90658	0.04715	0.40664	0.23599	0.14711	0.119	0.01828	0.037	0.39523	0.27334

OE41	OE42	OE43	OE44	OE45	OE46	T47	T48	T49	T50	T51	T52	T53	T54	T55
-2.37381	-2.21645	-0.55484	-0.54318	-1.79333	-1.00783	-0.66709	-1.86832	-0.80851	0.55382	-1.06737	-1.07663	-0.70361	-1.03386	-2.17087
0.15315	0.38418	-0.55484	-1.62954	0.419	0.27134	0.52286	0.49166	0.33905	-0.4476	0.17947	0.26408	0.58634	0.30408	-0.83183
-2.37381	-2.21645	-1.71737	-1.62954	-1.79333	0.27134	-1.85705	-1.86832	-1.95606	-1.44902	-2.31422	-2.41734	-1.99356	-2.37179	-2.17087
1.41663	1.6845	1.77021	1.62954	1.52517	0.27134	0.52286	0.49166	0.33905	-0.4476	1.42631	1.60479	-3.28351	1.64201	-0.83183
-1.11033	-2.21645	0.60768	-0.54318	-0.68716	0.27134	-1.85705	-1.86832	-3.10362	-1.44902	-2.31422	-2.41734	-0.70361	-1.03386	0.50721
-2.37381	-2.21645	-1.71737	-1.62954	-1.79333	-2.28699	-1.85705	-3.04831	-1.95606	-2.45044	-2.31422	-1.07663	-1.99356	-1.03386	-2.17087
1.41663	1.6845	1.77021	1.62954	1.52517	1.5505	1.71281	1.67166	1.48661	1.55524	1.42631	1.60479	1.87629	1.64201	1.84625
1.41663	1.6845	0.60768	-0.54318	-0.68716	-1.00783	0.52286	1.67166	1.48661	1.55524	1.42631	1.60479	1.87629	1.64201	0.50721
-1.11033	-0.91613	-2.87989	-2.7159	-2.8995	-1.00783	-0.66709	-1.86832	-0.80851	-1.44902	-1.06737	-1.07663	-0.70361	-1.03386	-0.83183
1.41663	1.6845	1.77021	1.62954	1.52517	0.27134	-0.66709	-0.68833	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	1.5505	0.52286	1.67166	0.33905	1.55524	0.17947	1.60479	0.58634	1.64201	0.50721
0.15315	-0.91613	0.60768	-0.54318	-0.68716	0.27134	-0.66709	-0.68833	-0.80851	-0.4476	0.17947	0.26408	0.58634	0.30408	0.50721
-1.11033	-2.21645	-0.55484	-1.62954	0.419	-1.00783	-1.85705	0.49166	0.33905	0.55382	0.17947	0.26408	1.87629	1.64201	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	-1.85705	0.49166	0.33905	-0.4476	-1.06737	0.26408	-0.70361	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	1.52517	1.5505	0.52286	0.49166	1.48661	0.55382	1.42631	0.26408	0.58634	1.64201	1.84625
1.41663	1.6845	1.77021	1.62954	1.52517	0.27134	0.52286	-0.68833	1.48661	0.55382	1.42631	1.60479	0.58634	1.64201	0.50721
0.15315	0.38418	-0.55484	-1.62954	-1.79333	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	-0.83183
0.15315	0.38418	-0.55484	-0.54318	-0.68716	-1.00783	0.52286	-0.68833	0.33905	-1.44902	-2.31422	-1.07663	0.58634	-1.03386	-0.83183
0.15315	0.38418	0.60768	0.54318	0.419	-1.00783	0.52286	0.49166	-0.80851	0.55382	0.17947	0.26408	-0.70361	-1.03386	0.50721
-1.11033	0.38418	-0.55484	-0.54318	-0.68716	0.27134	0.52286	-0.68833	-0.80851	0.55382	-1.06737	-1.07663	-0.70361	-1.03386	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	-1.85705	-0.68833	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	1.52517	0.27134	-0.66709	0.49166	0.33905	1.55524	1.42631	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	0.49166	0.33905	-0.4476	0.17947	0.26408	0.58634	0.30408	0.50721
-1.11033	-0.91613	-0.55484	-0.54318	-0.68716	0.27134	-0.66709	-0.68833	-0.80851	-0.4476	0.17947	0.26408	0.58634	0.30408	-0.83183
1.41663	0.38418	-0.55484	0.54318	0.419	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	-0.70361	-1.03386	-0.83183
-1.11033	-2.21645	-1.71737	0.54318	-1.79333	-2.28699	-0.66709	-0.68833	-0.80851	-1.44902	-1.06737	-2.41734	-0.70361	-2.37179	-0.83183
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	-1.85705	-0.68833	0.33905	-0.4476	0.17947	-1.07663	-0.70361	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	-0.68833	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721

