

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



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CETIFICATION OF THESIS WORK





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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 ketersediaan 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 didapati 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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TABLE OF CONTENTS

Title	Page
TITLE PAGE	i
CERTIFICATION OF THESIS WORK	ii
PERMISSION TO USE	iv
ABSTRACT	v
ABSTRAK	vi
ACKNOWLEDGMENTS	vii
TABLE OF CONTENTS	ix
LIST OF TABLES	xxiii
LIST OF FIGURES	xxvi
LIST OF ABBREVIATIONS	xxviii
LIST OF APPENDIX	xxix
CHAPTER ONE: INTRODUCTION	1
1.0 Preambles	1
1.1 Background of the Study	1
1.2 Problem Statement	4
1.2.1 Low Level of Green Purchase Intention	4
1.2.2 Weak Enforcement of Government Regulation	8
1.2.3 Low level of Environmental Consciousness	10
1.2.4 Lack of Trust on Green Products	12
1.2.5 Limited Studies on the Mediating Effects of Perceived Behavioural Control, Environmental Consciousness and Green Trust in Green	14
1.3 Research Questions	16
1.5 Research Objectives	17
1.6 Significance of the Research	19

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	60
2.7	Direct Determinants of Green Purchase Intention	69
2.8	Review of Past Studies on Determinants of Green Purchase Intention	76
2.8.1	Perceived Behavioural Control and Green Purchase Intention	77
2.8.2	Environmental Consciousness and Green Purchase Intention	79
2.8.3	Green Trust and Green Purchase Intention	84
2.8.4	Perceived Green Knowledge and Green Purchase Intention	87
2.8.5	Government Regulations and Green Purchase Intention	92
2.8.6	Green Perceived Value and Green Purchase Intention	94
2.8.7	Green Price Sensitivity and Green Purchase Intention	96
2.8.8	Green Availability and Green Purchase Intention	100
2.9	Other Direct Determinants of Green Purchase Intention	102
2.10	Determinants of Perceived Behavioural Control	103
2.10.1	Perceived Green Knowledge and Perceived Behavioural Control	104
2.10.2	Government Regulation and Perceived Behavioural Control	104
2.10.3	Green Trust and Perceived Behavioural Control	105
2.10.4	Green Price Sensitivity and Perceived Behavioural Control	105
2.10.5	Perceived Green Value and Perceived Behavioural Control	106
2.10.6	Green Availability and Perceived Behavioural Control	106
2.11	Determinants of Environmental Consciousness	108
2.11.1	Perceived Green Knowledge and Environmental Consciousness	108
2.11.2	Government Regulations and Environmental Consciousness	108
2.11.3	Green Perceived Value and Environmental Consciousness	109
2.12	Determinants of Green Trust	110
2.12.1	Green Perceived Value and Green Trust	110

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

3.2.12	Green Perceived Value and Environmental Consciousness	135
3.2.13	Green Perceived Value and Green Trust	136
3.2.14	Green Price Sensitivity and Green Trust	137
3.2.15	Green Availability and Green Trust	137
3.2.16	Green Trust and Perceived Behavioural Control	138
3.2.17	Green Price Sensitivity and Perceived Behavioural Control	138
3.2.18	Green Perceived Value and Perceived Behavioural Control	139
3.2.19	Green Availability and Perceived Behavioural Control	140
3.2.20	Perceived Green Knowledge and Environmental Consciousness	140
3.2.21	Perceived Behavioural Control mediates between Perceived Green Knowledge and Green Purchase Intention	141
3.2.22	Perceived Behavioural Control mediates between Government Regulations and Purchase Intention	142
3.2.23	Perceived Behavioural Control mediates between Green Price Sensitivity and Green Purchase Intention	142
3.2.24	Perceived Behavioural Control mediates between Green Availability and Green Purchase Intention	143
3.2.25	Perceived Behavioural Control mediates the relationship between Green Trust and Green Purchase Intention	144
3.2.26	Environmental Consciousness mediates the relationship between Government Regulation and Green Purchase Intention	144
3.2.27	Environmental Consciousness mediates the relationship between Perceived Value and Green Purchase Intention	145
3.2.28	Environmental Consciousness mediates between Perceived Green Knowledge and Green Purchase Intention	145

