DETERMINANTS OF GREEN PURCHASE INTENTION IN NIGERIA: THE
MEDIATING ROLE OF PERCEIVED BEHAVIOURAL CONTROL
ENVIRONMENTAL CONSCIOUSNESS AND GREEN TRUST

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ABSTRACT

Green purchase is a widely known phenomenon especially in developed countries and in some developing nations. However, this seemingly known practice is still slow in gathering momentum in places like Nigeria due to the low level of its awareness. The cogent rationale for this study was to examine the determinants of green purchase intention and the mediating effects of perceived behavioural control (PBC), environmental consciousness and green trust between the suggested determinants and green purchase intention using the theory of planned behavior (TPB). The framework was composed of nine (9) variables. The instrument was adopted from previous studies and had a total of fifty-four (54) items measured using the seven-point Likert scale. 754 respondents from three universities were selected and 502 responded indicating a 67% response rate. The Structural Equation Modeling (SEM) was used to examine the causal and mediating relationships. The finding showed that perceived behavioural control and environmental consciousness had a significant direct influence on green purchase intention. Also, the significant determinants of environmental consciousness were government regulations and perceived green knowledge. Green perceived value and green availability significantly predicted green trust. Significant determinants of PBC were green trust, green price sensitivity and green perceived value. Mediation results indicated that PBC mediated between trust and intention while environmental consciousness mediated between green knowledge, government regulations and intention. The TPB was found to be a robust underpinning theory in explaining the determinants of green purchase intention in Nigeria since the model achieved the goodness of fit by meeting the entire criterion. The implication of this study is that the finding provides valuable insight for the government to formulate stringent regulations to deal with environmental issues and strategic planning on how to market green products in Nigeria by the practitioners.

Keywords: green purchase intention, structural equation modeling, Nigeria, green products, theory of planned behaviour.
ABSTRAK
“Pembelian hijau” merupakan satu fenomena yang dikenali ramai terutamanya di negara-negara maju dan beberapa buah negara membangun. Walau bagaimanapun, amalan ini seolah-olah masih perlahan untuk mengumpul momentum di tempat seperti Nigeria kerana tahap kesedarannya yang rendah. Rasional yang meyakinkan bagi menjalankan kajian ini adalah untuk mengkaji penentuan niat pembelian hijau dan kesan pengantara kawalan tingkah laku anggapan(PBC), kesedaran alam sekitar dan keyakinan hijau (green trust) di antara penentu-penentu yang dicadangkan dan niat pembelian hijau dengan menggunakan teori tingkah laku terancang (TPB). Rangka kerja kajian terdiri daripada sembilan (9) pemboleh ubah. Instrumen diambil daripada kajian sebelumnya dan mempunyai sebanyak lima puluh empat (54) item yang diukur menggunakan skala tujuh mata Likert. 754 responden dari tiga buah universiti telah dipilih dan 502 maklum balas yang diterima menunjukkan kadar tindak balas sebanyak 67%. Permodelan Persamaan Berstruktur (SEM) telah digunakan untuk mengkaji penyebab dan pengantara dalam hubungan. Dapatan kajian menunjukkan bahawa kawalan tanggapan tingkah laku dan kesedaran alam sekitar mempunyai pengaruh langsung yang signifikan terhadap niat pembelian hijau. Penentu yang signifikan terhadap kesedaran alam sekitar adalah peraturan-peraturan kerajaan dan tanggapan pengetahuan hijau. Tanggapan nilai hijau dan keteredayaan hijau secara signifikan meramalkan keyakinan hijau. Penentu penting PBC adalah keyakinan hijau, sensitiviti harga hijau dan tanggapan nilai hijau. Keputusan pengantaraan menunjukkan bahawa PBC menjadi pengantara bagi keyakinan dan niat manakala kesedaran alam sekitar menjadi pengantara bagi pengetahuan hijau, peraturan kerajaan dan niat. TPB didapat menjadi teori asas yang kukuh dalam menerangkan penentuan niat pembelian hijau di Nigeria memandangkan model tersebut mencapai kebaikan suai dengan memenuhi keseluruhan kriteria. Implikasi bagi kajian ini adalah dapatan kajian memberikan pandangan yang berharga bagi kerajaan untuk menggubal peraturan-peraturan yang ketat bagi menangani isu-isu alam sekitar dan menyediakan pandangan kepada pengamal untuk membuat perancangan strategik mengenai cara untuk memasarkan produk-produk hijau di Nigeria.

