



**DETERMINING FACTORS ON INVESTORS
CHOICE AND INTENTION TOWARDS
INVESTING IN SHARIAH COMPLIANT PUBLIC
EQUITY FUNDS IN MALAYSIA**

ABDULGHANI PADUNGRAKSART

Doctor of Philosophy in Islamic Banking and Finance

Centre for Islamic Finance Education and Research

**UNIVERSITI ISLAM ANTARABANGSA SULTAN
ABDUL HALIM MU'ADZAM SHAH
(UniSHAMS)**

2022/1443H

**DETERMINING FACTORS ON INVESTORS
CHOICE AND INTENTION TOWARDS
INVESTING IN SHARIAH COMPLIANT PUBLIC
EQUITY FUNDS IN MALAYSIA**

**ABDULGHANI PADUNGRAKSART
A1510850P01**

**Thesis Submitted to
Universiti Islam Antarabangsa Sultan Abdul Halim
Mu'adzam Shah (UniSHAMS),
in Fulfilment of the Requirement for the
Doctor of Philosophy in Islamic Banking and Finance**

DECLARATION

I am, MR. ABDULGHANI PADUNGRAKSART confirms that, my PhD research entitled: DETERMINING FACTORS ON INVESTORS CHOICE AND INTENTION TOWARDS INVESTING IN SHARIAH COMPLIANT PUBLIC EQUITY FUNDS IN MALAYSIA (Number of words 66327 and pages 221), I have read and understood the Rules and Regulations of Universiti Islam Antarabangsa Sultan Abdul Halim Mu'adzam Shah (UniSHAMS) concerning plagiarism. I confirm that all the materials presented are my own work and that any quotation or paraphrase from the published or unpublished work of another person has been duly acknowledged.

Signature :

Matrix Number : A1510850P01

Date : 1443H/2022

ACKNOWLEDGEMENT

All Praise to Almighty Allah with Who's grace good actions are efficiently completed and His peace and blessings be upon the Prophet Muhammad, his family, his companions and their followers till the Day of Judgment.

I firstly consider this work as a fruit of my admirable Mom: **Hjh Che Embong Binti Mat Ali**; she is essential source of my life. May Allah admit her in Jannatul Firdaws and grant my mother with long life and good place in the second step of life (Alam Akhirah). I also would like to extend my gratitude to all **my beloved wives and daughters** especially **Hjh. Jawahir Binti Ismail (My Beloved Wife)** for their supports and remarkable patience. May Almighty Allah bless them and put barakahs in their studies and lives. I would like to expand this gratitude to all my family members, relatives and my best friends who always give me a good support in this study. May Allah reward them and bless them all.

I should also appreciate **UniSHAMS** and its faculties, particularly **Kulliyah Muamalat**, also the **Center for Islamic Finance Learning and Research (UniShams-CIFER)** for providing successful and precious programs for the students' developments. I pray to Allah to bless their efforts for the benefits of the humanity.

I would like to extend my gratitude to my supervisors: **Assoc. Prof. Dr. Wan Nazjmi Bin Mohamed Fisol** who could not complete this task for some reasons. I consider the success of this PhD as an effort of him alone, who started supervising me at a difficult moment of this research and he was always available with his advice and guidance. May Allah reward him the best future in lives. And I also would like to thank to **Assoc. Prof. Dr. Azhar Bin Hj. Ahmad (UKM)** and **Assoc. Prof. Dr. Muhammad Nasri Bin Md Hussain (UUM)** as external examiners for this thesis, and besides that, I also would like to thank to **Assoc. Prof. Dr. Yusof Bin Othman (UniSHAMS)** as an internal examiner, who give me good guidance to complete this thesis. May Allah reward them and bless their families.

May Almighty Allah make this work fruitful for the humanity and put *barakats* in their endless efforts for the development of Muslim countries. *Wa Jazaakumullahu Khairan* for this important missions.

