

UNIVERSITI PUTRA MALAYSIA

SHARIAH DISCLOSURE AND ITS EFFECT ON FINANCIAL PERFORMANCE OF MALAYSIAN SMEs

AIN FARAHIN BINTI NOOR AZMAN

SPE 2020 44



SHARIAH DISCLOSURE AND ITS EFFECT ON FINANCIAL PERFORMANCE OF MALAYSIAN SMEs

By

AIN FARAHIN BINTI NOOR AZMAN

Thesis Submitted to the School of Graduate Studies, Universiti Putra Malaysia, in Fulfilment of the Requirements for the Degree of Master of Science

January 2020

All material contained within the thesis, including without limitation text, logos, icons, photographs and all other artwork, is copyright material of Universiti Putra Malaysia unless otherwise stated. Use may be made of any material contained within the thesis for non-commercial purposes from the copyright holder. Commercial use of material may only be made with the express, prior, written permission of Universiti Putra Malaysia.

Copyright © Universiti Putra Malaysia



Abstract of thesis presented to the Senate of Universiti Putra Malaysia in fulfilment of the requirement for the Degree of Master of Science

SHARIAH DISCLOSURE AND ITS EFFECT ON FINANCIAL PERFORMANCE

OF MALAYSIAN SMEs

By

AIN FARAHIN NOOR AZMAN

January 2020

Chair Faculty : Dr Zaidi Mat Daud, PhD : Economics and Management

Shariah disclosure has become an important aspect in a Small-Medium Enterprises (SMEs). The disclosure of shariah information would enhance the transparency and accountability of SMEs towards its stakeholders which in return helps promote the long term profitability and sustainability. Thus, the objectives of this study are to: (1) examine the extensiveness of Shariah disclosure and (2) investigate the relationship between Shariah disclosure on product and services, financing, earnings and expenditure, social functions and environment and its effect on financial performance of SMEs in Malaysia. In total, 131 respondents comprised of owners and top management of SMEs in the state of Selangor, Kedah, Pahang, and Johor. The questionnaire was developed based on Shariah Index for Islamic Social Reporting and the data was analysed using multiple regression.

The findings indicated that Shariah disclosure on financing found to have significant relationship on the financial performance of SMEs. In contrast, products and services, earning and expenditure, social functions and environment were found to have no significant relationship on the financial performance of SMEs. The results also show that working environment for workers was disclosed extensively by SMEs while, earning expenditure on non-Shariah compliant the disclosure was less extensive.

The results of the study would be useful to SMEs and policy-makers in Malaysia for example, the SME Corp. The relevant agencies or government should come out with new guidelines with regard to Shariah disclosure for safeguarding stakeholders' interest.

Abstrak tesis yang dikemukakan kepada Senat Universiti Putra Malaysia sebagai memenuhi keperluan untuk Ijazah Sarjana Sains.

PENDEDAHAN SYARIAH DAN KESAN KEPADA PRESTASI KEWANGAN

IKS DI MALAYSIA

Oleh

AIN FARAHIN NOOR AZMAN

Januari 2020

Pengerusi Fakulti : Dr Zaidi Mat Daud, PhD : Ekonomi dan Pengurusan

Pendedahan Syariah telah menjadi satu aspek penting dalam Industri Kecil Sederhana (IKS). IKS yang komited terhadap ketelusan dan akauntabiliti menunjukkan bahawa pendedahan Syariah membantu mempromosikan keuntungan jangka panjang pelaburan mereka. Walau bagaimanapun, tidak semua IKS di Malaysia mengamalkan pendedahan Shariah dalam laporan tahunan mereka. Oleh itu, objektif kajian ini adalah untuk: (1) memeriksa keberkesanan pendedahan Syariah dan (2) menyelidiki hubungan antara pendedahan Syariah ke atas produk dan perkhidmatan, pembiayaan, pendapatan dan perbelanjaan, fungsi sosial dan persekitaran dan kesannya terhadap prestasi kewangan IKS di Malaysia. Secara keseluruhan, 131 responden terdiri daripada pemilik dan pengurusan atasan IKS di negerii Selangor, Kedah, Pahang, dan Johor.. Soal selidik itu dibangunkan berdasarkan Indeks Syariah untuk Pelaporan Sosial Islam dan data dianalisis dengan menggunakan analisis regresi berganda.

