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RELATIONSHIP BETWEEN ASPECTS OF HUMAN RESOURCE MANAGEMENT PRACTICES AND ORGANIZATIONAL PERFORMANCE: MEDIATING ROLE OF ETHICAL CLIMATE

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DOCTOR OF PHILOSOPHY
UNIVERSITI UTARA MALAYSIA
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RELATIONSHIP BETWEEN ASPECTS OF HUMAN RESOURCE
MANAGEMENT PRACTICES AND ORGANIZATIONAL PERFORMANCE:
MEDIATING ROLE OF ETHICAL CLIMATE

By

MALAM SALIHU SABIU
(900159)

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

The study investigated the mediating role of ethical climate (EC) on the relationship between five (5) dimensions of HRM practices; recruitment and selection (RS), training and development (TD), compensation practice (COMP), performance appraisal (PA), promotion opportunity (PRO), and organizational performance (OP) in the Nigerian public educational sector administration (PESA). The resource-based view (RBV) and the organizational culture theory (OCT) were used to underpin the study framework. The study was a cross-sectional survey, employing the stratified sampling technique using 181 usable questionnaires from the directors of administration who represented the Nigerian PESA. The data analysis was conducted using the Partial Least Square Structural Equation Modeling (PLS-SEM 3.2.6). The study result supports 13 of the 16 hypotheses tested. The findings support 4 out of the 5 direct relationship hypotheses revealing empirical evidence on the significant relationships between RS, TD, PA, PRO and OP. The hypotheses between RS, TD, PA, PRO and the mediating variable EC are also statistically supported, but there is no evidence to support empirically the significant relationships between COMP and OP as well as COMP and EC. On the mediation relationships, the EC, as a hierarchical component model (HCM), mediates the relationships between RS, TD, PA, PRO and OP, but not the relationships between COMP and OP. This study contributes immensely to the current literature on how EC mediates HRM practices and OP relationships particularly in the African context where there are scant similar studies. The study also contributes to the literature on how to test the reflective-formative type of hierarchical component model, which is a very uncommon practice in the available literature. The findings suggest that the management of PESA can improve the HRM system through the proper implementation of effective HRM practices that will nurture EC and lead to OP. Finally, the study’s limitations, conclusion and suggestion for future research direction were discussed.

Keywords: organizational performance, HRM practices, ethical climate, PLS, hierarchical component model
Kajian ini mengkaji peranan iklim etika (EC) sebagai pengantara dalam hubungan antara lima (5) dimensi amalan pengurusan sumber manusia (PSM) iaitu perekrutan dan pemilihan (RS), latihan dan pembangunan (TD), amalan pampasan (COMP), penilaian prestasi (PA), dan peluang kenaikan pangkat (PRO) dengan prestasi organisasi (OP) dalam pentadbiran sektor pendidikan awam (PESA) di Nigeria. Tinjauan berasaskan sumber dan teori budaya organisasi digunakan untuk menyokong kerangka kajian ini. Kajian ini mengaplikasikan teknik tinjauan keratan komunikasi, iaitu dengan menggunakan teknik persampelan berstrata daripada sejumlah 181 borang soal selidik yang dikumpul dari pada pengarah pentadbiran yang mewakili PESA di Nigeria. Analisis data dijalankan dengan menggunakan Partial Least Square Structural Equation Modeling (PLS-SEM 3.2.6). Hasil kajian ini menyokong 13 daripada 16 hipotesis yang diuji. Selain itu, hasil kajian ini juga menyokong 4 daripada 5 hipotesis hubungan langsung yang mendahului bukti empirikal tentang hubungan yang signifikan antara RS, TD, PA, PRO dan OP. Hipotesis antara RS, TD, PA, PRO dengan pemboleh ubah pengantara EC juga disokong secara statistik. Namun, tiada bukti yang ditemui untuk menyokong secara empirikal hubungan antara COMP dengan OP serta COMP dengan EC. Dalam hubungan pengantar, EC sebagai model komponen berhierarki (HCM) didapati menjadi pengantara dalam hubungan antara RS, TD, PA, PRO dan OP, tetapi tidak pada hubungan antara COMP dan OP. Kajian ini turut memberi sumbangan yang besar kepada literatur semasa tentang bagaimana EC menjadi pengantara kepada amalan PSM dan OP, terutamanya dalam konteks Afrika yang mana terdapat sedikit sahaja kajian yang sama. Kajian ini juga menyumbang kepada literatur tentang bagaimana untuk menguji model komponen hierarki jenis reflektif-formatif yang merupakan suatu yang jarang dilakukan dalam literatur yang sedia ada. Hasil kajian mencadangkan agar pengurusan PESA boleh meningkatkan sistem PSM melalui pelaksana amalan PSM yang berkesan secara tepat yang akan memupuk EC dan membawa kepada OP. Akhir sekali, batasan kajian, rumusan dan cadangan untuk kajian pada masa hadapan turut dibincangkan.