Kata kunci: niat pembelian hijau, pemodelan persamaan berstruktur, Nigeria, produk hijau, teori tingkah laku terancang
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PUBLICATIONS FROM THIS STUDY


# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITLE PAGE</td>
<td>i</td>
</tr>
<tr>
<td>CERTIFICATION OF THESIS WORK</td>
<td>ii</td>
</tr>
<tr>
<td>PERMISSION TO USE</td>
<td>iv</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td>v</td>
</tr>
<tr>
<td>ABSTRAK</td>
<td>vi</td>
</tr>
<tr>
<td>ACKNOWLEDGMENTS</td>
<td>vii</td>
</tr>
<tr>
<td>TABLE OF CONTENTS</td>
<td>ix</td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td>xxiii</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td>xxvi</td>
</tr>
<tr>
<td>LIST OF ABBREVIATIONS</td>
<td>xxviii</td>
</tr>
<tr>
<td>LIST OF APPENDIX</td>
<td>xxix</td>
</tr>
<tr>
<td>CHAPTER ONE: INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>1.0 Preambles</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>4</td>
</tr>
<tr>
<td>1.2.1 Low Level of Green Purchase Intention</td>
<td>4</td>
</tr>
<tr>
<td>1.2.2 Weak Enforcement of Government Regulation</td>
<td>8</td>
</tr>
<tr>
<td>1.2.3 Low level of Environmental Consciousness</td>
<td>10</td>
</tr>
<tr>
<td>1.2.4 Lack of Trust on Green Products</td>
<td>12</td>
</tr>
<tr>
<td>1.2.5 Limited Studies on the Mediating Effects of Perceived Behavioural Control, Environmental Consciousness and Green Trust in Green</td>
<td>14</td>
</tr>
<tr>
<td>1.3 Research Questions</td>
<td>16</td>
</tr>
<tr>
<td>1.5 Research Objectives</td>
<td>17</td>
</tr>
<tr>
<td>1.6 Significance of the Research</td>
<td>19</td>
</tr>
</tbody>
</table>
1.6.1 Government 20
1.6.3 Academicians 21
1.6.4 Consumers 21
1.6.5 Methodology 22
1.7 Scope of the Study 22
1.8 Chapter outline of the Study 23
1.9 Summary of Chapter 25

**CHAPTER TWO: LITERATURE REVIEW** 27

2.0 Preambles 27
2.1 Green Purchase Intention (GPI) 27
2.2 Green Product 31
2.3 Green Marketing 34
2.4 Underpinning Theory 37
  2.4.2 Constructs of TPB 39
    2.4.2.1 Attitude 39
    2.4.2.2 Attitudinal Belief 40
    2.4.2.3 Subjective Norms 40
    2.4.2.4 Normative belief 41
    2.4.2.5 Perceived Behavioural Control 41
    2.4.2.6 Control belief 43
2.4.3 Theory of Planned Behaviour Applied In Green Purchase Intention Studies 43
  2.4.3.1 Justification for adopting Theory of Planned Behaviour 47
2.5 Simple Green Purchase Intention Models 48
2.6 Complex Green Purchase Intention Models 58
2.6.1 Examples of Complex Models in Green Purchase Intention Studies