ABSTRACT

This study aims to analyze the empirical effect of Perceive Compatibility intermediaries on the investors' intention towards investing in *Shari'ah* compliant equity funds in Malaysia. Public equity fund is an asset class where individuals or organizations can buy ownership in shares or stock of a company through a public market such as the Kuala Lumpur Stock Exchange or through the fund management companies. In the Malaysian Capital Market today, there exist two categories of public equities; one is the conventional equity fund and the other is the *Shari'ah* compliant equity fund or classified as Islamic equity funds. This study concerns with the *Shari'ah* compliant public equity funds and for the purpose of this study, the term *Shari'ah* Compliant Public Equity Investment shall be used interchangeably with the Islamic Public Equity Investment as both express similar connotation; differentiating it from the conventional or non-Islamic based public equity investments. The phenomenal growth of the Islamic financial system globally has undoubtedly provided positive implications on the Islamic investment equity market. *Shari'ah* compliant public equity funds market, despite being in the development stage, is regarded as "one of the fastest growing sectors within the Islamic financial system compared with less than ten (10) *Shari'ah* compliant equity funds in 1995, whereas currently there are more than 500 *Shari'ah* compliant equity funds worldwide, with net asset value (NAV) in excess of USD1.5trillion, and enjoying an average annual growth rate of between 12-15% from 2000 to 2018. In evaluating investors' intention, this study employs a combination of both Theory of Reasoned Action (TRA) and Planned Behaviour (TPB) models as its underpinning theoretical framework as both theories have been widely used by past researchers within the similar areas of researches. The specific aim is to determine which one of the variables used in this study; Attitude, Subjective Norm, Perceived Behaviour Control, Level of knowledge and Awareness, and the Perceive Compatibility has the greatest influence on the investors' intention to invest in the *Shari'ah* compliant public equity funds in Malaysia. As a new contribution to the academic literature, this study examines the mediating role of Perceive Compatibility in determining the investors' intention. The approach to this study is through the survey analysis in obtaining the primary data on investors' intention to invest and a total of 240 valid samples from the Klang Valley area were gathered and the data were analysed using the SPSS software. This study has developed a model to measure customers' intention towards investing in *Shari'ah* compliant public equity funds. The objectives of the proposed model are to explore the dimensions of the Theory of Planned Behaviour (TPB) with the integration of Islam component variable to assess the robustness of TPB with attitude, subjective norm, perceived behavioural control (PBC), knowledge and *Shari'ah* compliance in influencing customers behaviour intention towards *Shari'ah* compliant public equity investments. The results showed that Perceive Compatibility has strengthened the investors' intention while two constructs i.e. Attitude, Perceive Behaviour Control and are also significant with the intention towards *Shari'ah* compliant public equity investment. However, subjective norms, and knowledge are not significant with intention towards such investments. This study will contribute to new strategies of promoting and marketing *Shari'ah* compliant Islamic capital market products. The findings of this study revealed contrary to popular belief and market expectation, it is proven that the expected rate of return to investment and risk appetite have not been the major criteria for investors' choice in investing in *Shari'ah* compliant public equity fund in Malaysia.