Kata Kunci: prestasi organisasi, amalan PSM, iklim etika, PLS, Model Komponen Hierarki
ACKNOWLEDGEMENTS

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# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFICATION OF THESIS WORK</td>
<td>iii</td>
</tr>
<tr>
<td>PERMISSION TO USE</td>
<td>v</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td>vi</td>
</tr>
<tr>
<td>ABSTRAK</td>
<td>vii</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENTS</td>
<td>viii</td>
</tr>
<tr>
<td>TABLE OF CONTENTS</td>
<td>ix</td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td>xiv</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td>xvi</td>
</tr>
<tr>
<td>LIST OF ABBREVIATIONS</td>
<td>xvii</td>
</tr>
<tr>
<td>LIST OF APPENDICES</td>
<td>xx</td>
</tr>
<tr>
<td><strong>CHAPTER ONE: INTRODUCTION</strong></td>
<td>1</td>
</tr>
<tr>
<td>1.1 Background of the study</td>
<td>1</td>
</tr>
<tr>
<td>1.2 Problem Statement</td>
<td>15</td>
</tr>
<tr>
<td>1.3 Research Questions</td>
<td>26</td>
</tr>
<tr>
<td>1.4 Research Objectives</td>
<td>26</td>
</tr>
<tr>
<td>1.5 Scope of the study</td>
<td>27</td>
</tr>
<tr>
<td>1.6 Significance of the Study</td>
<td>28</td>
</tr>
<tr>
<td>1.6.1 Theoretical Contribution</td>
<td>28</td>
</tr>
<tr>
<td>1.6.2 Practical Contribution</td>
<td>30</td>
</tr>
<tr>
<td>1.7 Definition of key terms</td>
<td>30</td>
</tr>
<tr>
<td>1.8 Organization of Thesis</td>
<td>32</td>
</tr>
<tr>
<td><strong>CHAPTER TWO: LITERATURE REVIEW</strong></td>
<td>34</td>
</tr>
<tr>
<td>2.1 Introduction</td>
<td>34</td>
</tr>
<tr>
<td>2.2 Concept of Performance</td>
<td>34</td>
</tr>
<tr>
<td>2.3 Concept of Organizational Performance</td>
<td>35</td>
</tr>
<tr>
<td>2.4 Performance in Public Sector</td>
<td>37</td>
</tr>
<tr>
<td>2.5 Antecedent of Organizational Performance</td>
<td>42</td>
</tr>
<tr>
<td>2.6 Human Resource Management practices</td>
<td>47</td>
</tr>
<tr>
<td>2.6.1 Recruitment and Selection</td>
<td>51</td>
</tr>
<tr>
<td>2.6.2 Training and Development</td>
<td>52</td>
</tr>
<tr>
<td>2.6.3 Compensation Practice</td>
<td>53</td>
</tr>
</tbody>
</table>
2.6.4 Performance Appraisal 54
2.6.5 Promotion Opportunity 55

2.7 Human Resource Management practices and Organizational performance 56
  2.7.1 Recruitment and Selection 70
  2.7.2 Training and Development 73
  2.7.3 Compensation Practice 77
  2.7.4 Performance Appraisal 79
  2.7.5 Promotion Opportunity 81

2.8 The Needs for Mediator 83
  2.8.1 Ethical Climate 88

2.9 Human resource management and Ethical climate 92
  2.9.1 Recruitment and Selection and Ethical Climate 94
  2.9.2 Training and Development and Ethical Climate 95
  2.9.3 Compensation Practice and Ethical Climate 97
  2.9.4 Performance Appraisal and Ethical Climate 98
  2.9.5 Promotion Opportunity and Ethical Climate 99

2.10 Ethical Climate and Organizational performance 100
2.11 The relationship between HRM practices, EC and OP 102
2.12 Under pinning theories 105
  2.12.1 Resource Based View (RBV) 106
    2.12.1.1 Connection of RBV and the present study 108
  2.12.2 Organizational Culture Theory 112