2.7 Direct Determinants of Green Purchase Intention

2.8 Review of Past Studies on Determinants of Green Purchase Intention

2.8.1 Perceived Behavioural Control and Green Purchase Intention

2.8.2 Environmental Consciousness and Green Purchase Intention

2.8.3 Green Trust and Green Purchase Intention

2.8.4 Perceived Green Knowledge and Green Purchase Intention

2.8.5 Government Regulations and Green Purchase Intention

2.8.6 Green Perceived Value and Green Purchase Intention

2.8.7 Green Price Sensitivity and Green Purchase Intention

2.8.8 Green Availability and Green Purchase Intention

2.9 Other Direct Determinants of Green Purchase Intention

2.10 Determinants of Perceived Behavioural Control

2.10.1 Perceived Green Knowledge and Perceived Behavioural Control

2.10.2 Government Regulation and Perceived Behavioural Control

2.10.3 Green Trust and Perceived Behavioural Control

2.10.4 Green Price Sensitivity and Perceived Behavioural Control

2.10.5 Perceived Green Value and Perceived Behavioural Control

2.10.6 Green Availability and Perceived Behavioural Control

2.11 Determinants of Environmental Consciousness

2.11.1 Perceived Green Knowledge and Environmental Consciousness

2.11.2 Government Regulations and Environmental Consciousness

2.11.3 Green Perceived Value and Environmental Consciousness

2.12 Determinants of Green Trust

2.12.1 Green Perceived Value and Green Trust
2.12.2 Green Price Sensitivity and Green Trust 111
2.12.3 Green Availability and Green Trust 112
2.13 Mediating Variables 113
2.13.1 The Mediating Role of Perceived Behavioural Control, Environmental Consciousness and Green Trust 116
2.13.1.1 Perceived Behavioural Control as a Mediator 116
2.13.1.2 Environmental Consciousness as a Mediator 118
2.13.1.3 Green Trust as a Mediator 119
2.14 Summary of Chapter 121

CHAPTER THREE: RESEARCH FRAMEWORK AND DEVELOPMENT OF RESEARCH HYPOTHESES 123

3.0 Preambles 123
3.1 The Research Framework 123
3.2 Research Hypotheses 127
3.2.1 Perceived Behavioural Control and Green Purchase Intention 127
3.2.2 Environmental Consciousness and Green Purchase Intention 128
3.2.3 Green Trust and Green Purchase Intention 128
3.2.4 Perceived Green Knowledge and Green Purchase Intention 129
3.2.5 Government Regulation and Green Purchase Intention 130
3.2.6 Green Perceived Value and Green Purchase Intention 130
3.2.7 Green Price Sensitivity and Green Purchase Intention 131
3.2.8 Green Availability and Green Purchase Intention 132
3.2.9 Perceived Green Knowledge and Perceived behavioural control 133
3.2.10 Government Regulations and Perceived Behavioural Control 134
3.2.11 Government Regulations and Environmental Consciousness 135
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.2.12</td>
<td>Green Perceived Value and Environmental Consciousness</td>
<td>135</td>
</tr>
<tr>
<td>3.2.13</td>
<td>Green Perceived Value and Green Trust</td>
<td>136</td>
</tr>
<tr>
<td>3.2.14</td>
<td>Green Price Sensitivity and Green Trust</td>
<td>137</td>
</tr>
<tr>
<td>3.2.15</td>
<td>Green Availability and Green Trust</td>
<td>137</td>
</tr>
<tr>
<td>3.2.16</td>
<td>Green Trust and Perceived Behaviour Control</td>
<td>138</td>
</tr>
<tr>
<td>3.2.17</td>
<td>Green Price Sensitivity and Perceived Behaviour Control</td>
<td>138</td>
</tr>
<tr>
<td>3.2.18</td>
<td>Green Perceived Value and Perceived Behaviour Control</td>
<td>139</td>
</tr>
<tr>
<td>3.2.19</td>
<td>Green Availability and Perceived Behaviour Control</td>
<td>140</td>
</tr>
<tr>
<td>3.2.20</td>
<td>Perceived Green Knowledge and Environmental Consciousness</td>
<td>140</td>
</tr>
<tr>
<td>3.2.21</td>
<td>Perceived Behavioural Control mediates between Perceived Green Knowledge and Green Purchase Intention</td>
<td>141</td>
</tr>
<tr>
<td>3.2.22</td>
<td>Perceived Behavioural Control mediates between Government Regulations and Purchase Intention</td>
<td>142</td>
</tr>
<tr>
<td>3.2.23</td>
<td>Perceived Behavioural Control mediates between Green Price Sensitivity and Green Purchase Intention</td>
<td>142</td>
</tr>
<tr>
<td>3.2.24</td>
<td>Perceived Behavioural Control mediates between Green Availability and Green Purchase Intention</td>
<td>143</td>
</tr>
<tr>
<td>3.2.25</td>
<td>Perceived Behavioural Control mediates the relationship between Green Trust and Green Purchase Intention</td>
<td>144</td>
</tr>
<tr>
<td>3.2.26</td>
<td>Environmental Consciousness mediates the relationship between Government Regulation and Green Purchase Intention</td>
<td>144</td>
</tr>
<tr>
<td>3.2.27</td>
<td>Environmental Consciousness mediates the relationship between Perceived Value and Green Purchase Intention</td>
<td>145</td>
</tr>
<tr>
<td>3.2.28</td>
<td>Environmental Consciousness mediates between Perceived Green Knowledge and Green Purchase Intention</td>
<td>145</td>
</tr>
</tbody>
</table>
3.2.29 Green Perceived Value mediates Green Trust and Green Purchase Intention 146