ABSTRAK

Kajian ini bertujuan untuk menganalisis kesan empirikal perantaraan keserasian terhadap niat pelabur untuk melabur dalam dana ekuiti yang sesuai dengan Shar'iah di Malaysia. Dana ekuiti awam adalah kelas aset di mana individu atau organisasi boleh membeli dan memiliki saham pelaburan atau memiliki saham syarikat melalui pasaran awam seperti Bursa Saham Kuala Lumpur (BSKL) atau melalui syarikat pengurusan dana. Pada Pasaran Modal Malaysia hari ini, terdapat dua kategori ekuiti awam; satu adalah dana ekuiti konvensional dan yang lain adalah dana ekuiti patuh Syari'ah atau diklasifikasikan sebagai dana ekuiti Islam. Kajian ini berkaitan dengan dana ekuiti awam yang patuh Syari'ah dan untuk tujuan kajian ini, istilah Pelaburan Ekuiti Awam Patuh Syari'ah hendaklah digunakan secara bergantian dengan Pelaburan Ekuiti Awam Islam kerana keduanya menyatakan konotasi yang serupa; yang membezakannya dengan pelaburan ekuiti awam berasaskan konvensional atau bukan Islam. Inilah yang menumbuhan sistem Kewangan Islam secara fenomenal atau secara global yang telah memberikan implikasi positif terhadap pasaran Ekuiti Pelaburan Islam. Pasaran dana ekuiti awam yang patuh syariah walaupun berada di tahap pengembangan dianggap sebagai "salah satu sektor yang paling cepat berkembang dalam sistem kewangan Islam dibandingkan dengan sepuluh (10) dana ekuiti patuh Shari'ah yang ada pada tahun 1995, yang mana pada saat ini ada lebih banyak dari 500 dana ekuiti patuh Syari'ah di seluruh dunia, dengan nilai aset bersih (NAB) melebihi USD1,5 trilion, dan menikmati kadar pertumbuhan tahunan purata antara 12-15% dari tahun 2000 hingga 2018. Dalam menilai niat pelabur tersebut, kajian ini menggunakan gabungan kedua-dua model Theory of Reasoned Action (TRA) dan Theory of Planned Behavior (TPB) sebagai kerangka teori pendukungnya kerana kedua-dua teori telah digunakan secara meluas oleh para penyelidik pada masa lalu dalam bidang penyelidikan yang serupa. Tujuan khusus adalah untuk menentukan mana satu yang boleh mempengaruhi; Sikap, Norma Subjektif, Kawalan Tingkah Laku yang dikehendaki, Tahap Pengetahuan atau Kesedaran, dan Keserasian yang mempunyai pengaruh paling besar terhadap niat para pelabur untuk melabur dalam dana ekuiti awam yang patuh Syari'ah di Malaysia. Sebagai sumbangan baru untuk literatur akademik, kajian ini juga mengkaji peranan mediasi keagamaan dalam menentukan niat pelabur. Pendekatan untuk kajian ini adalah melalui analisis tinjauan dalam mendapatkan data primer mengenai niat investor untuk melabur. Dan sejumlah 240 sampel yang sah dari kawasan Lembah Klang telah diambil dan data telah dianalisis dengan menggunakan perisian SPSS. Kajian ini telah mengembangkan model untuk mengukur niat pelanggan untuk melabur dalam dana ekuiti awam yang mematuhi Shari'ah. Objektif model yang dicadangkan adalah untuk meneroka dimensi Teori Perilaku Terancang (TPB) dengan penyatuan yang boleh mempengaruhi komponen Islam untuk menilai ketahanan TPB dengan sikap, norma subjektif, kawalan tingkah laku yang dirasakan (PBC), pengetahuan atau kesedaran dan keserasian dalam mematuhi Shar'iah serta mempengaruhi niat tingkah laku pelanggan terhadap pelaburan ekuiti awam tersebut. Hasil kajian menunjukkan bahawa Keserasian Pengetahuan atau Kesedaran Keagamaan memang memantapkan niat pelabur sementara dua yang lain juga ikut membina iaitu Sikap dan Kawalan Tingkah Laku dengan ketara terhadap niat para pelabur dalam pelaburan ekuiti awam yang patuh kepada Shar'iah. Walau bagaimanapun, norma dan pengetahuan subjektif tidak begitu jelas ketara terhadap niat para pelabur untuk pelaburan tersebut. Kajian ini akan menyumbang kepada strategi baru untuk mempromosikan dan memasarkan produk Pemodal dalam Pasaran Kewangan Islam yang sesuai dengan Shari'ah. Hasil kajian ini menunjukkan bahawa bertentangan dengan kepercayaan popular dan jangkaan pasaran, terbukti bahawa kadar pulangan pelaburan yang diharapkan dan selera risiko belum menjadi kriteria utama pilihan pelabur untuk melabur dalam dana ekuiti awam yang mematuhi Shari'ah di Malaysia.

TABLE OF CONTENTS

APPROVAL PAGE	ii
DECLARATION.....	iii
ACKNOWLEDGEMENT.....	iv
ABSTRACT.....	v
ABSTRAK	vi
TABLE OF CONTENTS	vii
LIST OF TABLES	xii
LIST OF FIGURES	xiii
LIST OF DIAGRAMS.....	xiv
LIST OF APPENDICES	xv
LIST OF ABBREVIATIONS	xvi
CHAPTER 1 INTRODUCTION	1
1.1 Background of the Study	1
1.2 Statement of Problem.....	9
1.3 Research Questions	11
1.4 Research Objectives.....	12
1.5 How this study differs From The Previous Studies	13
1.6 Significance of Study.....	15
1.7 Scope and Limitations of Study	16
1.8 Organization of Study	17
1.9 Chapter's Summary	18
CHAPTER 2 LITERATURE REVIEWS.....	19
2.1 Introduction.....	19
2.2 Characteristics of <i>Shari'ah</i> Compliant Equity Investment	21
2.3 Bases on which Sharaih Compliant Equity Funds (SCEF) are Premised	22
2.4 Character of <i>Shari'ah</i> Compliant Equity Funds	22
2.5 Legal Authorities	24
2.5.1 The Islamic approach to wealth creation and its management	24
2.5.2 The Framework of Islamic Law	25
2.5.3 The Shuratic (consultative) Process in Shariah Compliant Equity Regulations	29
2.5.4 The Malaysian Public Equity Fund Investment Model	31
2.6 Foundations of Shari'ah Complaint Public Equity Funds	32
2.6.1 The basic foundations	32