2.13 Research Frame work 114
2.14 Hypotheses Development 118
  2.14.1 HRM Practices and OP 118
    2.14.1.1 Recruitment and Selection and Organisational performance 119
    2.14.1.2 Training and Development and Organizational Performance 120
    2.14.1.3 Compensation Practice and Organizational performance 122
    2.14.1.4 Performance Appraisal and Organizational performance 123
    2.14.1.5 Promotion Opportunity and Organizational Performance 125

2.15 HRM practices and EC 126
  2.15.1 Recruitment and Selection and EC 128
  2.15.2 Training and Development and EC 129
  2.15.3 Compensation Practice and EC 130
  2.15.4 Performance Appraisal and EC 131
  2.15.5 Promotion Opportunity and EC 132

2.16 EC and OP 133
2.17 HRM practices, EC and OP 134
2.18 Summary 135
CHAPTER THREE: RESEARCH METHODOLOGY

3.1 Introduction 137
3.2 Research Paradigm 137
3.3 Research Design 140
3.4 Population and Sampling Design 141
  3.4.1 Population of the Study 141
  3.4.2 Power of Analysis and Sample Size 143
  3.4.3 Respondents 145
  3.4.4 Sampling Technique 146
3.5 Operational Definitions and Measurement of Variables 147
  3.5.1 Organizational Performance 149
  3.5.2 HRM practices 151
    3.5.2.1 Recruitment and Selection 151
    3.5.2.2 Training and Development 153
    3.5.2.3 Compensation Practice 154
    3.5.2.4 Performance Appraisal 155
    3.5.2.5 Promotion Opportunity 157
  3.5.3 Ethical Climate 158
3.6 Validity and Reliability 161
  3.6.1 Validity 162
    3.6.1.1 Content Validity 162
    3.6.1.2 Construct Validity 163
  3.6.2 Reliability 164
3.7 Layout of the Questionnaire 164
3.8 Pilot Study 165
3.9 Data Collection procedures 169
3.10 Techniques of Data Analysis 170
  3.10.1 Descriptive Analysis 170
  3.10.2 Smart PLS SEM 171
    3.10.2.1 Measurement Model 173
    3.10.2.2 Structural Model 174
    3.10.2.3 Mediation Analysis 176
3.11 Summary 179
CHAPTER FOUR: DATA ANALYSIS AND RESULTS

4.1 Introduction 180
4.2 Response Rate 180
4.3 Preliminary Analysis 181
  4.3.1 Data Coding and Screening 181
  4.3.2 Missing Value Analysis 183
  4.3.2 Assessment of Outliers 184
  4.3.3 Normality Test 185
  4.3.4 Multicollinearity Test 187
4.4 Non-Response Bias 189
4.5 Common Method Bias 192
4.6 Demographic Profile of Respondents 196
4.7 Descriptive Statistics of Study Variables 198
4.8 Assessment of PLS-SEM Path Modeling 199
4.9 Assessment of the Measurement Model 202
  4.9.1 Reflective Measurement Models for HRM practices and OP 206
    4.9.1.1 Individual Item Reliability of Reflective Measurement Models 206
    4.9.1.2 Internal Consistency Reliability of Reflective Measurement Models 207
    4.9.1.3 Convergent Validity of Reflective Measurement Models (AVE) 209
    4.9.1.4 Discriminant Validity of Reflective Measurement Models 209
  4.9.2 Formative Measurement Model 213
    4.9.2.1 Collinearity and Significance Assessment of Formative Model 213
4.10 Assessment of the Structural Model 215
  4.10.1 Hypotheses Testing for Direct Relationships between IVs and DV 215
    4.10.1.1 Coefficient of Determination for Direct Relationships 219
    4.10.1.2 Assessment of the Effect Size for Direct Relationships between IVs and DV 220
    4.10.1.3 Assessment of Predictive Relevance for Direct Relationships (HRM ->OP) 222
  4.10.2 Hypotheses Testing for Direct relationship between IVs and MV 225
  4.10.3 Hypothesis Testing for Direct relationship between MV and DV 226
  4.10.4 Mediation Analysis 227
    4.10.4.1 Coefficient of Determination for Mediating Relationships ($R^2$) 231
    4.10.4.2 Assessment of Effect Size ($f^2$) 232
    4.10.4.3 Assessment of Predictive Relevance for Mediating Relationship 234
    4.10.4.4 Assessment of the Magnitude of Mediating Effect 237
4.11 Summary of Findings 238
4.12 Summary of the Chapter 240
CHAPTER FIVE: DISCUSSIONS AND CONCLUSIONS 242