3.2.30 Green Trust mediates between Green Price Sensitivity and Green Purchase Intention 146

3.2.31 Green Trust mediates between Green Availability and Green Purchase Intention 147

3.2.32 Green Trust mediates the relationship between Green Price Sensitivity and Perceived Behavioural Control 148

3.2.33 Green Trust mediates the relationship between Green Availability and Perceived Behavioural Control 148

3.2.34 Green Trust mediates the relationship between Green Perceived Value and Perceived Behavioural Control 149

3.4 Operational Definition 149

3.5 Summary of Chapter 151

CHAPTER FOUR: RESEARCH METHODOLOGY 152

4.0 Preamble 152

4.1 Research Design 152

4.2 Sample Design of the Research 154

4.3 Population Frame 154

4.4 Sampling Method 155

4.4.1 Sampling Frame 156

4.4.2 Sample Size Determination 157

4.5 Data Collection Procedure 159

4.5.1 Pilot Data Collection 159

4.5.2 Actual Data Collection Procedure 160
4.6 Questionnaire Design

4.7 Measurement of Constructs

4.7.1 Green Purchase Intention (GPI)

4.7.2 Perceived Behavioural Control (PBCL)

4.7.3 Environmental Consciousness (ECC)

4.7.4 Green Trust (GTST)

4.7.5 Perceived Green Knowledge (PGKL)

4.7.6 Green Perceived Value (GPV)

4.7.7 Green Price Sensitivity (GPST)

4.7.8 Government Regulations (GRN)

4.7.9 Green Availability (GAV)

4.8 Pre-Test of Questionnaires

4.9 Exploratory Factor Analysis

4.9.1 Factor Analysis for Independent Variable of Pilot Study

4.9.2 Factor Analysis for Dependent Variable

4.9.3 Bartlett’s Test and Kaiser-Meyer-Olkin (KMO)

4.10 Response Bias

4.11 Demographic Profile

4.12 Data Screening

4.12.1 Missing Data

4.12.2 Detecting Outliers

4.12.3 Normality Test

4.12.4 Descriptive Statistics of Data

4.12.5 Test of Linearity

4.12.6 Homoscedasticity
4.12.7 Multicollinearity
4.13 Test of Reliability
  4.13.1 Reliability (Cronbach Alpha)
  4.13.2 Composite Reliability
4.14 Test of Validity
  4.14.1 Content (face) Validity
  4.14.2 Construct Validity
  4.14.3 Convergent validity
4.15 Discriminant Validity
4.16 Method of Data Analysis
  4.16.1 Structural Equation Modeling (SEM)
  4.16.2 The Rationale for using Structural Equation Modeling
  4.16.3 Types of Error In Structural Equation Modeling
  4.16.4 Types of Variables used in Structural Equation Modeling
  4.16.5 Steps in Structural Equation Modeling Analysis
    4.16.5.1 Model Conceptualizing
    4.16.5.2 Identification of Parameters
    4.16.5.3 Model Specification
    4.16.5.4 Estimation of Model
    4.16.5.5 Model modification
    4.16.5.6 Evaluation of Parameters
4.17 Estimation of Model Fit
  4.17.1 Absolute Fit Indices
  4.17.2 Incremental Fit Index
  4.17.3 Parsimony Fit Indices
4.18 Benchmark for Goodness of Fit Indices 204