OE41	OE42	OE43	OE44	OE45	OE46	T47	T48	T49	T50	T51	T52	T53	T54	T55
-2.37381	-2.21645	-0.55484	-1.62954	-0.68716	-2.28699	-0.66709	-1.86832	-1.95606	-0.4476	-1.06737	-2.41734	-1.99356	-1.03386	-3.50991
0.15315	0.38418	0.60768	-0.54318	-0.68716	-1.00783	-0.66709	0.49166	0.33905	-1.44902	1.42631	0.26408	-0.70361	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	-0.68716	0.27134	0.52286	0.49166	1.48661	0.55382	1.42631	0.26408	-0.70361	-1.03386	0.50721
0.15315	0.38418	-0.55484	-0.54318	-0.68716	0.27134	0.52286	0.49166	1.48661	1.55524	-1.06737	-1.07663	-0.70361	1.64201	-0.83183
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	-0.68833	-0.80851	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
1.41663	0.38418	0.60768	1.62954	0.419	1.5505	1.71281	1.67166	1.48661	-0.4476	0.17947	0.26408	1.87629	1.64201	0.50721
0.15315	0.38418	0.60768	1.62954	0.419	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
1.41663	1.6845	-0.55484	1.62954	1.52517	1.5505	1.71281	1.67166	1.48661	1.55524	1.42631	1.60479	1.87629	1.64201	0.50721
1.41663	0.38418	1.77021	-0.54318	0.419	0.27134	0.52286	0.49166	0.33905	0.55382	-1.06737	0.26408	0.58634	-1.03386	-0.83183
0.15315	-0.91613	0.60768	-0.54318	0.419	0.27134	0.52286	-0.68833	0.33905	-1.44902	-1.06737	-1.07663	-1.99356	-1.03386	0.50721
1.41663	-0.91613	-1.71737	-0.54318	0.419	0.27134	0.52286	0.49166	0.33905	-0.4476	0.17947	0.26408	0.58634	0.30408	-0.83183
0.15315	0.38418	0.60768	-0.54318	0.419	1.5505	0.52286	-0.68833	0.33905	0.55382	0.17947	0.26408	-0.70361	0.30408	-0.83183
1.41663	0.38418	-0.55484	0.54318	1.52517	1.5505	0.52286	0.49166	1.48661	0.55382	1.42631	0.26408	0.58634	1.64201	1.84625
1.41663	0.38418	-0.55484	0.54318	-0.419	0.27134	1.71281	1.67166	1.48661	1.55524	1.42631	0.26408	1.87629	1.64201	-0.83183
0.15315	-0.91613	0.60768	0.54318	0.419	0.27134	0.52286	0.49166	1.48661	0.55382	1.42631	0.26408	-0.70361	-1.03386	1.84625
0.15315	0.38418	0.60768	-0.54318	0.419	0.27134	-0.66709	-0.68833	0.33905	0.55382	-1.06737	0.26408	-0.70361	0.30408	-0.83183
1.41663	1.6845	0.60768	0.54318	0.419	0.27134	-0.66709	0.49166	1.48661	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
-2.37381	-0.91613	-0.55484	-1.62954	-0.68716	0.27134	0.52286	0.49166	0.33905	-1.44902	0.17947	0.26408	0.58634	0.30408	-0.83183
0.15315	0.38418	-0.55484	0.54318	0.419	1.5505	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	1.84625
1.41663	0.38418	0.60768	1.62954	0.419	0.27134	1.71281	0.49166	0.33905	1.55524	0.17947	0.26408	-1.99356	0.30408	0.50721
-1.11033	-0.91613	0.60768	-0.54318	0.419	-1.00783	-0.66709	1.67166	-0.80851	0.55382	-1.06737	0.26408	-1.99356	0.30408	0.50721
0.15315	0.38418	-0.55484	0.54318	0.419	0.27134	0.52286	-0.68833	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	-0.55484	-0.54318	-0.68716	0.27134	-0.66709	-0.68833	-0.80851	-0.4476	0.17947	-1.07663	-1.99356	-1.03386	0.50721
0.15315	0.38418	-0.55484	-0.54318	-0.68716	0.27134	-0.66709	-0.68833	-0.80851	-0.4476	0.17947	-1.07663	-1.99356	-1.03386	0.50721
0.15315	-0.91613	-0.55484	-0.54318	0.419	0.27134	0.52286	0.49166	-0.80851	0.55382	0.17947	0.26408	-0.70361	-1.03386	0.50721
1.41663	1.6845	1.77021	0.54318	1.52517	1.5505	1.71281	1.67166	1.48661	1.55524	1.42631	1.60479	-0.70361	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	0.49166	0.33905	-0.4476	0.17947	1.60479	0.58634	-1.03386	0.50721

OE41	OE42	OE43	OE44	OE45	OE46	T47	T48	T49	T50	T51	T52	T53	T54	T55
1.41663	1.6845	1.77021	0.54318	1.52517	1.5505	1.71281	1.67166	1.48661	1.55524	1.42631	1.60479	-0.70361	0.30408	0.50721
1.41663	1.6845	1.77021	0.54318	1.52517	1.5505	1.71281	1.67166	1.48661	1.55524	1.42631	-1.07663	-0.70361	0.30408	0.50721
1.41663	1.6845	1.77021	0.54318	1.52517	1.5505	1.71281	1.67166	1.48661	1.55524	1.42631	1.60479	-0.70361	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	1.52517	0.27134	0.52286	0.49166	0.33905	1.55524	0.17947	0.26408	-0.70361	0.30408	0.50721
0.15315	1.6845	1.77021	0.54318	0.419	1.5505	1.71281	1.67166	0.33905	0.55382	0.17947	1.60479	1.87629	1.64201	0.50721
-1.11033	-0.91613	0.60768	1.62954	0.419	1.5505	0.52286	0.49166	-0.80851	0.55382	0.17947	0.26408	0.58634	1.64201	1.84625
0.15315	-0.91613	-0.55484	-0.54318	0.419	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	-0.83183
-1.11033	-0.91613	-0.55484	1.62954	0.419	0.27134	0.52286	0.49166	-0.80851	0.55382	1.42631	1.60479	0.58634	0.30408	-0.83183
-2.37381	-0.91613	-0.55484	-2.7159	-0.68716	-2.28699	-1.85705	-1.86832	-0.80851	-0.4476	-2.31422	-2.41734	-1.99356	-2.37179	-0.83183
0.15315	-0.91613	-0.55484	-0.54318	0.419	-1.00783	-0.66709	0.49166	0.33905	-0.4476	0.17947	0.26408	-0.70361	0.30408	0.50721
-1.11033	0.38418	-0.55484	0.54318	-0.68716	0.27134	-0.66709	0.49166	0.33905	-0.4476	-1.06737	-1.07663	-0.70361	-1.03386	0.50721
1.41663	0.38418	0.60768	0.54318	-0.68716	0.27134	0.52286	0.49166	-0.80851	-0.4476	-1.06737	0.26408	0.58634	0.30408	0.50721
0.15315	-0.91613	0.60768	0.54318	0.419	0.27134	0.52286	0.49166	0.33905	-1.44902	0.17947	0.26408	0.58634	0.30408	0.50721
-2.37381	-0.91613	-1.71737	-0.54318	-0.68716	-1.00783	-0.66709	-0.68833	-0.80851	-0.4476	-1.06737	-1.07663	-0.70361	-1.03386	-0.83183
0.15315	0.38418	-1.71737	-0.54318	0.419	0.27134	-0.66709	-0.68833	-0.80851	-0.4476	0.17947	0.26408	-0.70361	0.30408	-0.83183
1.41663	-0.91613	-0.55484	0.54318	1.52517	1.5505	0.52286	0.49166	1.48661	-1.44902	0.17947	0.26408	0.58634	0.30408	-0.83183
0.15315	-0.91613	0.60768	0.54318	0.419	-1.00783	-0.66709	-0.68833	-0.80851	-0.4476	0.17947	0.26408	0.58634	0.30408	0.50721
1.41663	0.38418	-1.71737	0.54318	-2.8995	0.27134	-0.66709	0.49166	0.33905	-1.44902	0.17947	0.26408	-0.70361	-1.03386	-3.50991
-1.11033	0.38418	-1.71737	-0.54318	0.419	-1.00783	-0.66709	-0.68833	-0.80851	0.55382	0.17947	0.26408	0.58634	-1.03386	0.50721
0.15315	-0.91613	0.60768	-0.54318	-0.68716	0.27134	-0.66709	-0.68833	-0.80851	-0.4476	0.17947	-1.07663	-0.70361	-1.03386	0.50721
-1.11033	0.38418	0.60768	-0.54318	0.419	-1.00783	-0.66709	0.49166	-0.80851	0.55382	-1.06737	-1.07663	0.58634	-1.03386	-0.83183
1.41663	1.6845	-1.71737	1.62954	1.52517	0.27134	-0.66709	-0.68833	-0.80851	-1.44902	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	-0.54318	-0.68716	0.27134	0.52286	-0.68833	0.33905	1.55524	0.17947	0.26408	0.58634	0.30408	-0.83183
-1.11033	-0.91613	-0.55484	-1.62954	-0.68716	-1.00783	-0.66709	-0.68833	0.33905	-1.44902	0.17947	0.26408	0.58634	1.64201	0.50721
0.15315	0.38418	-1.71737	-1.62954	-0.68716	-2.28699	-0.66709	0.49166	-0.80851	-0.4476	0.17947	0.26408	-0.70361	-1.03386	-0.83183
0.15315	-0.91613	-1.71737	-1.62954	-1.79333	-2.28699	-1.85705	-0.68833	-1.95606	-1.44902	-1.06737	-1.07663	0.58634	-1.03386	-0.83183
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	-0.68833	-0.80851	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	-0.55484	-0.54318	-0.68716	0.27134	0.52286	0.49166	1.48661	1.55524	-1.06737	-1.07663	-0.70361	1.64201	-0.83183