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	161
4.7	Measurement of Constructs	162
4.7.1	Green Purchase Intention (GPI)	164
4.7.2	Perceived Behavioural Control (PBCL)	165
4.7.3	Environmental Consciousness (ECC)	165
4.7.4	Green Trust (GTST)	166
4.7.5	Perceived Green Knowledge (PGKL)	167
4.7.6	Green Perceived Value (GPV)	167
4.7.7	Green Price Sensitivity (GPST)	168
4.7.8	Government Regulations (GRN)	168
4.7.9	Green Availability (GAV)	169
4.8	Pre-Test of Questionnaires	170
4.9	Exploratory Factor Analysis	171
4.9.1	Factor Analysis for Independent Variable of Pilot Study	172
4.9.2	Factor Analysis for Dependent Variable	172
4.9.3	Bartlett's Test and Kaiser-Meyer-Olkin (KMO)	173
4.10	Response Bias	173
4.11	Demographic Profile	174
4.12	Data Screening	174
4.12.1	Missing Data	175
4.12.2	Detecting Outliers	176
4.12.3	Normality Test	177
4.12.4	Descriptive Statistics of Data	178
4.12.5	Test of Linearity	179
4.12.6	Homoscedasticity	180

4.12.7	Multicollinearity	180
4.13	Test of Reliability	181
4.13.1	Reliability (Cronbach Alpha)	181
4.13.2	Composite Reliability	183
4.14	Test of Validity	183
4.14.1	Content (face) Validity	184
4.14.2	Construct Validity	185
4.14.3	Convergent validity	185
4.15	Discriminant Validity	186
4.16	Method of Data Analysis	187
4.16.1	Structural Equation Modeling (SEM)	187
4.16.2	The Rationale for using Structural Equation Modeling	188
4.16.3	Types of Error In Structural Equation Modeling	192
4.16.4	Types of Variables used in Structural Equation Modeling	193
4.16.5	Steps in Structural Equation Modeling Analysis	194
4.16.5.1	Model Conceptualizing	194
4.16.5.2	Identification of Parameters	195
4.16.5.3	Model Specification	196
4.16.5.4	Estimation of Model	198
4.16.5.5	Model modification	199
4.16.5.6	Evaluation of Parameters	200
4.17	Estimation of Model Fit	202
4.17.1	Absolute Fit Indices	203
4.17.2	Incremental Fit Index	203
4.17.3	Parsimony Fit Indices	203

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	258
6.2.2.1 Green Trust and Green Purchase Intention	258
6.2.2.2 Perceived Green Knowledge and Green Purchase Intention	259
6.2.2.3 Government Regulation and Green Purchase Intention	259
6.2.2.4 Green Perceived Value and Green Purchase Intention	260
6.2.2.5 Green Price Sensitivity and Green Purchase Intention	261
6.2.2.6 Green Availability and Green Purchase Intention	261
6.3 Objective Two: Discussion on the Determinants of Perceived Behavioural Control	262
6.3.1 Significant Determinants of Perceived Behavioural Control among Nigerian Consumers	262
6.3.1.1 Green Trust and Perceived Behavioural Control	262
6.3.1.2 Green Price Sensitivity and Perceived Behavioural Control	263
6.3.1.3 Green Perceived Value and Perceived Behavioural Control	263
6.3.2.1 Perceived Green Knowledge and Perceived Behavioural Control	264
6.3.1.2 Government Regulations and Perceived Behavioural Control	265
6.4 Objective Three: Discussion on Determinants of Environmental Consciousness in Nigeria	266
6.4.1 Significant Determinant of Environmental Consciousness	266
6.4.1.1 Perceived Green Knowledge and Environmental consciousness	266
6.4.1.2 Government Regulations and Environmental Consciousness	267
6.4.1.3 Green Perceived Value and Environmental Consciousness	268
6.5 Objective Four: Discussion on the Determinants of Green Trust among Nigerian Consumers	269

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

6.8.4.2	Winning the Consumer's Heart	290
6.8.4.3	Promotion Strategy	291
6.8.4.4	Variety of Green Products	292
6.9	Limitation of the Study	294
6.11	Suggestions for Future Research	297
6.12	Conclusion of the Study	299
REFERENCES		301



List of Tables

Table	Page
Table 1.1 Green Purchase Behaviour by Region	7
Table 1.2 Summary of Research Problems, Research Questions and Research Objectives	19
Table 2.1 Theory of Planned Behaviour Applied in Green Purchase Intention Studies	46
Table 2.2 Summary of Relationship on the Direct Determinants of Green Purchase Intention with Findings	71
Table 2.3 Summary of Studies on Perceived Behavioural Control and Green Intention	79
Table 2.4 Summary of Studies on Environmental Consciousness and Green Purchase Intention	84
Table 2.5 Summary of Studies Showing Relationship between Green Trust and Green Purchase Intention	87
Table 2.6 Summary of studies showing Relationship between Green Knowledge and Green Purchase Intention	91
Table 2.7 Summary of studies on the relationship between Government Regulations and Green Purchase Intention	94
Table 2.8 Summary of studies showing the Relationship between Perceived Value and Green Purchase Intention	96
Table 2.9 Summary of Studies showing Relationship between Green Price Sensitivity and Green Purchase Intention	99
Table 2.10 Summary of studies showing Relationship between Availability and Green Purchase Intention	101