5.1 Introduction 242
5.2 Recapitulation of the Study’s Findings 242
5.3 Discussions 246
   5.3.1 The relationship between HRM Practices and OP 246
      5.3.1.1 The relationship between Recruitment and Selection and OP 246
      5.3.1.2 The relationship between Training and Development and OP 247
      5.3.1.3 The relationship between Compensation Practice and OP 249
      5.3.1.4 The relationship between Performance Appraisal and OP 251
      5.3.1.5 The relationship between Promotion Opportunity and OP 253
   5.3.2 The relationship between Individual HRM Practices and EC 254
      5.3.2.1 The relationship between Recruitment and Selection and EC 254
      5.3.2.2 The relationship between Training and Development and EC 255
      5.3.2.3 The relationship between Compensation Practice and EC 256
      5.3.2.4 The relationship between Performance Appraisal and EC 258
      5.3.2.5 The relationship between Promotion Opportunity and EC 259
   5.3.3 The relationship between EC and OP 260
   5.3.4 Mediating Effect of Ethical Climate 261
      5.3.4.1 Mediating Effect of EC between RS and OP 261
      5.3.4.2 Mediating Effect of EC between TD and OP 263
      5.3.4.3 Mediating Effect of EC between COMP and OP 264
      5.3.4.4 Mediating Effect of EC between PA and OP 266
      5.3.4.5 Mediating Effect of EC between PRO and OP 267
5.4 Implications of the Study 269
   5.4.1 Theoretical Implications 269
   5.4.2 Practical Implications 273
   5.4.3 Methodological Implications 274
   5.4.4 Limitations and Directions for Future Research 277
5.5 Conclusions 280

REFERENCES 282

APPENDICES 342
LIST OF TABLES

Table 1.1 Responses of Nigerian citizens on satisfaction with the Quality of education 9
Table 1.2 Human Development Index 10
Table 1.3 Responses of Nigerian citizens on satisfaction with the Quality of education 11
Table 1.4 Trend of the performance of educational system in public school of Nigeria 14
Table 3.1 Positivist and Interpretivist approach to research 140
Table 3.2 Total number of public educational sector administration in the seven states 143
Table 3.3 The proportionate stratified sampling of respondents 147
Table 3.4 Organizational performance items 150
Table 3.5 Recruitment and selection items 152
Table 3.6 Training and development items 154
Table 3.7 Compensation practice items 155
Table 3.8 Performance appraisal items 156
Table 3.9 Promotion opportunity items 157
Table 3.10 Ethical Climate items 159
Table 3.11 Summary of Measures and Measurement Scale 161
Table 3:12 Pilot Test: Reliability and Convergent Validity (n=30) 166
Table 3.13 Pilot Test: Discriminant Validity (n=30) 167
Table 3.14 Pilot Test: VIF and Significance for Formative Indicators (n=30) 168
Table 4.1 Questionnaire Distribution and Response Rate (n=186) 181
Table 4.2 Number of Questionnaire Used for the Further Analysis(n=181) 185
Table 4.3 Normality Test: Skewness and Kurtosis Statistics (n=181) 186
Table 4.4 Multicollinearity Test: Correlation Matrix (n=181) 187
Table 4.5 Multicollinearity Test: Tolerance and VIF (n=181) 188
Table 4.6 Test of Non-Response Bias: Independent-Samples T-Test (n=181) 190
Table 4.7 Test of Non-Response Bias for Demographic profiles: Chi-Square Test (n=181) 191
Table 4.8 Demographic Profile of Respondents (n=181) 196
Table 4.9 Descriptive Statistics of Study Variables: Mean and Standard Deviation (n=181) 198
Table 4.10 Measurement Model: Reliability and Convergent Validity (n=181) 208
Table 4.11 Discriminant Validity (Fornell-Lacker Criterion) (n=181) 210
Table 4.12 Measurement Model: Discriminant Validity (Cross Loadings) (n=181) 212
Table 4.13 Measurement Model: VIF, Tolerance and Indicators Significance Testing Result (n=181) 213
Table 4.14 Results of Hypotheses Testing Direct Relationships between IVs and DV (n=181) 219
Table 4.15 Coefficient of Determination (R2) for Direct Relationship between IVs and DV (n=181) 220
Table 4.16 Assessment of the Effect Size f^2 for Direct Relationships between IVs and DV (n=181) 221
Table 4.17 Predictive Relevance for Direct Relationships: Q^2 (n=181) 222
Table 4.18 Results of Hypotheses Testing Direct relationship between IVs and MV (n=181) 226
Table 4.19 Result of Hypothesis Testing Direct Relationships between MV and DV (n=181) 226
Table 4.20 Result of Mediation Test (n=181) 228
Table 4.21 Structural Model: Confidence Interval for Mediating Relationships (n=181) 228
Table 4.22 Coefficient of Determination for Mediation Relationships: R-Squared (n=181) 232
Table 4.23 Assessment of the Effect Size for Mediating Relationships: f-Square (n=181) 233
Table 4.24 Predictive Relevance for Mediating relationship (Q^2) (n=181) 235
Table 4.25 Assessment of the Magnitude of Mediating Effect: VAF (n=181) 237
Table 4.26 Summary of Study Hypotheses 239
LIST OF FIGURES