OE41	OE42	OE43	OE44	OE45	OE46	T47	T48	T49	T50	T51	T52	T53	T54	T55
0.15315	0.38418	0.60768	0.54318	-0.68716	0.27134	0.52286	0.49166	1.48661	0.55382	1.42631	0.26408	-0.70361	-1.03386	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	-0.68833	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
-1.11033	-0.91613	0.60768	0.54318	0.419	0.27134	-0.66709	-0.68833	0.33905	-0.4476	0.17947	-1.07663	-0.70361	0.30408	0.50721
-1.11033	-2.21645	-1.71737	0.54318	-1.79333	-2.28699	-0.66709	-0.68833	-0.80851	-1.44902	-1.06737	-2.41734	-0.70361	-2.37179	-0.83183
1.41663	0.38418	-0.55484	0.54318	0.419	-1.00783	-0.66709	-0.68833	0.33905	0.55382	0.17947	-1.07663	-0.70361	-1.03386	-0.83183
-1.11033	-0.91613	-0.55484	-0.54318	-0.68716	0.27134	-0.66709	-0.68833	-0.80851	-0.4476	0.17947	0.26408	0.58634	0.30408	-0.83183
0.15315	0.38418	0.60768	0.54318	0.419	-1.00783	0.52286	0.49166	-0.80851	-0.4476	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	-1.85705	-0.68833	-0.80851	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
-1.11033	0.38418	0.60768	-0.54318	-0.68716	0.27134	0.52286	-0.68833	-0.80851	0.55382	-1.06737	-1.07663	-0.70361	-1.03386	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	-1.00783	0.52286	0.49166	-0.80851	0.55382	0.17947	-1.07663	-0.70361	-1.03386	0.50721
0.15315	0.38418	-0.55484	-0.54318	-0.68716	-1.00783	0.52286	-0.68833	-0.80851	-1.44902	-2.31422	-1.07663	0.58634	-1.03386	-0.83183
0.15315	0.38418	-0.55484	-1.62954	-1.79333	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	-0.83183
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	-0.68833	1.48661	0.55382	1.42631	1.60479	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	0.49166	1.48661	0.55382	0.17947	0.26408	0.58634	1.64201	1.84625
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	-1.85705	0.49166	0.33905	-0.4476	-1.06737	0.26408	-0.70361	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	-0.419	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
-1.11033	-2.21645	-0.55484	-1.62954	0.419	-1.00783	-1.85705	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	-0.55484	-1.62954	0.419	0.27134	0.52286	0.49166	0.33905	-0.4476	0.17947	0.26408	0.58634	0.30408	-0.83183
-1.11033	-2.21645	0.60768	-0.54318	-0.68716	0.27134	-1.85705	-1.86832	-3.10362	-1.44902	-2.31422	-2.41734	-0.70361	-1.03386	0.50721
-1.11033	-0.91613	-0.55484	-0.54318	-0.68716	-2.28699	-1.85705	-3.04831	-1.95606	-2.45044	-2.31422	-1.07663	-1.99356	-1.03386	-2.17087
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	-0.55484	-0.54318	-0.68716	0.27134	0.52286	0.49166	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
-1.11033	-0.91613	-2.87989	-2.7159	-2.8995	-1.00783	-0.66709	-1.86832	-1.95606	-1.44902	-1.06737	-1.07663	-0.70361	-1.03386	-0.83183
0.15315	0.38418	0.60768	0.54318	0.419	0.27134	0.52286	-0.68833	-0.80851	-0.4476	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	0.54318	0.419	1.5505	1.71281	1.67166	0.33905	0.55382	1.42631	1.60479	0.58634	1.64201	0.50721
0.15315	1.6845	0.60768	0.54318	-0.68716	1.5505	1.71281	1.67166	-0.80851	-0.4476	0.17947	0.26408	0.58634	0.30408	0.50721
-1.11033	-0.91613	-0.55484	0.54318	0.419	0.27134	0.52286	-0.68833	-0.80851	0.55382	-1.06737	-1.07663	-0.70361	-1.03386	0.50721
0.15315	-0.91613	-0.55484	0.54318	0.419	0.27134	-0.66709	0.49166	0.33905	0.55382	-1.06737	-1.07663	0.58634	0.30408	0.50721
0.15315	-0.91613	-0.55484	-2.7159	-0.68716	-1.00783	-0.66709	-1.86832	-0.80851	-0.4476	-2.31422	-2.41734	-1.99356	-2.37179	-0.83183