2.6.2	Early contributions – ethics and doctrines of Islamic finance and investment	33
2.6.3	Periods in Islamic Finance	34
2.6.4	Recent contributions to Islamic Finance and its impact on Malaysian Shari'ah compliant public equity funds.....	37
2.7	Fundamentals of the Theory of Planned Behaviour	38
2.7.1	General Perspective of TPB	39
2.7.2	Extension from the Theory of Reasoned Action.....	39
2.7.3	Extension of self-efficacy Theory.....	40
2.7.4	Concepts of Key Variables.....	41
2.7.5	Conceptual / Operational Comparison	42
2.7.6	Model	44
2.7.7	Formula	44
2.7.8	Strengths.....	46
2.7.9	Limitations	46
2.7.10	Applications of the theory	47
2.8	Past Literatures on <i>Shariah</i> Compliant Equity Funds	49
2.9	Uses of TPB in Past Studies on Islamic Finance, Islamic Capital Market and Investment.....	50
2.10	Knowledge and Awareness Principles and practices.....	53
2.11	Prohibited elements in Islamic investments.....	54
2.12	Effects of the Prohibition of Riba (Interest)	54
2.13	Avoidance of Gharar and Maysir.....	56
2.14	The Lawful (halal) and the prohibited (haram).....	58
2.15	Literature GAP	60
2.16	Chapter Summary	60
	CHAPTER 3 RESEARCH METHODOLOGY.....	62
3.1	Introduction.....	62
3.2	Research Approach	62
3.3	Theoretical Models Suitable for the Study	63
3.3.1	Theory of Planned Behaviour (TPB)	63
3.3.2	Diffusion of Innovation Theory (DIT).....	66
3.4	Stages of Adoption of a New Products and Services.....	67
3.5	Adoption and Intention to Adopt	70
3.6	Intention and Innovation	71
3.7	Perceived Attributes of Innovation	73
3.8	The Research's Conceptual Model	75
3.8.1	Attitude.....	76

3.8.2	Subjective Norm.....	78
3.8.3	Perceived Behavioural Control	80
3.8.4	Perceived Compatibility.....	81
3.8.5	Compatibility and <i>Shari'ah</i> Compliance	83
3.8.6	Compatibility and Ethical Values	84
3.9	Research Design.....	85
3.10	Population of the Study.....	87
3.11	The Study Samples	88
3.12	Research Design.....	89
3.13	Sample Size Determination.....	90
3.14	Sampling Technique	94
3.15	Secondary Data	95
3.16	Description of Primary Data	95
3.17	Research Instrumentations	96
3.18	Questionnaires Design	97
3.19	Operational Definitions of the Variables	97
3.20	Variable Measurements	98
3.21	Descriptive Analysis	99
3.22	Reliability Test.....	99
3.23	Pearson Correlation Analysis.....	100
3.24	Multiple Regression Analysis	100
3.25	Developing Research Hypotheses.....	102
3.25.1	Relationship between Attitude and intention towards investing in public equity investment based on <i>Shari'ah</i> compliant.....	102
3.25.2	Relationship between Subjective Norm and intention towards investing in public equity investment based on <i>Shari'ah</i> compliant	102
3.25.3	Relationship between Perceived Behavioural Control and intention towards investing in public equity investment based on <i>Shari'ah</i> compliant	103
3.25.4	Relationship between Level of Knowledge & Awareness and intention of inveting in public equity investment based on <i>Shari'ah</i> compliant	103
3.25.5	Relationship between Perceived Compatibility and intention towards investing in public equity investment based on <i>Shari'ah</i> compliant	103
3.25.6	The most influential factors (Attitude, Subjective Norm, Perceived Behavioural Control, Perceived Compatibility and knowledge and awareness) effect on customers intention	