Figure 1.1 Note: Satisfaction with Public Educational Sector Performance 9

Figure 1.2 Note: Level of performance in NECO and WAEC in Nigerian public school 14

Figure 2.1 Research framework 118

Figure 3.1 Mediator Analysis Procedure in PLS-SEM 178

Figure 4.1 A Two-Step process of PLS Path Model Assessment 201

Figure 4.2 Repeated Indicator Approach (Algorithms) 204

Figure 4.3 Two-stage Approach (Algorithms) 205

Figure 4.4 Measurement model 214

Figure 4.5 PLS-SEM Algorithm Direct Relationship (Measurement Model) IVs and DV 217

Figure 4.6 PLS-SEM Bootstrapping Direct Relationship (Structural Model) 218

Figure 4.7 Blindfolding Direct Relationship (Structural Model) IVs and DV. 224

Figure 4.8 PLS-SEM Algorithm for Mediation Relationship 229

Figure 4.9 PLS-SEM Bootstrapping for Mediation Relationship 230

Figure 4.10 Blindfolding (Mediating Relationship) $Q^2$ 236
**LIST OF ABBREVIATIONS**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMO</td>
<td>Ability Motivation Opportunity</td>
</tr>
<tr>
<td>AVE</td>
<td>Average Variance Extracted</td>
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<tr>
<td>ASUP</td>
<td>Academics Staff of Polytechnics</td>
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<tr>
<td>BV</td>
<td>Benevolence</td>
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<tr>
<td>CFRN</td>
<td>Constitutions of the Federal Republic of Nigeria</td>
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<tr>
<td>CR</td>
<td>Composite Reliability</td>
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<td>COMP</td>
<td>Compensation Practice</td>
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<td>DV</td>
<td>Dependent Variable</td>
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<td>EC</td>
<td>Ethical Climate</td>
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<td>EG</td>
<td>Egoism</td>
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<td>F2</td>
<td>Effect Size</td>
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<td>HD</td>
<td>Hierarchical Distance</td>
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<td>HDI</td>
<td>Human Development Index</td>
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<td>HND</td>
<td>Higher National Diploma</td>
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<td>HPWP</td>
<td>High Performance Work Practices</td>
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<td>High Performance Work System</td>
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<td>HRM</td>
<td>Human Resource Management</td>
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<td>Human Resource</td>
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<td>ICPC</td>
<td>Independent Corrupt Practices and other Related Offences</td>
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<tr>
<td>IVs</td>
<td>Independent Variables</td>
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<tr>
<td>LL</td>
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<td>MV</td>
<td>Mediation Variable</td>
</tr>
<tr>
<td>NBS</td>
<td>National Bureau of Statistics</td>
</tr>
<tr>
<td>NCE</td>
<td>National Certificate of Education</td>
</tr>
<tr>
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<td>National Examination Council</td>
</tr>
<tr>
<td>Acronym</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
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</tr>
<tr>
<td>NIDOA</td>
<td>Nigerian in Diaspora Organization</td>
</tr>
<tr>
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<td>National Union of Teachers</td>
</tr>
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<td>OCT</td>
<td>Organizational Culture Theory</td>
</tr>
<tr>
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</tr>
<tr>
<td>PLS</td>
<td>Partial Least Squares</td>
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<tr>
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<td>Principled</td>
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<td>PRO</td>
<td>Promotion Opportunity</td>
</tr>
<tr>
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<td>Progressive Utilization Theory</td>
</tr>
<tr>
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<td>Construct cross validated Redundancy</td>
</tr>
<tr>
<td>RS</td>
<td>Recruitment and Selection</td>
</tr>
<tr>
<td>R2</td>
<td>R-squared values</td>
</tr>
<tr>
<td>RBV</td>
<td>Resource based View</td>
</tr>
<tr>
<td>ROA</td>
<td>Return on Assets</td>
</tr>
<tr>
<td>ROE</td>
<td>Return on Equity</td>
</tr>
<tr>
<td>ROI</td>
<td>Return on Investment</td>
</tr>
<tr>
<td>SEM</td>
<td>Structural Equation Modeling</td>
</tr>
<tr>
<td>SmartPLS</td>
<td>Smart PLS Statistical Package</td>
</tr>
<tr>
<td>SPSS</td>
<td>Statistical Package for the Social Science</td>
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</tr>
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<tr>
<td>VAF</td>
<td>Variance Accounted For</td>
</tr>
<tr>
<td>VIF</td>
<td>Variance Inflation Factor</td>
</tr>
<tr>
<td>WAEC</td>
<td>West African Examination Council</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------------</td>
</tr>
<tr>
<td>WASSCE</td>
<td>West African Senior School Certificate Examination</td>
</tr>
</tbody>
</table>
## LIST OF APPENDICES