OE41	OE42	OE43	OE44	OE45	OE46	T47	T48	T49	T50	T51	T52	T53	T54	T55
-1.11033	-0.91613	0.60768	1.62954	1.52517	0.27134	0.52286	0.49166	0.33905	-0.4476	-1.06737	1.60479	1.87629	1.64201	-0.83183
-1.11033	-0.91613	0.60768	0.54318	0.419	-1.00783	-0.66709	-0.68833	0.33905	0.55382	0.17947	0.26408	0.58634	0.30408	0.50721
1.41663	0.38418	0.60768	0.54318	1.52517	1.5505	1.71281	0.49166	1.48661	-1.44902	0.17947	0.26408	0.58634	0.30408	-0.83183
1.41663	1.6845	-1.71737	-0.54318	0.419	0.27134	-0.66709	-0.68833	-0.80851	-0.4476	0.17947	0.26408	0.58634	0.30408	-0.83183
-2.37381	-0.91613	-0.55484	-0.54318	-0.68716	-1.00783	-0.66709	-0.68833	-0.80851	-0.4476	-1.06737	-1.07663	-0.70361	-1.03386	-0.83183
-1.11033	-0.91613	0.60768	0.54318	0.419	-1.00783	-0.66709	-0.68833	-0.80851	0.55382	0.17947	0.26408	0.58634	-1.03386	0.50721
0.15315	0.38418	0.60768	0.54318	-0.68716	-1.00783	-0.66709	-0.68833	-0.80851	-0.4476	0.17947	-1.07663	-0.70361	-1.03386	0.50721
0.15315	-0.91613	-1.71737	-1.62954	-1.79333	-2.28699	-1.85705	-1.86832	-1.95606	-1.44902	-1.06737	0.26408	0.58634	0.30408	-0.83183
0.15315	0.38418	-0.55484	-0.54318	-0.68716	-2.28699	-1.85705	0.49166	-0.80851	-0.4476	1.42631	1.60479	-0.70361	-1.03386	-0.83183
-1.11033	-0.91613	-0.55484	-0.54318	-0.68716	-1.00783	-0.66709	0.49166	0.33905	-2.45044	1.42631	1.60479	1.87629	1.64201	0.50721
0.15315	0.38418	-1.71737	0.54318	0.419	0.27134	0.52286	-0.68833	-0.80851	-1.44902	0.17947	0.26408	0.58634	0.30408	0.50721
0.15315	0.38418	0.60768	-0.54318	-0.68716	0.27134	0.52286	0.49166	0.33905	1.55524	0.17947	0.26408	0.58634	-1.03386	-0.83183



KTS56	KTS57	KTS58	KTS60	KTS61	KTS62	KTS64	KTS65	KTS66	KTS67	KTS68	KTS69	KTS70
S-1.6224	-2.18311	-2.45044	-2.34028	-2.28075	-0.87192	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	-1.5929	-1.08122
-0.43264	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	-0.63106	0.58441	0.67206	0.70792	0.89542	0.38293
-1.6224	-2.18311	-2.45044	-2.34028	-2.28075	-2.3288	-1.74313	-1.95327	-2.03058	-1.93713	-1.78397	-1.5929	-1.08122
-0.43264	-0.86726	-0.99996	-0.955	-0.88048	-0.87192	-0.52571	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
-0.43264	-0.86726	-0.99996	-0.955	-0.88048	0.58496	-1.74313	-1.95327	-0.72308	-1.93713	-0.53802	-0.34874	0.38293
-1.6224	-2.18311	-2.45044	-2.34028	-2.28075	-2.3288	-1.74313	-1.95327	-2.03058	-1.93713	-1.78397	-1.5929	0.38293
1.94687	1.76443	1.90101	1.81555	1.92007	2.04184	1.90915	2.01337	1.8919	-1.93713	-0.53802	-0.34874	-1.08122
1.94687	1.76443	1.90101	1.81555	1.92007	0.58496	1.90915	0.69116	0.58441	0.67206	0.70792	0.89542	0
-0.43264	0.44858	-0.99996	-2.34028	0.5198	-0.87192	-1.74313	-0.63106	-0.72308	1.97666	0.70792	-0.34874	-1.08122
0.75712	0.44858	0.45053	0.43027	1.92007	0.58496	-0.52571	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	2.01337	0.58441	0.67206	1.95387	0.89542	-1.08122
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	-0.52571	-0.63106	0.58441	-0.63253	0.70792	0.89542	0.38293
0.75712	0.44858	0.45053	-0.955	-0.88048	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	-1.5929	-1.08122
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
-0.43264	-0.86726	-0.99996	0.43027	-0.88048	0.58496	-0.52571	-0.63106	-0.72308	0.67206	-0.53802	-0.34874	-1.08122
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	-0.52571	0.69116	1.8919	1.97666	1.95387	0.89542	-1.08122
-0.43264	0.44858	1.90101	1.81555	-0.88048	0.58496	-0.52571	0.69116	0.58441	1.97666	1.95387	0.89542	0
-1.6224	-2.18311	-0.99996	-0.955	-0.88048	-0.87192	-1.74313	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	-1.08122
-0.43264	-0.86726	-0.99996	0.43027	0.5198	-0.87192	-0.52571	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
-0.43264	-0.86726	0.45053	-0.955	-0.88048	-0.87192	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	1.84709
-0.43264	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	-0.63253	-0.53802	-0.34874	-1.08122
-0.43264	1.76443	1.90101	1.81555	1.92007	2.04184	1.90915	0.69116	1.8919	1.97666	-0.53802	2.13958	-1.08122

KTS56	KTS57	KTS58	KTS60	KTS61	KTS62	KTS64	KTS65	KTS66	KTS67	KTS68	KTS69	KTS70
-0.43264	-0.86726	-0.99996	-0.955	-0.88048	-0.87192	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	1.84709
-0.43264	-0.86726	0.45053	-0.955	-0.88048	-0.87192	-0.52571	-0.63106	0.58441	0.67206	-0.53802	-0.34874	1.84709
-1.6224	-0.86726	-0.99996	-2.34028	0.5198	-2.3288	-1.74313	-0.63106	-0.72308	0.67206	-0.53802	-1.5929	0.38293
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	1.84709
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	-1.74313	0.69116	0.58441	-0.63253	0.70792	0.89542	0.38293
-2.81215	-0.86726	-2.45044	-0.955	-2.28075	-0.87192	-0.52571	-1.95327	-0.72308	-1.93713	-0.53802	-0.34874	-1.08122
0.75712	0.44858	1.90101	1.81555	0.5198	0.58496	0.69172	0.69116	0.58441	1.97666	0.70792	0.89542	-1.08122
0.75712	0.44858	0.45053	0.43027	-0.88048	-0.87192	-0.52571	-0.63106	-0.72308	0.67206	-0.53802	0.89542	0.38293
0.75712	1.76443	0.45053	1.81555	0.5198	0.58496	-0.52571	0.69116	0.58441	-0.63253	-0.53802	-0.34874	1.84709
-0.43264	0.44858	0.45053	0.43027	0.5198	-0.87192	-0.52571	-0.63106	-0.72308	-1.93713	-3.02992	-2.83706	0.38293
0.75712	-0.86726	0.45053	0.43027	0.5198	0.58496	0.69172	-0.63106	0.58441	0.67206	0.70792	-0.34874	1.84709
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
-0.43264	-0.86726	0.45053	0.43027	0.5198	0.58496	-0.52571	-1.95327	0.58441	-0.63253	-0.53802	-0.34874	-1.08122
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
-0.43264	0.44858	-0.99996	-0.955	0.5198	0.58496	0.69172	-1.95327	0.58441	0.67206	0.70792	-0.34874	-1.08122
-1.6224	0.44858	0.45053	0.43027	0.5198	2.04184	1.90915	-1.95327	1.8919	-0.63253	-0.53802	2.13958	-1.08122
-0.43264	0.44858	-0.99996	-0.955	-0.88048	-0.87192	-0.52571	-0.63106	0.58441	-0.63253	-0.53802	-0.34874	0.38293
-0.43264	0.44858	0.45053	0.43027	-0.88048	0.58496	-1.74313	-0.63106	-0.72308	-1.93713	-0.53802	-0.34874	1.84709
-0.43264	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	-0.63106	0.58441	0.67206	1.95387	-0.34874	-1.08122
1.94687	1.76443	1.90101	1.81555	1.92007	2.04184	1.90915	-0.63106	0.58441	-0.63253	-0.53802	-0.34874	-1.08122
0.75712	-0.86726	0.45053	0.43027	0.5198	0.58496	1.90915	0.69116	1.8919	0.67206	1.95387	0.89542	0.38293
1.94687	1.76443	1.90101	1.81555	1.92007	0.58496	0.69172	0.69116	0.58441	-0.63253	-0.53802	-0.34874	0.38293