Penemuan menunjukkan bahawa pendedahan Syariah mengenai pembiayaan didapati mempunyai hubungan yang signifikan ke atas prestasi kewangan IKS. Sebaliknya, produk dan perkhidmatan, pendapatan dan perbelanjaan, fungsi dan persekitaran sosial didapati tidak mempunyai hubungan yang signifikan ke atas prestasi kewangan IKS. Keputusan juga menunjukkan bahawa persekitaran kerja untuk pekerja didedahkan secara besar-besaran oleh IKS sementara, perbelanjaan yang diperolehi daripada ketidakpatuhan terhadap Syariah yang mematuhi pendedahan itu kurang luas.

Keputusan kajian ini berguna kepada IKS dan pembuat dasar di Malaysia, contoh seperti, SME Corp. Agensi berkaitan atau kerajaan harus mengeluarkan garis panduan baru berkenaan dengan pendedahan shariah untuk menjaga kepentingan pihak berkepentingan.

ACKNOWLEDGEMENTS

My first gratitude goes to Allah (s.w.t), the Almighty, worthy of all praises, without whose wish and help, this thesis would not have been completed. I thank Allah for the patience and perseverance given to me for this study to be completed.

I am greatly indebted to my committee, the chairperson Dr Zaidi Md Daud, for constructive criticism, suggestions, guidance, understanding, and encouragement throughout the period of my study, I am grateful. Similarly, my sincere thanks go to the committee member, Assoc Prof Dr Ridzwana Mohd Said for the support and advice.

Furthermore, I would like to thank my parents, my father Prof Madya Dr Haji Noor Azman Ali and my mother Prof Madya Dr Hajjah Fauziah Mahat for all the support and who have work tirelessly for my success and life achievement. I am thankful to both my parents for all their efforts and sacrifices they made to see me succeed in life, thank you, may Allah spare both of you with happier years, good health and abundant rewards here and the hereafter. Not to forget both my parents-in-law, Wan Mohd Kamil and Wan Roslimah and all my brother and sisters for their continuous love, support, understanding and faith in my strength.

Lastly, I am greatly thankful to my husband, Wan Amirul Nizam Wan Mohd Kamil, with his love, patience and understanding that has been given to me during my study. My child, Wan Aidan Asyraf, who has given me joy and happiness in life on the hard times that I have been going through, I wish you Allah blessings.

This thesis was submitted to the Senate of the Universiti Putra Malaysia and has been accepted as fulfilment of the requirement for the degree of Master of Science. The members of the Supervisory Committee were as follows:

Zaidi Mat Daud, PhD Senior Lecturer Faculty of Economics and Management Universiti Putra Malaysia Chairman

Ridzwana Mohd Said, PhD Associate Professor Faculty of Economics and Management Universiti Putra Malaysia (Member)

ZALILAH MOHD SHARIFF, PhD

Professor and Dean School of Graduate Studies Universiti Putra Malaysia

Date:

Declaration by graduate student

I hereby confirm that:

- this thesis is my original work;
- quotations, illustrations and citations have been duly referenced;
- this thesis has not been submitted previously or concurrently for any other degree at any other institutions;
- intellectual property from the thesis and copyright of thesis are fully-owned by Universiti Putra Malaysia, as according to the Universiti Putra Malaysia (Research) Rules 2012;
- written permission must be obtained from supervisor and the office of Deputy Vice-Chancellor (Research and Innovation) before thesis is published (in the form of written, printed or in electronic form) including books, journals, modules, proceedings, popular writings, seminar papers, manuscripts, posters, reports, lecture notes, learning modules or any other materials as stated in the Universiti Putra Malaysia (Research) Rules 2012;
- there is no plagiarism or data falsification/fabrication in the thesis, and scholarly integrity is upheld as according to the Universiti Putra Malaysia (Graduate Studies) Rules 2003 (Revision 2012-2013) and the Universiti Putra Malaysia (Research) Rules 2012. The thesis has undergone plagiarism detection software.

\mathbf{O} :	nature:
510	nature.
Oly	nature.