<table>
<thead>
<tr>
<th>Appendix</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPENDIX A</td>
<td>RESEARCH QUESTIONNAIRE</td>
<td>342</td>
</tr>
<tr>
<td>APPENDIX B</td>
<td>G*Power of Analysis</td>
<td>350</td>
</tr>
<tr>
<td>APPENDIX C</td>
<td>Normality Test</td>
<td>351</td>
</tr>
<tr>
<td>APPENDIX D</td>
<td>Common Method Bias Output</td>
<td>353</td>
</tr>
<tr>
<td>APPENDIX E</td>
<td>Heteterotrait Monotrait ration (HTMT)</td>
<td>355</td>
</tr>
<tr>
<td></td>
<td>Mediation Predictive Relevance Output</td>
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</table>
CHAPTER ONE

INTRODUCTION

1.1 Background of the study

Over the years, the importance of organizational performance (OP) for efficient management is increasing in any given organization. The rapid changes in economic environment is being taken over by such phenomena as the globalization and deregulation of markets, changing customer and investor demand, and the ever-increasing product-market competition has become the norm for most organizations (Al-Dhaafri, Al-Swidi, & Yusoff, 2016).

Organizations require evaluation of their internal environment for opportunities and challenges in order to remain competitive and sustain their growth (Al-Swidi & Al-Hosam, 2012). Chen (2005) argued that organizations are looking for ways to improve their performance and attain competitive advantage over competitors. Nevertheless, if this performance can be improved, how and what approaches should be used towards that, is still the issue that needs to be investigated further.

Several studies were conducted with an aim to discover factors that can influence performance of organization. Studies from different discipline like human resource management, strategic management, marketing, operation management, information system as well as international business have investigated different number of variables
The contents of the thesis is for internal user only
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308


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research.


323


http://doi.org/10.1509/jmkg.64.1.67.17993


Sir / Madam

I am a Doctor of Philosophy student at Universiti Utara Malaysia, Kedah. Currently I am conducting a research on ‘Human resource management (HRM) practices, Ethical climate and performance’. The objective of this study is to examine the mediating role of ethical climate on the relationship between HRM practices and organizational performance in Nigerian Public Educational Sector Administration.

Your help is requested in this research by completing the questionnaire survey instrument received. The information you provide will remain strictly anonymous and confidential. You may receive a summary of the results by writing “copy of results requested” at your own wish.

Your participation in completing the questionnaire is very important to the success of this research. It will be a honour if you are able to return the completed questionnaires.

I would appreciate your returning the questionnaire at your earliest convenience. Thank you in advance for your cooperation. Should you have any enquires, please do not hesitate to call me at +2348035493734/+60143835667.

Sincerely,

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06010 Sintok, Kedah
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H/P no: +8801743331857
SECTION A: HUMAN RESOURCE MANAGEMENT PRACTICES

The statements in this section are related to the extent of HRM practices implemented in your organization. Please circle the relevant number based on the rating scale provided.