KTS56	KTS57	KTS58	KTS60	KTS61	KTS62	KTS64	KTS65	KTS66	KTS67	KTS68	KTS69	KTS70
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	0.38293
-0.43264	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	-1.95327	-0.72308	-1.93713	0.70792	0.89542	0.38293
0.75712	1.76443	1.90101	1.81555	1.92007	0.58496	0.69172	-0.63106	0.58441	0.67206	0.70792	-0.34874	-1.08122
-0.43264	0.44858	0.45053	0.43027	-0.88048	0.58496	-0.52571	2.01337	0.58441	0.67206	0.70792	0.89542	-1.08122
-0.43264	0.44858	0.45053	-0.955	1.92007	2.04184	-1.74313	0.69116	-2.03058	0.67206	-0.53802	2.13958	-1.08122
-0.43264	0.44858	0.45053	0.43027	-0.88048	0.58496	0.69172	-0.63106	0.58441	0.67206	0.70792	-0.34874	0.38293
-0.43264	-0.86726	-0.99996	0.43027	0.5198	-0.87192	0.69172	-0.63106	-0.72308	-0.63253	-0.53802	0.89542	0.38293
-0.43264	-0.86726	0.45053	0.43027	0.5198	-0.87192	0.69172	-0.63106	-0.72308	-0.63253	-0.53802	0.89542	1.84709
-0.43264	-0.86726	-0.99996	-0.955	-0.88048	-0.87192	0.69172	0.69116	0.58441	-0.63253	-0.53802	-0.34874	0.38293
0.75712	1.76443	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	1.84709
0.75712	0.44858	0.45053	-0.955	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	-0.34874	0.38293
0.75712	1.76443	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
1.94687	1.76443	1.90101	0.43027	0.5198	2.04184	0.69172	0.69116	0.58441	0.67206	1.95387	0.89542	-1.08122
0.75712	1.76443	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
0.75712	1.76443	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122
0.75712	0.44858	0.45053	0.43027	0.5198	-0.87192	0.69172	0.69116	0.58441	0.67206	0.70792	-0.34874	0.38293
1.94687	0.44858	0.45053	1.81555	0.5198	0.58496	1.90915	0.69116	0.58441	0.67206	1.95387	2.13958	0.38293
1.94687	1.76443	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	1.8919	1.97666	1.95387	0.89542	-1.08122
-0.43264	0.44858	0.45053	-0.955	-0.88048	0.58496	-0.52571	0.69116	0.58441	-0.63253	-0.53802	-0.34874	-1.08122
-0.43264	0.44858	1.90101	1.81555	0.5198	0.58496	0.69172	2.01337	-0.72308	-0.63253	-0.53802	-0.34874	-1.08122
-0.43264	-0.86726	-0.99996	-0.955	-0.88048	-0.87192	-0.52571	-0.63106	-2.03058	-1.93713	-1.78397	-0.34874	0.38293
0.75712	-0.86726	0.45053	0.43027	-0.88048	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	0.38293

KTS56	KTS57	KTS58	KTS60	KTS61	KTS62	KTS64	KTS65	KTS66	KTS67	KTS68	KTS69	KTS70
-0.43264	0.44858	-0.99996	0.43027	0.5198	-0.87192	0.69172	-0.63106	0.58441	0.67206	-0.53802	-0.34874	0.38293
0.75712	1.76443	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	-0.72308	0.67206	-0.53802	-0.34874	1.84709
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	-0.63106	0.58441	-0.63253	0.70792	-0.34874	-1.08122
-1.6224	-0.86726	-0.99996	-0.955	0.5198	-0.87192	-0.52571	-0.63106	-2.03058	-0.63253	-1.78397	-1.5929	0.38293
-0.43264	-0.86726	-0.99996	-0.955	0.5198	-0.87192	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	0.38293
-0.43264	-0.86726	-0.99996	-0.955	0.5198	0.58496	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	0.89542	0.38293
0.75712	0.44858	0.45053	-0.955	-0.88048	-0.87192	-0.52571	0.69116	0.58441	0.67206	0.70792	0.89542	0.38293
-2.81215	-0.86726	0.45053	-0.955	0.5198	-2.3288	-2.96056	-1.95327	-3.33807	-1.93713	-1.78397	-2.83706	0.38293
0.75712	0.44858	-0.99996	-0.955	0.5198	-0.87192	0.69172	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	0.38293
-0.43264	0.44858	0.45053	0.43027	-0.88048	0.58496	0.69172	-0.63106	-0.72308	0.67206	0.70792	-0.34874	0.38293
0.75712	-0.86726	-0.99996	-0.955	0.5198	0.58496	0.69172	-1.95327	-0.72308	-0.63253	-1.78397	0.89542	0.38293
0.75712	0.44858	-0.99996	0.43027	-0.88048	0.58496	1.90915	2.01337	0.58441	0.67206	1.95387	2.13958	0.38293
-0.43264	-0.86726	-0.99996	-0.955	-0.88048	0.58496	-0.52571	-0.63106	-0.72308	0.67206	0.70792	0.89542	-1.08122
-1.6224	-0.86726	0.45053	0.43027	-0.88048	-0.87192	-0.52571	0.69116	0.58441	0.67206	0.70792	0.89542	0.38293
-0.43264	-0.86726	-2.45044	-0.955	-2.28075	-2.3288	-1.74313	-0.63106	-2.03058	-0.63253	-0.53802	-1.5929	0.38293
-1.6224	-0.86726	-0.99996	0.43027	-2.28075	-0.87192	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	0.38293
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	0.38293
0.75712	-0.86726	0.45053	0.43027	0.5198	0.58496	0.69172	-0.63106	0.58441	0.67206	0.70792	-0.34874	1.84709
-0.43264	0.44858	0.45053	0.43027	0.5198	-0.87192	-0.52571	-0.63106	-0.72308	-1.93713	-3.02992	-2.83706	0.38293
0.75712	1.76443	0.45053	1.81555	0.5198	0.58496	-0.52571	0.69116	0.58441	-0.63253	-0.53802	-0.34874	1.84709
0.75712	0.44858	0.45053	0.43027	-0.88048	-0.87192	-0.52571	-0.63106	-0.72308	0.67206	-0.53802	0.89542	0.38293
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	-1.74313	0.69116	0.58441	-0.63253	0.70792	0.89542	0.38293
0.75712	-0.86726	-0.99996	0.43027	0.5198	0.58496	-0.52571	-0.63106	0.58441	0.67206	-0.53802	-0.34874	1.84709