Date:

Name and Matric No.: <u>Ain Farahin Noor Azman, GS50286</u>

Declaration by Members of Supervisory Committee

This is to confirm that:

 $\overline{\mathbb{C}}$

- the research conducted and the writing of this thesis was under our supervision;
- supervision responsibilities as stated in the Universiti Putra Malaysia (Graduate Studies) Rules 2003 (Revision 2012-2013) are adhered to.

Signature: Name of Chairman of Supervisory Committee:	Dr. Zaidi Mat Daud	
Signature: Name of Member of Supervisory Committee:	Assoc. Prof. Dr. Ridzwana Mohd Said	

TABLE OF CONTENTS

	Page
ABSTRACT	I
ABSTRAK	ii
ACKNOWLEDGEMENTS	lii
APPROVAL	lv
DECLARATION	Vi
LIST OF TABLES	Xi
LIST OF FIGURES	Xii
LIST OF ABBREVIATIONS	xiii

CHAPTER

1

2

INTRO	DUCTIO	ON I LINE AND I NOT	1
1.1	Introdu	ction	1
1.2	Backgr	ound of t <mark>he</mark> study	1
1.3	The Mo	otivation of the study	2
1.4		n Statement	2 3
1.5	Resear	ch Questions	4
1.6	Resear	ch Objectives	4
1.7	Operati	ional Definition	4
	1.7.1	Information Disclosur	5
	1.7.2	Shariah compliance	5
	1.7.3	Small Medium Enterprises	6
		(SMEs)	
	1.7.4	Financial performance	6
1.8	Signific	ance of the Study	7
1.9.	Scope	of the study	7
1.10.	Organiz	zations of Thesis	8
LITER	ATURE	REVIEW	10
2.1	Introdu	ction	10
2.2	SMEs	in Malaysia	10
	2.2.1	Definition of SMEs	10
	2.2.2	Contributions of SMEs to the	11
		Economy	
	2.2.3		13
	2.2.4	Challenges of SMEs	14
	2.2.5	SMEs under Shariah Compliant	16
		concept	
2.3		ation Disclosure	17
	2.3.1	Conventional Perspective of	18
		Information Disclosure	
	2.3.2	Islamic Perspective on Shariah	29
		Disclosure	
2.4	Previou	us Studies on Shariah Disclosure	21

	2.4.1	Shariah Disclosure and SMEs Financial Performance.	21
	2.4.2	Relationship between Shariah Disclosure on Products and Service and Financial	23
	2.4.3	Performance of SMEs. Relationship between Shariah Disclosure on Financing and Financial Performance of	24
	2.4.4	SMEs. Relationship between Shariah Disclosure on Earnings & Expenditure and Financial Performance of SMEs.	24
	2.4.5	Relationship between Shariah Disclosure on Social Functions and Financial Performance of SMEs.	25
	2.4.6	Relationship between Shariah Disclosure on Environment and Financial Performance of SMEs.	25
	2.4.7	Demographic Factors	26
2.5		countability Theory	30
2.6		esearch Framework of the Study	31
2.7		nesis Development	32
2.1	2.7.1	Products and services and	33
		Financial Performance of SMEs	
	2.7.2	Financing and Financial Performance of SMEs	34
	2.7.3	Earnings and Expenditure and Financial Performance of SMEs	35
	2.7.4	Social functions and Financial performance of SMEs	35
	2.7.5	Environment and Financial performance of SMEs	36
2.8	Summ	ary	37
METH	HODOLC)GY	38
3.1	Introdu		38
3.2		rch Paradigm	38
3.3		rch Approach	39
3.4		rch Method	40
0.1	3.4.1	Measuring the extent of	40
	0.7.1	information disclosure in	-0
2 F	Data a	company ollection method and tools	40
3.5			-
3.6	-	e Selection	41
3.7		onnaire Design	43
3.8	Pilot Te		44
3.9	Measu	rement	44