4.19 Testing of Hypotheses 205

4.19.1 Direct Relationship (Effects) 205

4.19.2 Indirect Relationships (Effects) 206

4.19.2.1 Bootstrapping 206

4.20 Summary of Chapter 207

CHAPTER FIVE: FINDINGS 208

5.0 Preambles 208

5.1 Response Rate 209

5.2 Screening Question 210

5.2.1 Discussion on the Screening Question 210

5.3 Demographic Profile of Respondents 210

5.4 Descriptive Statistics Indicators 212

5.5 Screening of Data 212

5.5.1 Missing Data Detection 213

5.5.2 Response Bias 213

5.5.3 Outliers 214

5.5.4 Normality 215

5.4.5 Histogram 216

5.4.6 Linearity 217

5.4.7 Homoscedacity 218

5.4.8 Multicollinearity 219

5.5 Test for Validity of Constructs 220

5.5.1 Construct Validity 220

5.5.1.1 Cronbach Alpha 220
5.5.1.2 Composite Reliability 221

5.5.2 Convergent Validity 222

5.5.2.1 Exploratory Factor Analysis 222

5.5.2.2 Confirmatory Factor Analysis (CFA) 223

5.5.3 Discriminant Validity 230

5.5.3.1 Correlation 230

5.5.3.2 Average Variance Extracted 232

5.6 Hypothesized Structural Model 234

5.7 Generated Model 235

5.7.1 Goodness of Fit Indices 236

5.8 Results of Direct Relationship 237

5.8.1 Summary of findings on Direct Relationship from Generated Model 244

5.9 Mediating Effects of Perceived Behavioural Control, Environmental Consciousness and Green Trust 245

5.9.2 The mediating Effect of Environmental Consciousness 247

5.10 Squared Multiple Correlations (SMC) 249

5.11 Summary of Chapter 252

CHAPTER SIX: DISCUSSION AND CONCLUSION 254

6.0 Preambles 254

6.1 Recapitulation of the Research Objectives 254

6.2 Objective One: Discusses the Direct Determinants of Green Purchase Intention in Nigeria 256

6.2.1 Significant Determinants of Green Purchase Intention in Nigeria 256

6.2.1.1 Perceived behavioural Control and Green Purchase Intention 256

6.2.1.2 Environmental consciousness and Green Purchase Intention 257
6.2.2. Insignificant Determinants of Green Purchase Intention in Nigeria

6.2.2.1 Green Trust and Green Purchase Intention
6.2.2.2 Perceived Green Knowledge and Green Purchase Intention
6.2.2.3 Government Regulation and Green Purchase Intention
6.2.2.4 Green Perceived Value and Green Purchase Intention
6.2.2.5 Green Price Sensitivity and Green Purchase Intention
6.2.2.6 Green Availability and Green Purchase Intention

6.3 Objective Two: Discussion on the Determinants of Perceived Behavioural Control

6.3.1 Significant Determinants of Perceived Behavioural Control among Nigerian Consumers

6.3.1.1 Green Trust and Perceived Behavioural Control
6.3.1.2 Green Price Sensitivity and Perceived Behavioural Control
6.3.1.3 Green Perceived Value and Perceived Behavioural Control

6.3.2.1 Perceived Green Knowledge and Perceived Behavioural Control
6.3.2.2 Government Regulations and Perceived Behavioural Control

6.4 Objective Three: Discussion on Determinants of Environmental Consciousness in Nigeria

6.4.1 Significant Determinant of Environmental Consciousness

6.4.1.1 Perceived Green Knowledge and Environmental consciousness
6.4.1.2 Government Regulations and Environmental Consciousness
6.4.1.3 Green Perceived Value and Environmental Consciousness

6.5 Objective Four: Discussion on the Determinants of Green Trust among Nigerian Consumers
6.5.1 Significant Determinants of Green Trust among Nigerian Consumers 269

6.5.1.1 Green Perceived Value and Green Trust 269

6.5.1.2 Green Availability and Green Trust 270

6.5.2 Insignificant Determinants of Green Trust 270

6.5.2.1 Green Price Sensitivity and Green Trust 270

6.6 Objective Five: Discussion on the Mediating Effects of Perceived Behavioural Control, Environmental Consciousness and Green Trust 271