KTS56	KTS57	KTS58	KTS60	KTS61	KTS62	KTS64	KTS65	KTS66	KTS67	KTS68	KTS69	KTS70
-0.43264	-0.86726	0.45053	-0.955	-0.88048	-0.87192	-0.52571	0.69116	0.58441	0.67206	-0.53802	-0.34874	1.84709
-0.43264	-0.86726	-0.99996	-0.955	-0.88048	-0.87192	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	1.84709
0.75712	0.44858	0.45053	0.43027	-0.88048	0.58496	0.69172	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	1.84709
-1.6224	-0.86726	-0.99996	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	-0.63253	-0.53802	-0.34874	-1.08122
-0.43264	-0.86726	-0.99996	0.43027	0.5198	-0.87192	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	1.84709
0.75712	0.44858	-0.99996	-0.955	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	-0.53802	-0.34874	-1.08122
-0.43264	-0.86726	0.45053	0.43027	0.5198	-0.87192	0.69172	0.69116	0.58441	0.67206	-0.53802	-0.34874	0.38293
-1.6224	-2.18311	-0.99996	-0.955	-0.88048	-0.87192	-1.74313	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	-1.08122
-0.43264	0.44858	0.45053	0.43027	-0.88048	0.58496	-0.52571	0.69116	0.58441	1.97666	1.95387	-0.34874	-1.08122
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	-0.52571	2.01337	1.8919	0.67206	0.70792	0.89542	0.38293
-0.43264	-0.86726	-0.99996	0.43027	-0.88048	0.58496	-0.52571	-0.63106	-0.72308	0.67206	-0.53802	-0.34874	-1.08122
0.75712	-0.86726	-0.99996	-0.955	-0.88048	0.58496	0.69172	0.69116	0.58441	-0.63253	-0.53802	-0.34874	-1.08122
0.75712	0.44858	0.45053	-0.955	-0.88048	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	-1.5929	0.38293
-0.43264	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	-0.63106	0.58441	0.67206	0.70792	0.89542	0.38293
-0.43264	-0.86726	-0.99996	-0.955	-0.88048	0.58496	-1.74313	-1.95327	-0.72308	-1.93713	-0.53802	-0.34874	0.38293
-1.6224	-2.18311	-2.45044	-2.34028	-2.28075	-2.3288	-1.74313	-1.95327	-2.03058	-1.93713	-1.78397	-1.5929	0.38293
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	0.58441	-0.63253	-0.53802	-0.34874	-1.08122
0.75712	0.44858	1.90101	1.81555	1.92007	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	0.38293
-0.43264	1.76443	-0.99996	0.43027	0.5198	-0.87192	-0.52571	-0.63106	-0.72308	0.67206	0.70792	-0.34874	-1.08122
0.75712	0.44858	0.45053	-0.955	-0.88048	-0.87192	0.69172	0.69116	0.58441	-0.63253	-0.53802	-0.34874	0.38293
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	2.01337	0.58441	-0.63253	0.70792	-0.34874	-1.08122
0.75712	0.44858	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	-0.72308	-0.63253	-0.53802	-0.34874	0.38293
0.75712	0.44858	-0.99996	0.43027	0.5198	-0.87192	0.69172	0.69116	-0.72308	0.67206	0.70792	-0.34874	0.38293

KTS56	KTS57	KTS58	KTS60	KTS61	KTS62	KTS64	KTS65	KTS66	KTS67	KTS68	KTS69	KTS70
-0.43264	-0.86726	0.45053	-0.955	-0.88048	-0.87192	-0.52571	-0.63106	-2.03058	-1.93713	-1.78397	-0.34874	-1.08122
-0.43264	-0.86726	0.45053	0.43027	0.5198	0.58496	0.69172	2.01337	-0.72308	-0.63253	-0.53802	-0.34874	-1.08122
-2.81215	-2.18311	0.45053	-0.955	0.5198	-2.3288	-1.74313	-1.95327	-3.33807	-1.93713	-1.78397	-2.83706	0.38293
0.75712	0.44858	0.45053	-0.955	-0.88048	-0.87192	-0.52571	0.69116	0.58441	0.67206	0.70792	0.89542	0.38293
-0.43264	0.44858	-0.99996	-0.955	0.5198	0.58496	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	0.89542	-1.08122
-0.43264	-0.86726	-0.99996	-0.955	0.5198	-0.87192	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	0.38293
-1.6224	-0.86726	0.45053	0.43027	0.5198	0.58496	0.69172	0.69116	-2.03058	-0.63253	-1.78397	-1.5929	-1.08122
0.75712	-0.86726	-0.99996	0.43027	0.5198	-0.87192	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	0.38293
0.75712	0.44858	0.45053	0.43027	-0.88048	-0.87192	-0.52571	-0.63106	0.58441	0.67206	-0.53802	-0.34874	0.38293
-0.43264	-0.86726	0.45053	0.43027	-2.28075	-0.87192	-0.52571	-0.63106	-0.72308	-0.63253	-0.53802	-0.34874	0.38293
-0.43264	-0.86726	-0.99996	-0.955	-2.28075	-2.3288	-1.74313	-0.63106	-0.72308	-0.63253	-0.53802	-1.5929	0.38293
-1.6224	-0.86726	0.45053	0.43027	-0.88048	-0.87192	-0.52571	0.69116	0.58441	0.67206	0.70792	-0.34874	0.38293
0.75712	0.44858	-0.99996	-0.955	0.5198	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	-0.34874	0.38293
-0.43264	-0.86726	-0.99996	-0.955	-0.88048	0.58496	0.69172	0.69116	0.58441	0.67206	0.70792	0.89542	-1.08122