ix

3

 \bigcirc

	3.10 3.11 3.12	Data Analysis 3.10.1 Descriptive analysis 3.10.2 Correlation analysis 3.10.3 Multiple regression analysis Research Process Summary	45 45 45 46 47 48
4	FINDI 4.1 4.2 4.3	NGS AND ANALYSIS Introduction Response rate Results of Descriptive analysis 4.3.1 Profile of Respondents 4.3.2 Measures of Central	49 49 49 49 49 51
	4.4 4.5 4.6 4.7	Tendencies and Dispersion. Normality Test Test of Multicollinearity Reliability Test Data analysis 4.7.1 Pearson Correlation 4.7.2 Descriptive Statistics for Each Item 4.7.3 Multiple Regression Measuring	53 53 54 55 56 57 59
	4.8 4.9	Predictor and Dependent Variable Results of Direct Relationship between Independent variable and dependent variable 4.8.1 Control Variables Summary of the hypothesis Findings	63 64 67
5	DISCU 5.1. 5.2. 5.3. 5.5. 5.6.	JSSIONS AND CONCLUSIONS Introduction Discussions of Findings Contribution of the study Limitations and Recommendations Summary	68 68 68 72 74 74
		75 87 104 105	

х

 (\mathbf{C})

LIST OF TABLES

Table		Page
2.1	Definition of SMEs by Size in Malaysia	11
2.2	Number of SME Establishments by State	13
2.3	Number of SME Establishments by Sector	13
2.4	Summary of hypothesis and expected relationship	37
4.1	The Demographic Profile of the Respondents	50
4.2	Descriptive statistics	52
4.3	Normality Test	54
4.4	Multicollinearity	55
4.5	Reliability Test	55
4.6	Correlations statistics	56
4.7	Descriptive Statistics for Items	57
4.8	ANOVA	60
4.9	Model Summary	61
4.10	Multiple Linear Regression on SMEs financial performance	63
4.11	Control variable of Years of Operation	65
4.12	Control variable of Size of Company	66
4.13	Summary of the finding based on hypothesis	67

 \bigcirc

LIST OF FIGURES

Figure		Page
2.1	Contribution of SMEs to gross domestic product, employment and export.	12
2.2	Research Framework	32
3.1	Data Sampling	42
3.2	Research Process	47



 (\mathbf{G})

LIST OF ABBREVIATIONS

AAOIFI	Accounting and Auditing Organization for Islamic Financial Institution
ACCA	Association of Chartered Certified Accountants
CEO	Chief Executive Officer
CIF	Commercialization Innovation Fund
CSR	Corporate Social Responsibilities
DV	Dependent Variable
EE EN	Earning and Expenditure
F	Financing
GDP	Gross Domestic Products
INCEIF	International Centre for Education in Islamic Finance
IRB	Islamic Retail Banking
IV	Independent Variable
MAHA	Malaysia Agriculture, Horticulture and Agrotourism
MITI	Ministry of International Trade and Industry
NSDC	National Skill Development Corporation
PS SF	Product and Services Social Function
SME	Small-Medium Enterprise
SMIDEC	Small Medium Industries Development Corporation
SPSS	Statistical Package for Social Science
SSFS	Shariah-compliant SMEs Financing Scheme

CHAPTER 1

INTRODUCTION

1.1 Introduction

This chapter introduces the thesis: Shariah disclosure and its effect on financial performance of SMEs. In specific, section 1.1 highlights the background of the study. Section 1.2 focuses on the problem statement. The research questions are in section 1.3, whereas the research objectives are in section 1.4. The operational definitions are explained in section 1.5. Section 1.6 and 1.7 highlights the contribution of the study and scope of the study, and lastly, section 1.8 is the organization of the thesis.

1.2 Background of the study

Small and Medium Enterprises (SMEs) are essential components of the economy in developing countries including Malaysia. According to Hashim (2000), SMEs in Malaysia are expected to contribute 50 percent of the gross domestic product (GDP) in 2020. The exporters of SMEs are mainly in manufacturing sector (57.6%), services (40.6%) and agriculture (1.8%). Based on the statements made by various organizations and ministries over the past decades, the total of SMEs could be in the range of 10,000 to 30,000. Recognising the SMEs potential and future growth to the Malaysian economy, the government of Malaysia has initiated greater efforts in encouraging SMEs to involve in international business (Chelliah, Sulaiman, and Yusoff, 2010). Various efforts are including but not limited to increase allocation of development funds, facilitate financing application, easy market access to small business, capacity building and talent development. Thus, performance of SMEs is vital as it has direct effect on national economic growth.