6.6.1 Significant Mediating Effects 271

6.6.1.1 Perceived Behavioural Control Mediates between Green Trust and Green Purchase Intention 271

6.6.1.2 Environmental Consciousness mediates between Perceived Green Knowledge and Green Purchase Intention 272

6.6.2.3 Environmental Consciousness mediates between Government Regulations and Green Purchase Intention 273

6.6.2 Insignificant Mediating Effects of Perceived Behavioural Control, Environmental Consciousness and Green Trust. 274

6.6.2.1 Perceived Behavioural Control Mediates between Green Price Sensitivity and Green Purchase Intention 274

6.6.2.2 Perceived Behavioural Control as Mediator between Green Availability and Green Purchase Intention 274

6.6.2.3 Perceived Behavioural Control mediates between Perceived Green Knowledge and Green Purchase Intention 275

6.6.2.4 Perceived Behavioural Control mediates between Government Regulations and Green Purchase Intention 275

6.6.2.5 Environmental Consciousness mediates between Green Perceived
Value and Green Purchase Intention 276

6.6.2.6 Green Trust mediates between Green Perceived Value and Green Purchase Intention 277

6.6.2.7 Green Trust mediates between Green Availability and Green Purchase Intention 277

6.6.2.8 Green Trust mediates between Green Price Sensitivity and Green Purchase Intention 278

6.6.2.9 Green Trust Mediates between Green Price Sensitivity and Perceived Behavioural Control 279

6.6.2.10 Green Trust Mediates between Green Availability and Perceived Behavioural Control 279

6.6.2.11 Green Trust Mediates between Green Perceived Value and Perceived Behavioural Control 280

6.7 Implication of the Study 280

6.8.1 New Contribution 281

6.8.2 Methodological Contribution 282

6.8.3 Contribution to Nigerian Government 283

6.8.3.1 Up Grading Resources 283

6.8.3.2 Create Awareness 284

6.8.3.3 Introduce Stringent Government Regulation 285

6.8.3.4 Encourage Proper Waste Management and Recycling 286

6.8.3.5 Encourage Individual Participation 286

6.8.3.6 Incentives 287

6.8.4 Contribution to Practitioners 288

6.8.4.1 Communicate Environmental Benefits 289
List of Tables

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table 1.1</td>
<td>Green Purchase Behaviour by Region</td>
<td>7</td>
</tr>
<tr>
<td>Table 1.2</td>
<td>Summary of Research Problems, Research Questions and Research Objectives</td>
<td>19</td>
</tr>
<tr>
<td>Table 2.1</td>
<td>Theory of Planned Behaviour Applied in Green Purchase Intention Studies</td>
<td>46</td>
</tr>
<tr>
<td>Table 2.2</td>
<td>Summary of Relationship on the Direct Determinants of Green Purchase Intention with Findings</td>
<td>71</td>
</tr>
<tr>
<td>Table 2.3</td>
<td>Summary of Studies on Perceived Behavioural Control and Green Intention</td>
<td>79</td>
</tr>
<tr>
<td>Table 2.4</td>
<td>Summary of Studies on Environmental Consciousness and Green Purchase Intention</td>
<td>84</td>
</tr>
<tr>
<td>Table 2.5</td>
<td>Summary of Studies Showing Relationship between Green Trust and Green Purchase Intention</td>
<td>87</td>
</tr>
<tr>
<td>Table 2.6</td>
<td>Summary of studies showing Relationship between Green Knowledge and Green Purchase Intention</td>
<td>91</td>
</tr>
<tr>
<td>Table 2.7</td>
<td>Summary of studies on the relationship between Government Regulations and Green Purchase Intention</td>
<td>94</td>
</tr>
<tr>
<td>Table 2.8</td>
<td>Summary of studies showing the Relationship between Perceived Value and Green Purchase Intention</td>
<td>96</td>
</tr>
<tr>
<td>Table 2.9</td>
<td>Summary of Studies showing Relationship between Green Price Sensitivity and Green Purchase Intention</td>
<td>99</td>
</tr>
<tr>
<td>Table 2.10</td>
<td>Summary of studies showing Relationship between Availability and Green Purchase Intention</td>
<td>101</td>
</tr>
</tbody>
</table>
Table 5.3 Summary of Descriptive Statistics Indicators of Variables 212
Table 5.4 Response Bias Test 214
Table 5.5 Residuals Statistics on Mahalanobis Distance 215
Table 5.6 Multicollinearity Test Based on Variance Inflated Factor (VIF) 220
Table 5.7 Reliability of Variables (N=440) 221
Table 5.8 Goodness of Fit Summary of CFA of Individual, Exogenous, Endogenous and Combined Measurement Model (N=440) 225
Table 5.9 Summary of Factor Loading for EFA and CFA 226
Table 5.10 Correlations among Constructs 229
Table 5.11 Correlation and Correlation Squared Matrix among Constructs 231
Table 5.12 Variance Extracted for Latent Variables 232
Table 5.13 Average Variance Extracted (AVE) Matrix of Constructs 233
Table 5.14 Goodness of Fit of Hypothesized Structural and Generated Model (N=440) 237
Table 5.15 Direct Effects of Generated Model 238
Table 5.16 Mediating Effect of Perceived Behavioural Control 247
Table 5.17 Mediating Effect of Environmental Consciousness 248
Table 5.18 Mediating Effects of Green Trust 249
Table 5.19 Squared Multiple Correlations for Endogenous Variables 250
Table 5.20 Summary of Hypotheses Results 251
## List of Figures