**APPENDIX E**  
**CHI-SQUARE DISTRIBUTION TABLE**

**APPENDIX F**  
**PLS OUTPUT FOR OVERALL MEASUREMENT MODEL**

*Quality criteria overview*

	AVE	Composite Reliability	R Square	Cronbachs Alpha	Communality	Redundancy
CULT	0.543175	0.876935		0.831801	0.543175	
HRP	0.644626	0.878455		0.816037	0.644626	
IT	0.753503	0.938434		0.917671	0.753503	
KTS	0.611108	0.940007	0.664183	0.92879	0.611108	0.219926
LS	0.625291	0.892502		0.850171	0.625291	
NET	0.5982	0.881515		0.832036	0.5982	
OS	0.82659	0.905062		0.790288	0.82659	
REW	0.786691	0.936021		0.906375	0.786691	
T	0.617986	0.918689	0.599668	0.896422	0.617986	0.019728
TM	0.764495	0.906804		0.847448	0.764495	

*Latent variable correlations*

	CULT	HRP	IT	KTS	LS	NET	OS	REW	T	TM
CULT	1									
HRP	0.686388	1								
IT	0.613582	0.671641	1							
KTS	0.728017	0.636681	0.646535	1						
LS	0.523803	0.752589	0.572467	0.500482	1					
NET	0.710329	0.689101	0.671579	0.683035	0.566509	1				
OS	0.192831	0.147481	0.165624	0.257000	0.083527	0.204774	1			
REW	0.375017	0.423354	0.293135	0.380631	0.428200	0.447723	0.309695	1		
T	0.606100	0.635301	0.602576	0.675400	0.479330	0.748165	0.194844	0.368455	1	
TMS	0.515486	0.477518	0.243930	0.461385	0.333304	0.438032	-0.03088	0.038461	0.388825	1

**APPENDIX G**  
**PLS OUTPUT FOR OVERALL STRUCTURAL MODEL**

	<b>Original Sample (O)</b>	<b>Sample Mean (M)</b>	<b>Standard Deviation (STDEV)</b>	<b>Standard Error (STERR)</b>	<b>T Statistics (O/STERR)</b>
CULT -> KTS	0.318414	0.317134	0.105798	0.106798	3.002658
CULT -> T	0.02796	0.042597	0.087524	0.086524	0.31203
HRP -> KTS	-0.018023	-0.016352	0.098748	0.097748	0.186519
HRP -> T	0.192206	0.172041	0.1355	0.1345	1.438497
IT -> KTS	0.236886	0.231189	0.090781	0.089781	2.652413
IT -> T	0.133071	0.134013	0.104419	0.104419	1.274389
LS -> KTS	0.002926	0.009274	0.10682	0.10482	0.018034
LS -> T	-0.077673	-0.067204	0.092626	0.093626	0.821772
NET -> KTS	0.018484	0.014979	0.119255	0.118255	0.156996
NET -> T	0.505471	0.506522	0.097042	0.100042	5.080771
OS -> KTS	0.09237	0.088211	0.065532	0.067532	1.37455
OS -> T	0.034975	0.035334	0.061896	0.062896	0.549911
REW -> KTS	0.069411	0.075973	0.071117	0.072117	0.963008
REW -> T	0.032863	0.029436	0.067432	0.069432	0.46451
T -> KTS	0.235825	0.232399	0.099035	0.097035	2.420217
TM -> KTS	0.148063	0.150569	0.078139	0.079139	1.879858
TM -> T	0.055652	0.053344	0.076271	0.077271	0.710548

	<b>Original Sample (O)</b>	<b>Sample Mean (M)</b>	<b>Standard Deviation (STDEV)</b>	<b>Standard Error (STERR)</b>	<b>T Statistics (O/STERR)</b>
CULT26 <- CULT	0.188215	0.189004	0.023055	0.023055	8.163779
CULT27 <- CULT	0.239184	0.238854	0.018562	0.018562	12.885995
CULT28 <- CULT	0.219796	0.219127	0.023061	0.023061	9.530973
CULT29 <- CULT	0.223233	0.222228	0.022326	0.022326	9.998783
CULT30 <- CULT	0.236464	0.236093	0.021022	0.021022	11.248262
CULT31 <- CULT	0.247818	0.247395	0.024864	0.024864	9.966862
HRP22 <- HRP	0.284609	0.285013	0.029596	0.029596	9.616381
HRP23 <- HRP	0.369479	0.36951	0.032767	0.032767	11.276083
HRP24 <- HRP	0.260749	0.259426	0.032084	0.032084	8.127097
HRP25 <- HRP	0.326161	0.326437	0.029953	0.029953	10.88921
IT37 <- IT	0.254434	0.255231	0.014522	0.014522	17.520753
IT38 <- IT	0.25622	0.256613	0.015115	0.015115	16.951443
IT39 <- IT	0.219588	0.219241	0.014662	0.014662	14.977198
IT40 <- IT	0.205044	0.205556	0.015973	0.015973	12.836732
IT41 <- IT	0.21361	0.21329	0.011843	0.011843	18.036992
KTS56 <- KTS	0.120391	0.12214	0.008403	0.008403	14.326461
KTS57 <- KTS	0.136233	0.135542	0.008718	0.008718	15.626365
KTS58 <- KTS	0.127931	0.128903	0.00884	0.00884	14.472061
KTS59 <- KTS	0.134618	0.135202	0.007298	0.007298	18.4455
KTS60 <- KTS	0.126659	0.125936	0.009791	0.009791	12.93621
KTS61 <- KTS	0.12393	0.124101	0.007189	0.007189	17.239268
KTS63 <- KTS	0.127562	0.12577	0.009377	0.009377	13.60399
KTS64 <- KTS	0.126357	0.127101	0.00844	0.00844	14.970388
KTS65 <- KTS	0.116787	0.117159	0.0102	0.0102	11.449155
KTS67 <- KTS	0.139495	0.139033	0.010182	0.010182	13.700071
LS15 <- LS	0.200218	0.197748	0.040177	0.040177	4.983405
LS16 <- LS	0.306828	0.311528	0.052891	0.052891	5.801133
LS17 <- LS	0.270886	0.27083	0.032886	0.032886	8.237149
LS18 <- LS	0.2809	0.281606	0.033326	0.033326	8.428973
LS19 <- LS	0.196158	0.192824	0.037879	0.037879	5.178521
NET42 <- NET	0.255255	0.253671	0.019234	0.019234	13.271216
NET43 <- NET	0.262218	0.261145	0.018169	0.018169	14.432317
NET44 <- NET	0.252281	0.253214	0.022322	0.022322	11.302116
NET45 <- NET	0.238286	0.238871	0.023106	0.023106	10.312641
NET46 <- NET	0.283828	0.285052	0.020237	0.020237	14.025185
OS6 <- OS	0.539094	0.534941	0.117137	0.117137	4.602234
OS7 <- OS	0.56073	0.559977	0.114452	0.114452	4.899263
REW33 <- REW	0.266423	0.26572	0.043648	0.043648	6.103954
REW34 <- REW	0.256638	0.255205	0.02708	0.02708	9.476918