towards investing in public equity investment based on Shari'ah compliant	104
3.26 Chapter Summary	104
CHAPTER 4 DATA ANALYSIS AND FINDINGS	105
4.1 Introduction.....	105
4.2 Pilot Study.....	105
4.2.1 Demographic Profile of Respondents of the Pilot Study	106
4.3 Descriptive Statistics.....	108
4.4 Analysis of Survey Responses	109
4.4.1 Response Rates – the Sample Size.....	110
4.4.2 Respondents Profile	111
4.5 Data Screening and Preliminary Analysis	112
4.5.1 Treatment of Missing Data.....	112
4.5.2 Assumption of Normality.....	113
4.5.3 Test of Linearity	114
4.5.4 Multicollinearity Test.....	114
4.6 Reliability Test.....	115
4.7 Correlations Analysis – Pearson's Correlations	116
4.8 Analysis of Multiple Regression Model	118
4.8.1 Multiple Regression Analysis with Perceive Compatibility as Dependent Variable	121
4.8.2 Multiple Regression Analysis of Full Model on Investors Intention	123
4.9 Testing of Hypotheses.....	125
4.10 Chapter Summary	126
CHAPTER 5 DISCUSSION AND CONCLUSION.....	127
5.1 Introduction.....	127
5.2 Recapitulation of Problem Statement	127
5.3 Recapitulation of Research Questions	128
5.4 Recapitulation of Research Objectives	129
5.5 Summary of Results of Study	129
5.5.1 Answering the Overall Research Questions.....	130
5.5.2 Meeting the Research Objectives.....	136
5.6 Theoretical Implications	137
5.7 Policy Implications	137
5.8 Research Contributions.....	138
5.9 Limitations of the Study.....	138
5.10 Future Research	138

5.11 Final Findings of the Study.....	139
REFERENCES.....	141

LIST OF TABLES

TABLES NO.	TITLE	PAGE
Table 1.1	Calendar Year Returns (%) for Selected Shari'ah Compliant Equity Funds	3
Table 1.2	Annualized Returns on Selected <i>Shari'ah</i> Compliant Public Equity Funds.....	3
Table 1.3	Overall Positions of ALL Types of Investment Funds in Malaysia	5
Table 1.4	Top 10 <i>Shari'ah</i> Compliant Public Equity Funds & Top 10 Returns (2006-2016) up to Feb 2017	6
Table 3.1	Krejcie and Morgan's Table of Sample Determination.....	91
Table 3.2	Operational Definition of the Variables.....	97
Table 4.1	Demographic Profile of Respondents of the Pilot Study (N=50)	107
Table 4.2	Cronbach's Alpha Variables for Pilot Study	108
Table 4.3	Descriptive Statistics of the Variable Constructs.....	109
Table 4.4	Summary of Response Rates	110
Table 4.5	Demographic Variables	111
Table 4.6	Skewness and Kurtosis for Reliability Analysis.....	113
Table 4.7	Multicollinearity Test.....	115
Table 4.8	Reliability Test.....	116
Table 4.9	Pearsons Correlations Co-eficients	117
Table 4.10	Model Summary.....	119
Table 4.11	Analysis of Variance ANOVA without Mediating Variable (PC)	120
Table 4.12	ANOVA without Perceive Compatibility (PC)	121
Table 4.13	Model Summary (Perceive Compatibility as DV)	122
Table 4.14	ANOVA (Perceive Compatibility as DV)	122
Table 4.15	Coefficients of Regression (Perceive Compatibility as DV)	122
Table 4.16	Model Summary.....	123
Table 4.17	ANOVA analysis	123
Table 4.18	Coefficients of Regression and Significance p Values	124
Table 4.19	Hypothesis Testing.....	125
Table 5.1	Summary of Hypothesis Testing.....	130
Table 5.2	Model Summary.....	132

LIST OF FIGURES

FIGURES NO.	TITLE	PAGE
Figure 2.1	The epistemological framework of Islamic ethical investment	27
Figure 2.2	The Shuratic prosess applied by the SCM in IEF regulation.....	30
Figure 3.1	Variables Determining the Rate of Adoption	69

LIST OF DIAGRAMS

DIAGRAM NO.	TITLE	PAGE
Diagram 3.1	Essential Elements in TPB Model (Ajzen, 1991).....	65
Diagram 3.2	Research Conceptual Model	76

LIST OF APPENDICES

APPENDICES NO.	TITLE	PAGE
APPENDIX 1 Questionnaires.....		194