<table>
<thead>
<tr>
<th>Figure</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure 1.1</td>
<td>Chapter Plan of the Study</td>
<td>25</td>
</tr>
<tr>
<td>Figure 2.1</td>
<td>Green Products Types</td>
<td>32</td>
</tr>
<tr>
<td>Figure 2.2</td>
<td>Stages in Green Marketing History</td>
<td>35</td>
</tr>
<tr>
<td>Figure 2.3</td>
<td>Theory of Planned Behaviour</td>
<td>38</td>
</tr>
<tr>
<td>Figure 2.4</td>
<td>Purchase Intention (Green): Model 1</td>
<td>50</td>
</tr>
<tr>
<td>Figure 2.5</td>
<td>Green Purchase Intention: Model 2</td>
<td>51</td>
</tr>
<tr>
<td>Figure 2.6</td>
<td>Purchase Intention (Green): Model 3</td>
<td>51</td>
</tr>
<tr>
<td>Figure 2.7</td>
<td>Intention to Buy Organic Food: Model 4</td>
<td>52</td>
</tr>
<tr>
<td>Figure 2.8</td>
<td>Green Purchase Intention: Model 5</td>
<td>52</td>
</tr>
<tr>
<td>Figure 2.9</td>
<td>Purchase Intention (Green): Model 6</td>
<td>53</td>
</tr>
<tr>
<td>Figure 2.10</td>
<td>Green Purchase Intention: Model 7</td>
<td>53</td>
</tr>
<tr>
<td>Figure 2.11</td>
<td>Green Purchase Intention: Model 8</td>
<td>54</td>
</tr>
<tr>
<td>Figure 2.12</td>
<td>Green Purchase Intention: Model 9</td>
<td>54</td>
</tr>
<tr>
<td>Figure 2.13</td>
<td>Purchase Intention: Model 10</td>
<td>55</td>
</tr>
<tr>
<td>Figure 2.14</td>
<td>Green Purchase Intention: Model 11</td>
<td>55</td>
</tr>
<tr>
<td>Figure 2.15</td>
<td>Consumers’ Purchase Intention (Green): Model 12</td>
<td>56</td>
</tr>
<tr>
<td>Figure 2.16</td>
<td>Purchase Intention (Green): Model 13</td>
<td>56</td>
</tr>
<tr>
<td>Figure 2.17</td>
<td>Intention to Purchase Green: Model 14</td>
<td>57</td>
</tr>
<tr>
<td>Figure 2.18</td>
<td>Intention Buy Organic Product: Model 15</td>
<td>57</td>
</tr>
<tr>
<td>Figure 2.19</td>
<td>Green Purchase Intention: Model 16</td>
<td>60</td>
</tr>
<tr>
<td>Figure 2.20</td>
<td>Green Consumption Behavioural Intention: Model 17</td>
<td>61</td>
</tr>
<tr>
<td>Figure 2.21</td>
<td>Purchase Intention (Green): Model 18</td>
<td>61</td>
</tr>
</tbody>
</table>
Figure 2.22  Purchase Intention (Green): Model 19  62
Figure 2.23  Intention to Purchase (Green): Model 20  62
Figure 2.24  Green Purchase Intention (Green): Model 21  63
Figure 2.25  Purchase Intention (Green): Model 22  63
Figure 2.26  Behavioural Intention (Green): Model 23  64
Figure 2.27  Behavioural Intention (Green): Model 24  64
Figure 2.28  Behavioural Intention (Green): Model 25  65
Figure 2.29  Green Purchase Intention: Model 26  65
Figure 2.30  Green Purchase Intention: Model 27  66
Figure 2.31  Environmentally Savvy Products (Green): Model 28  66
Figure 2.32  Intention to Buy Green: Model 29  67
Figure 2.33  Purchase Intention (Green): Model 30  67
Figure 2.34  Intentions to Buy Green Mobiles: Model 31  68
Figure 2.35  Determinants of Green Trust in previous studies  113
Figure 3.1  Research Framework  126
Figure 5.1  Normality Assumption  217
Figure 5.2  Linearity Assumption  218
Figure 5.3  Homoscedasticity Assumption  219
Figure 5.4  Hypothesized Model  235
Figure 5.5  Generated Model  236
Figure 5.6  Summary of Findings from Generated Model  245
# LIST OF ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMOS</td>
<td>Analysis of Moment Structure</td>
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<tr>
<td>AVE</td>
<td>Average Variance Extracted</td>
</tr>
<tr>
<td>CFA</td>
<td>Confirmatory Factor Analysis</td>
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<td>CFI</td>
<td>Comparative Fit Index</td>
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<tr>
<td>CR(=T)</td>
<td>Critical Ratio (AMOS) (T)-Value (SPSS)</td>
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<tr>
<td>CR</td>
<td>Composite Reliability</td>
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<tr>
<td>CMIN/DF</td>
<td>Chi-Square Per Degree of Freedom</td>
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<tr>
<td>VE</td>
<td>Variance Extracted</td>
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<tr>
<td>DF</td>
<td>Degree of Freedom</td>
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<tr>
<td>EC</td>
<td>Environmental Consciousness</td>
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<td>EFA</td>
<td>Exploratory Factor Analysis</td>
</tr>
<tr>
<td>GFI</td>
<td>Goodness of Fit Index</td>
</tr>
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<td>GOF</td>
<td>Goodness of Fit</td>
</tr>
<tr>
<td>GRN</td>
<td>Government Regulations</td>
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<td>GPV</td>
<td>Green Perceived Value</td>
</tr>
<tr>
<td>GAV</td>
<td>Green Availability</td>
</tr>
<tr>
<td>GTS</td>
<td>Green Trust</td>
</tr>
<tr>
<td>GPST</td>
<td>Green Price Sensitivity</td>
</tr>
<tr>
<td>GPI</td>
<td>Green Purchase Intention</td>
</tr>
<tr>
<td>GM</td>
<td>Generated Model</td>
</tr>
<tr>
<td>MI</td>
<td>Modification Indices</td>
</tr>
<tr>
<td>P</td>
<td>P-value</td>
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<tr>
<td>B</td>
<td>Beta</td>
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<tr>
<td>PBC</td>
<td>Perceived Behavioural Control</td>
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<tr>
<td>(R^2)</td>
<td>R Square (SPSS)</td>
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<tr>
<td>RMSEA</td>
<td>Root Mean Square Error of Approximation</td>
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<td>SIG</td>
<td>Significant</td>
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<tr>
<td>SEM</td>
<td>Structural Equation Modeling</td>
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<td>SMC</td>
<td>Squared Multiple Correlation=(R^2)</td>
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<tr>
<td>SPSS</td>
<td>Statistical Package for Social Science</td>
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<tr>
<td>TLI</td>
<td>Tucker-Lewis Index</td>
</tr>
<tr>
<td>TPB</td>
<td>Theory of Planned Behaviour</td>
</tr>
<tr>
<td>TRA</td>
<td>Theory of Reasoned Action</td>
</tr>
<tr>
<td>(\chi^2)</td>
<td>Chi-Square</td>
</tr>
<tr>
<td>PNFI</td>
<td>Parsimonious Normed Fit Index</td>
</tr>
</tbody>
</table>
LIST OF APPENDIX