One aspect that is important in performance of SMEs is Shariah information disclosure in annual reports. According to Abdullah and Hoetoro (2011), it is important to adopt Islamic or Shariah principles as one way to empower SMEs. Usually, adhering to Shariah principles or staying "Shariah compliant" means observing strictly to the permissible (halal) and abstaining from the prohibited (haram) as commanded by God (Azri, Rahman, Mohd, Hafiz, Yaakub, and Long, 2018). When an organization disclose their information to customers such as in

the category of products and services, financing, takaful, stocks, and hotel business they have the trust to involve in it.

Information disclosed must be based on mandatory disclosure and voluntary disclosure. According to Ousama & Fatima (2010), mandatory disclosures are items that companies must disclose because of statutory regulations. Therefore, it is the minimum level of information to be disclosed in the annual reports. Meanwhile, voluntary disclosure is defined as that which is not mandated; thus, it constitutes information additional to statutory requirements (Ousama & Fatima, 2010). Disclosure of information on the Shariah compliant to stakeholders is considered necessary as it can attract and increase confidence among Muslim customers. As such, an organization voluntarily disclosed information to guarantee stakeholders that it is a decent organization, transparent and accountable to its stakeholders.

In the context of public listed companies, the responsibility to monitor the disclosure of Shariah principles in annual reports falls under the Shariah Supervisory Board (SSB). However, for Small Medium Enterprises (SMEs) industries, the disclosure practices are monitored by the Board of Director of the enterprise. Knowing whether the information disclosed is implemented according to the Shariah principles, stakeholders and the manager of SMEs should act according to recommendation by Board of Directors. The Qur'an suggests mankind to involve in activities that are lawful and good and also prevent those that can dispute in the society and harm people and the environment (Mohd-Sanusi, Ismail, Hudayati, and Harjito, 2015).

Those companies whose activities are compliant with the principles of Shariah are classified as the Shariah approved companies. The non-Shariah approved companies usually those companies that involved in activities that contradict to the principles of Shariah, such as debt interest (riba), gambling (maysir), and producing or selling prohibited products or services (Mohd-Sanusi et al., 2015). Therefore, the aim of this research is to look at the importance of information disclosure based on Shariah compliance and its effect on SMEs's financial performance in Malaysia.

1.3 The Motivation of the study

The general motivation of this study is that Shariah information disclosure is one of the aspects that can be used as communication through SME industries of their financial performance. Shariah information disclosure is an important aspect of the screening process of the SME reports. Disclosing all information is also important from the Islamic perspective for people in the societies where they operate. In this regard, products and services, financing, earnings and

expenditure, social functions and environment Shariah information disclosure of SMEs financial statement that this research sought to explore.

In pursuit of this aim, this study primarily examines the extensiveness of Shariah information disclosure and the effect of the financial performance of SMEs in Malaysia. This is to create awareness on the importance of Shariah aspects among SMEs. It is to ensure that the responsibility of every organization towards the Muslim society and stakeholders as Malaysia is known to be one of the Muslim countries in the world.

Another motivation of this study is to alert Muslims on the importance of Shariah aspects in a company. As all Muslims are responsible for living in the world by obeying the rules of God. Industries based on Shariah aspects have the responsibility towards God and society in making sure the guidelines of Shariah aspects are following Islamic law. Therefore, delivering products and information on Shariah aspects is a must. This research motivates the SME owners on the importance of Shariah information disclosure.

Therefore, this study aims to examine the extensiveness of Shariah information disclosure and the effect on the financial performance of SMEs.

1.4 Problem Statement

One dimension that is important in corporate reporting is disclosure of Shariah information to stakeholders especially Muslim decision makers. Haniffa (2002) noted that Shariah information disclosure can be regarded as demonstration of accountability of companies towards stakeholders. In Shariah disclosure, the stress on social justice goes beyond reporting on the environment, minorities interest and employees (Othman et al, 2009). It can include issues related to well being of society such as interest and unfair trading (Sulaiman, 2005), zakat distribution (Othman et al, 2009) and donations (Abu Kassim, 2012). Muslims stakeholders aware of the social responsibility of the company in terms of its halal and haram status, therefore demands more information (Othman et al., 2009).