---

REW35 <- REW	0.284026	0.282999	0.023098	0.023098	12.29675
REW36 <- REW	0.321741	0.324635	0.039951	0.039951	8.053296
T47 <- T	0.186499	0.1855	0.018994	0.018994	9.818888
T48 <- T	0.170367	0.170817	0.013368	0.013368	12.744006
T49 <- T	0.191801	0.191047	0.011629	0.011629	16.493767
T50 <- T	0.190502	0.190681	0.012445	0.012445	15.307714
T52 <- T	0.187752	0.187445	0.011545	0.011545	16.263267
T53 <- T	0.173479	0.174136	0.013671	0.013671	12.689639
T55 <- T	0.171305	0.171773	0.016609	0.016609	10.313719
TM1 <- TM	0.31629	0.314768	0.050536	0.050536	6.258683
TM2 <- TM	0.377016	0.377589	0.042076	0.042076	8.960443
TM3 <- TM	0.446346	0.444382	0.040812	0.040812	10.93658

---



**APPENDIX H**  
**CALCULATED MEDIATION RESULTS**

**Mediation results for trust**

	a1	a2	a3	a4	a5	a6	a7	a8
	CULT -> T	HRP -> T	IT -> T	LS -> T	NET -> T	OS -> T	REW -> T	TM -> T
Sample 4986	0.081935	0.360775	0.127743	0.017449	0.317281	-0.01248	0.08891	-0.06158
Sample 4987	0.125447	0.107871	0.157911	-0.018000	0.419122	0.107147	0.036851	0.002413
Sample 4988	-0.02771	0.31062	0.144752	-0.07094	0.614203	0.053538	-0.07195	-0.10196
Sample 4989	0.010778	0.350671	0.083291	-0.01896	0.419683	0.151763	0.001407	-0.07103
Sample 4990	0.018382	0.083947	-0.04801	-0.10506	0.653177	0.037572	0.006499	0.128722
Sample 4991	0.115303	0.085511	0.193598	-0.01474	0.483038	-0.04286	0.030831	-0.01999
Sample 4992	0.178399	0.020426	0.298952	-0.16331	0.526858	0.034732	0.000915	-0.03797
Sample 4993	-0.03302	0.1345	0.346389	-0.17429	0.504988	0.074	-0.01919	0.076653
Sample 4994	-0.02904	0.276692	0.072439	0.048981	0.350858	0.054492	0.089381	0.077153
Sample 4995	0.073741	0.266936	0.208971	-0.16241	0.425719	-0.03584	0.06279	0.100217
Sample 4996	0.104159	0.223541	0.106608	-0.03965	0.515207	0.072606	0.034336	0.026044
Sample 4997	0.052092	0.281574	0.087908	-0.12129	0.49812	0.064242	0.102326	-0.0215
Sample 4998	-0.15084	0.11301	0.153085	-0.04299	0.708972	0.087382	-0.03754	0.128909
Sample 4999	0.151976	0.340276	-0.05932	0.045997	0.354498	-0.05593	0.071961	-0.03355

b	a1*b	a2*b	a3*b	a4*b	a5*b	a6*b	a7*b	a8*b
T->KTS	CULT=T=KTS	HRP=T=KTS	IT=T=KTS	LS=T=KTS	NET=T=KTS	OS=T=KTS	REW=T=KTS	TM=T=KTS
0.393389	0.032232328	0.14192492	0.050253	0.00686	0.12481486	-0.00491107	0.03497622	-0.02422411
0.337157	0.042295334	0.03636946	0.053241	-0.00607	0.14130992	0.03612536	0.01242457	0.00081356
0.206857	-0.00573221	0.06425392	0.029943	-0.01468	0.12705219	0.01107471	-0.01488315	-0.02109093
0.193181	0.002082105	0.06774297	0.01609	-0.00366	0.08107478	0.02931773	0.00027181	-0.01372107
0.277849	0.00510742	0.02332459	-0.01334	-0.02919	0.18148458	0.01043934	0.00180574	0.03576528
0.094235	0.010865578	0.00805813	0.018244	-0.00139	0.04551909	-0.00403872	0.00290536	-0.00188395
0.198331	0.035382052	0.00405111	0.059291	-0.03239	0.10449227	0.00688843	0.00018147	-0.00752983
0.278775	-0.00920376	0.03749524	0.096565	-0.04859	0.14077803	0.02062935	-0.00535081	0.02136894
0.378347	-0.01098682	0.10468559	0.027407	0.01853	0.13274607	0.02061688	0.03381703	0.02919061
0.133755	0.009863227	0.03570402	0.027951	-0.02172	0.05694204	-0.00479338	0.00839848	0.01340452
0.198478	0.02067327	0.04436797	0.021159	-0.00787	0.10225725	0.01441069	0.00681494	0.00516916
0.212386	0.011063612	0.05980238	0.01867	-0.02576	0.10579371	0.0136441	0.02173261	-0.0045663
0.185893	-0.02803936	0.02100777	0.028457	-0.00799	0.13179293	0.0162437	-0.00697787	0.02396328
0.242683	0.036881992	0.0825792	-0.01439	0.01116	0.08603064	-0.01357253	0.01746371	-0.00814129
AVERAGE	0.010508478	0.03988156	0.030935	-0.01433	0.11949347	0.00918684	0.00668209	0.01086928
STD ERR	0.023227503	0.03835657	0.028968	0.02376	0.05744524	0.01672686	0.01777539	0.01996656
T-Value	0.452415323	1.03975833	1.067881	-0.60325	2.08012813	0.54922669	0.37591805	0.54437408

**APPENDIX L**  
**APPENDIX F LIST OF PUBLICATIONS**

Houcine Meddour, Abdul Majid. A. H., & Yusoff Rushami Z. (2016). The impact of information technology and networks on knowledge transfer and sharing: The mediating role of trust. *World Journal of Management and Behavioral Studies*, 4(1), 31-40. DOI: 10.5829/idosi.wjmbs.2016.4.1.1326.

Meddour Houcine, Abdul Majid. A. H., & Yusoff Rushami Z. (2015). *Organizational Capacity, Organizational Motivation, External Environment and Knowledge Transfer and Sharing: A Conceptual Framework*. Paper presented at the 3rd International Conference on Business Strategy and Social Sciences, (3-4 October), Langkawi Lagoon Resort, Malaysia.

Meddour Houcine, Abdul Majid. A. H., & Yusoff Rushami Z. (2015). Organizational capacity, organizational motivation, external environment and knowledge transfer and sharing: a conceptual framework. *International journal of economic perspectives* (3rd ICBSSS-746/Scopus impact factor: 0.12).

Meddour Houcine, Abdul Majid. A. H., & Yusoff Rushami Z. (2015). Organizational capacity, organizational motivation, external environment and knowledge transfer and sharing: a conceptual framework. *Handbook on Business Strategy and Social Sciences*, 3, 2015.