Table 2.11	Summary of Determinants of Perceived Behavioural Control	107
Table 2.12	Summary of Determinants of Green Trust	112
Table 2.13	Mediating Variables	114
Table 2.14	Mediating Effect of Perceived Behavioural Control	117
Table 2.15	Mediating Effect of Environmental Consciousness	119
Table 2.16	Mediating Effect of Green Trust	120
Table: 3.1	Operational Definitions	149
Table 4.1	Rule of Thumb for Sample Size	157
Table 4.2	Sample Size Distribution of Questionnaire	158
Table 4.3	Summary of Construct, Items and Reliability Values of Pilot study and Past studies	160
Table 4.4	Green Purchase Intention Construct (GPI)	165
Table 4.5	Perceived Behavioural Control Construct (PBCL)	165
Table 4.6	Environmental Consciousness Construct (ECC)	166
Table 4.7	Green Trust Construct (GTST)	166
Table 4.8	Perceived Green Knowledge (PGKL)	167
Table 4.9	Green Perceived Value Construct (GPV)	167
Table 4.10	Green Price Sensitivity Construct (GPST)	168
Table 4.11	Government Regulations Construct (GRN)	169
Table 4.12	Green Availability Construct (GAV)	169
Table 4.13	Summary of Measurement Items	170
Table 4.14	Summary of Goodness of Fit Indices and Criterion	205
Table 5.1	Summary of Response Rate	209
Table 5.2	T- Test to Compare between Knowledgeable and Non-knowledgeable Respondents	210

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

Figure	Page
Figure 1.1 Chapter Plan of the Study	25
Figure 2.1 Green Products Types	32
Figure 2.2 Stages in Green Marketing History	35
Figure 2.3 Theory of Planned Behaviour	38
Figure 2.4 Purchase Intention (Green): Model 1	50
Figure 2.5 Green Purchase Intention: Model 2	51
Figure 2.6 Purchase Intention (Green): Model 3	51
Figure 2.7 Intention to Buy Organic Food: Model 4	52
Figure 2.8 Green Purchase Intention: Model 5	52
Figure 2.9 Purchase Intention (Green): Model 6	53
Figure 2.10 Green Purchase Intention: Model 7	53
Figure 2.11 Green Purchase Intention: Model 8	54
Figure 2.12 Green Purchase Intention: Model 9	54
Figure 2.13 Purchase Intention: Model 10	55
Figure 2.14 Green Purchase Intention: Model 11	55
Figure 2.15 Consumers' Purchase Intention (Green): Model 12	56
Figure 2.16 Purchase Intention (Green): Model 13	56
Figure 2.17 Intention to Purchase Green: Model 14	57
Figure 2.18 Intention Buy Organic Product: Model 15	57
Figure 2.19 Green Purchase Intention: Model 16	60
Figure 2.20 Green Consumption Behavioural Intention: Model 17	61
Figure 2.21 Purchase Intention (Green): Model 18	61

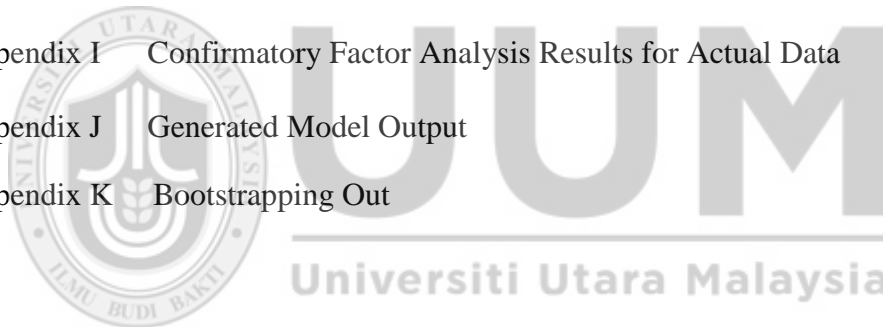
Figure 2.22	Purchase Intention (Green): Model 19	62
Figure 2.23	Intention to Purchase (Green): Model 20	62
Figure 2.24	Green Purchase Intention (Green): Model 21	63
Figure 2.25	Purchase Intention (Green): Model 22	63
Figure 2.26	Behavioural Intention (Green): Model 23	64
Figure 2.27	Behavioural Intention (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

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

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 Out



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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