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<thead>
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<th></th>
<th>Strongly disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly agree</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>In this organization, extensive selection procedures are used in the selection of the employees (e.g. use several rounds of screening).</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>2.</td>
<td>In this organization, recruitment and selection system focuses on the potential of the candidates to learn and grow with the organization.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>3.</td>
<td>This organization uses structured and standardized interviews for selection of the employees.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>4.</td>
<td>In this organization, senior staffs are involved in recruitment and selection of the employees.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>5.</td>
<td>This organization uses work values and cultural fit as a criterion in employee recruitment and selection.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>6.</td>
<td>This organization uses behavioral attitudes as a criterion in employee recruitment and selection.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>7.</td>
<td>This organization uses test and interviewing techniques for employee selection.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>8.</td>
<td>In this organization, recruitment and selection process of potential employees are often provided with a realistic picture of the job and the organization, including the negative aspects.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>9.</td>
<td>Extensive training programs are provided for employees in this organization.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>10.</td>
<td>This organization provide training focused on team building and team work skills training.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>11.</td>
<td>In this organization, there are formal training programs to teach new employees the skills they need to perform their jobs.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>12.</td>
<td>Formal training programs are offered to employees in order to increase their promotability in this organization.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>13.</td>
<td>This organization have a mentoring system to help develop those employees.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>14.</td>
<td>This organization offer an orientation program that trains employees on the history, mission, values, and processes of the organization.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
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<tr>
<td></td>
<td>In this organization, training programs are consistently evaluated to determine whether the training objectives are met.</td>
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<td></td>
<td>In this organization, employee bonuses or incentive plans (e.g., stock option plan) are based primarily on the performance of the organization/group.</td>
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<tr>
<td></td>
<td>In this organization, job performance of an individual played an important role in determining the earning of employees.</td>
<td></td>
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<tr>
<td></td>
<td>In this organization, employees are rewarded for participation in teams.</td>
<td></td>
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<tr>
<td></td>
<td>This organization constantly updates &amp; reviews the range of benefit to meet the needs of employees.</td>
<td></td>
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<tr>
<td></td>
<td>In this organization, salaries for employees are higher than those of our competitors.</td>
<td></td>
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<tr>
<td></td>
<td>In this organization, performance appraisals are based on objective, quantifiable results.</td>
<td></td>
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<tr>
<td></td>
<td>In this organization, employees regularly or at least once a year receive a formal performance appraisal.</td>
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<tr>
<td></td>
<td>In this organization, team played an important role in performance appraisals.</td>
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<tr>
<td></td>
<td>In this organization, superior officers discuss performance with subordinate.</td>
<td></td>
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<tr>
<td></td>
<td>In this organization, performance appraisals are used primarily to set goals for personnel development.</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>Performance appraisals are used to plan skill development and training for future advancement within this organization.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Employees in this job have clear career paths within this organization.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Employees in this job have very little future within this organization.</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Employees’ career aspirations within this organization are known by their immediate supervisors.</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Employees’ in this job who desire promotion have more than one potential position they could be promoted.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>This organization, ensure that all employees in these positions are made aware of internal promotion opportunities.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>In this organization, internal candidates are given consideration over external candidates for job opening.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SECTION B: ETHICAL CLIMATE

Listed below are statements describing organizational ethical standards. Please indicate the degree of your agreement to each of the statement by circling the rating provided.

<table>
<thead>
<tr>
<th></th>
<th>Strongly disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>In this organization, employees are mostly out for themselves.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>The major responsibility for employees in this organization is to consider efficiency first.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>In this organization, employees are expected to follow personal and moral beliefs.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>In this organization, employees are expected to do anything to further the organization’s interest.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>In this organization, employees look out for each other’s good.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>There is no room for one’s own personal morals or ethics in this organization.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>In this organization, employees strictly follow rules and procedures.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>In this organization, work is considered sub-standard only when it hurts the organization’s interests.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Each employee in this organization decides for himself what is right or wrong.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>In this organization, employees protect their own interest above other considerations.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>The most important consideration in this organization is each employee has sense of right and wrong.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>The most important concern is the good of all the employees in this organization.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>In this organization, the first consideration is whether a decision violates any law.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>In this organization, employees are expected to comply with the legal and professional standards over and above other consideration.</td>
<td>1 2 3 4 5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
15. In this organization, employees are expected to stick by organization rules and procedures.  
16. In this organization, our major concern is always what is best for the other people.  
17. In this organization, employees are concerned with the organization’s interests to some extent.  
18. Successful employees in this organization go by the book.  
19. In this organization, the most efficient way is always the right way.  
20. In this organization, employees are expected to strictly follow legal and organisation’s standards.  
21. What is best for everyone, is the major consideration in this organization.  
22. In this organization, employees are guided by own personal ethics.  
23. Successful employees in this organization strictly obey the organization policies.  
24. In this organization, the law and ethical code of profession is the major consideration.  
25. In this organization, each employee is expected above all to work efficiently.  
26. In this organization, it is expected that employees will always do what is right for the public.
**SECTION C: ORGANIZATIONAL PERFORMANCE**

Listed below are statements asking you about your organizational performance based on efficiency, effectiveness and fairness. Please indicate the degree of your agreement to each of the statement by circling the rating provided.