Prior studies in conventional setting suggest that there is a link between information disclosure practice and company's profitability (Janggu, 2004). Also, in the context of Shariah disclosure of public listed companies, studies suggest that there is a relationship between Shariah disclosure and financial performance (Yusoff, 2018). These studies suggested that profitable companies disclosed more information than the less profitable companies. This implies that the management has acted in the best interest of stakeholders. Similarly, SMEs that run the business according to Shariah are expected to disclose information based on Shariah principles as a means to show accountability towards society.

Being accountable to society means voluntarily disclosing the information that is material to them in decision making. Although there are a number of studies on information disclosure among SMEs in general (Russell, 2015; Srairi, 2015), study that examines the extensiveness of Shariah information disclosure of SMEs in Malaysia and its effect on the financial performance of SMEs in emerging economies is sparse. It is reasonable to argue that examining this Shariah information disclosure by SMEs is also important as it centers on stakeholder's belief especially Muslim's stakeholders in fulfilling their spiritual needs. Indeed, such disclosure may enhance the SMEs' financial performance as evident in past studies within the context of public listed companies.

Moreover, in practice, it seems that SMEs are lacking in the disclosure of Shariah information. Compared to public listed companies in the country, there is a clear reporting standard on how to disclose Shariah information. At present, there is no guideline for SMEs to follow in reporting Shariah information. Thus, SMEs may be unclear on the knowledge of disclosing information on Shariah Compliance. This could be the contributing factor to why it is yet a practice among SMEs. This gap needs to be explored and filled. Therefore, this paper aims to determine the extent of Shariah information disclosure among SMEs in Malaysia. This research is also to see its effect on Shariah information disclosure and the financial performance of SMEs.

1.5 Research Questions

The research questions brought up here are questioning:

i. What is the extensiveness of Shariah information disclosure by SMEs?

ii. What is the relationship between Shariah information disclosure and the financial performance of SMEs?

1.6 Research Objectives

The objectives of the present study are as follows:

i. To examine the extensiveness of Shariah information disclosure among SMEs in Malaysia.

ii. To examine the relationship between Shariah information disclosure and financial performance of SMEs.

1.7 Operational Definitions

The topic for this research is Shariah information disclosure and its effect on performance among SMEs in Malaysia. Based on the topic that has been stated, it means that the information being disclosed among the SMEs in Malaysia is Shariah aspects as it is in line with the Shariah principles. However, each word can be defined in various kinds of ways and different perceptions of other people. The following subsections define the meaning of each word used in this study.

1.7.1 Information Disclosure

Disclosure term, in the widest sense, is meant to provide information. In accounting, the term is used in a more limited way and is meant just presentation of financial information of the company in financial or annual reports. In some cases, the disclosure will be even more limited, and it means the presentation of financial information which is not provided in the financial statements (Hejazi, Rahmani, and Mozafari, 2010). So, disclosure in the most limited definition includes management analysis and discussion, descriptive notes coupled with financial statements, and complementary financial statements. Information disclosure is the center resource efficiency in capital market, and any information would affect investors' decisions should be revealed by companies.

According to Abadi and Janani (2013), definitions of disclosure, discussed mandatory and voluntary disclosure, disclosure levels, and disclosure audience, and at the end, reviewed and determined the relationship between the quality of disclosure and characteristics such as information asymmetry, profit management, capital expenditure, and corporate size.

1.7.2 Shariah compliance

According to Kettel (2011), Shariah is an Arabic word meaning the path to be followed. It is the oath not only leading to Allah but the path believed by all Muslims to be the path shown by Allah, the Creator Himself through His Messenger, the Prophet Muhammad PBUH. It is the way that Muslims are obliged to strive for the implementation of that path, and no other path. Hence Shariah covers not only religious rituals, but also many aspects of everyday life, politics, economics, banking, business or contract law, and social issues.

For Grais and Pellegrini (2006), Shariah compliance practically means four things: (1) not to engage in interest-based transactions; (2) not to conduct a purely financial transaction disconnected from real economic activity; (3) not to participate in a transaction where there is exploitation of any party; and (4) not to participate in activities regarded as harmful to society.

1.7.3 Small Medium Enterprises (SMEs)

According to SME Corp Malaysia (2018), SMEs are independent, non-subsidiary firms that employ less than a given number of employees. There are different given numbers across countries. The most constant upper limit designating an SME is 250 employees, as in the European Union. However, the United States considers SMEs to include firms with fewer than 500 employees and while some other countries set the limit at 200 employees. The definition covers all sectors, namely services, manufacturing, agriculture, construction and mining, and quarrying.