Appendix A  Summary of Direct Determinants of Green Purchase Intention
Appendix B  Summary of Direct Determinants of Purchase Intention in Non-Green
Appendix C  Questionnaires Used for Actual Data Collection
Appendix D  Exploratory Factor Analysis Result Actual Data
Appendix E  Demographic Profile of Respondents
Appendix F  Test for Normality of Actual Data
Appendix G  Missing Data Output
Appendix H  Reliability of Construct for Actual Data
Appendix I  Confirmatory Factor Analysis Results for Actual Data
Appendix J  Generated Model Output
Appendix K  Bootstrapping Output
CHAPTER ONE
INTRODUCTION

1.0 Preambles

This chapter introduces the background and the main issues of this study. The issues are centred on low level of green purchase intention, environmental problems such as oil spillage, flood, waste pollution, desertification and deforestation which connote the lack of environmental consciousness and weak government regulation, lack of trust on green products, low knowledge and awareness towards green products. Furthermore, it covers the statement of the problems which are the bedrock of this study; research questions, objectives, significance of the research, justifications, scope, contributions and the chapter plan.

1.1 Background of the Study

In recent times, concern for the environment has increased steadily across the globe and has translated into consumers’ awareness which is portrayed in their nutrition, health and quality of food in terms of purchase and consumption as most of them are now connecting the dots to their main lifestyle. The demands for green product became inevitable (Ali & Ahmad, 2012; Chen, 2010; Kalafatis, Polland, East & Tsogas, 1999; Paco & Raposo, 2009; Rashid, 2009), thus, the birth of green consumers.

Taking a look at what happens globally, there has been incessant increase in consumers who are environmentally concerned and this in turn has led to a drastic growth of green products market (Hunt & Dorfman, 2009). Gupta and Ogden (2009)
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325