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
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<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Strongly disagree</td>
<td>Disagree</td>
<td>Neutral</td>
<td>Agree</td>
<td>Strongly agree</td>
<td></td>
</tr>
</tbody>
</table>

1. This organization has made good use of employee’s knowledge and skills in looking for ways to become more efficient.  
   [   ] 1 [   ] 2 [   ] 3 [   ] 4 [   ] 5

2. In the past 2 years, the productivity of this work unit has improved.  
   [   ] 1 [   ] 2 [   ] 3 [   ] 4 [   ] 5

3. The work performed by this work unit provides the public a worthwhile return on the organization mission.  
   [   ] 1 [   ] 2 [   ] 3 [   ] 4 [   ] 5

4. People of different race/ national origin group are treated with respect in this organization.  
   [   ] 1 [   ] 2 [   ] 3 [   ] 4 [   ] 5

5. The quality of work performed by the current co-workers in this immediate work group is satisfactory.  
   [   ] 1 [   ] 2 [   ] 3 [   ] 4 [   ] 5

6. This organization provides fair and equitable treatment to the public.  
   [   ] 1 [   ] 2 [   ] 3 [   ] 4 [   ] 5

7. This organization uses performance measurement in program management.  
   [   ] 1 [   ] 2 [   ] 3 [   ] 4 [   ] 5

8. This organization has strong citizen orientation.  
   [   ] 1 [   ] 2 [   ] 3 [   ] 4 [   ] 5

9. In this organization, top executive set high performance expectations for employees.  
   [   ] 1 [   ] 2 [   ] 3 [   ] 4 [   ] 5

10. This organization compares employee’s performance against similar organization.  
    [   ] 1 [   ] 2 [   ] 3 [   ] 4 [   ] 5
SECTION D: DEMOGRAPHIC INFORMATION

Please tick (/) in the appropriate box.

MINISTRY/BOARD/PARASTATAL/AGENCIES: ..........................................................

Gender
- Male [ ]
- Female [ ]

Marital status
- Married [ ]
- Single [ ]
- Divorced [ ]
- Widowed [ ]

Age
- 18-29 [ ]
- 30-39 [ ]
- 40-49 [ ]
- 50-59 [ ]
- 60 and Above [ ]

Position Grade Level
- GL 07-10 [ ]
- GL 12-14 [ ]
- GL 15-17 [ ]

Work Experience
- Less than 2 years [ ]
- 2 to 5 years [ ]
- 6 to 9 years [ ]
- 10 years and above [ ]

Educational Level
- Diploma/ NCE [ ]
- Degree/HND [ ]
- Postgraduate Degree [ ]
SECTION E : COMMENTS

The researcher would welcome any suggestion which might benefit this study.

Thank You

ALL INFORMATION WILL BE KEPT CONFIDENTIAL.
Appendix B
G*power of Analysis

![G*Power 3.1.9.2 window](image)

**Input Parameters**
- Effect size $F$ = 0.15
- $\alpha$ err prob = 0.05
- Power (1$\beta$ err prob) = 0.95
- Number of tested predictors = 5
- Total number of predictors = 5

**Output Parameters**
- Noncentrality parameter $\lambda$ = 20.700000
- Critical $F$ = 2.2828562
- Numerator df = 5
- Denominator df = 132
- Total sample size = 138
- Actual power = 0.9507643

**Critical F** = 2.282866
Appendix C
Normality Test

Histogram
Dependent Variable: ORG_PERFORMANCE

Normal P-P Plot of Regression Standardized Residual
Dependent Variable: ORG_PERFORMANCE
Appendix C: continued……

*Scatterplot*

*Dependent Variable: ORG_PERFORMANCE*
# Appendix D

Harman’s Single-Factor (Common method bias)

<table>
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<tr>
<th>Component</th>
<th>Initial Eigenvalues</th>
<th>Extraction Sums of Squared Loadings</th>
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<td>1</td>
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<tr>
<td>3</td>
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Extraction Method: Principal Component Analysis.
Appendix E
Hetetrottrait Monotrait ration (HTMT)

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