Several full-time employees and sales turnover are the two criteria used in determining the definition with the "or" basis as follows:

1. For the manufacturing sector, SMEs are defined as firms with several full-time employees not exceeding 200 or sales turnover not exceeding RM50 million.

2. For the services and other sectors, SMEs are defined as firms with several full-time employees not exceeding 75 or sales turnover not exceeding RM20 million.

1.7.4 Financial performance

Eshna (2017), stated that financial performance in broader sense refers to the degree to which financial objectives being or has been accomplished and is an important aspect of finance risk management. It is the process of measuring the results of a firm's policies and operations in monetary terms. It is used to measure firm's overall financial health over a given period of time and can also be used to compare similar firms across the same industry or to compare industries or sectors in aggregation.

There are five financial performance measures stated by Pearce, Freeman, and Robinson, (1987), which is the sales, stock prices, earnings per share (EPS), return on equity (ROE), and return on investment (ROI) were adopted as measures for determining the value of formal planning for organization performance. Return on equity (ROE) is a measure of financial performance calculated by dividing net income by shareholders' equity. Because shareholders' equity is equal to a company's assets minus its debt, ROE could be thought of as the return on net assets. Moreover, Return on Investment (ROI) is a performance measure used to evaluate the efficiency of an investment or compare the efficiency of a number of different investments. ROI tries to directly measure the amount of return on a particular investment, relative to the investment's cost. To calculate ROI, the benefit (or return) of an investment is divided by the cost of the investment. The result is expressed as a percentage or a ratio.

1.8 Significance of the Study

This study is significant considering the inconclusiveness of the relationship between Shariah information disclosure and the financial performance of SMEs, as it is a complex issue that various variables have been used to interact with their relationship.

The findings for this study contributes to the extent of knowledge on the Shariah information disclosures among SMEs. This is to see the usefulness of the information that has been disclosed voluntarily according to Shariah aspects. Voluntary disclosure may include information from an Islamic perspective because a reappearance of Islam-led Muslim decision makers expects enterprises to disclose more information that helps them fulfill their spiritual needs and not only limited to conventional disclosure (social or environment).

This study also contributes to the SME industries by highlighting the information that needed to be disclosed by the industries related to Shariah. It provides awareness to the SMEs on the importance of disclosing financing information in their annual report. It gives benefits to the industries on the significance of having an information disclosure within the SMEs according to the Shariah principles because they are sure of the product they are involving in. Therefore, disclosing information on Shariah aspects can affect the financial performance of SMEs.

Moreover, this research helps the regulator or the policymakers in making policies on improving the financial performance of SMEs. This information will lead the regulators and assistance to provide funds and incentives to do training related to Shariah information disclosure. It is hoped that at the end, it will help SMEs in increase the GDP by increasing total production, and regulators to provide more awareness training, campaign to make SMEs known on the production of product produce from their enterprise. There are other factors so that it can give further understanding of whether the level of conventional disclosure is the same as to Islamic disclosure from Shariah-compliant companies. It is useful to prepare financial statements and increase the financial performance of the SMEs.

1.9 Scope of the study

This study is based on its basic area to investigate the extensiveness of the Shariah information disclosure to the financial performance of SMEs and the Shariah information disclosure as the independent variables. Shariah information disclosure is important in enhancing and protecting the Islamic identity of SMEs in Malaysia. Disclosing the information related to Shariah shows

the transparency and accountability of SMEs towards their financial performance. Therefore, this study drew a sample from SMEs through a program set for SMEs according to different regions.

The scope of this study covers certain regions in Malaysia such as the Southern Region (Johor), Eastern Region (Pahang) and Northern Region (Kedah). It is not possible to cover all regions of the entire Malaysia because of the time frame and financial constraints. Data for the studies have been collected from the employees of SMEs in the Northern Eastern Southern region of Malaysia

Furthermore, the studies cover five elements of Shariah information disclosure variables that are products and services, financing, earning and expenditure, social funds, and environment.

1.10 Organizations of Thesis

This section explains the organization of chapters for this study. Chapter One is an introduction to the studies which includes the background of the study focusing on Shariah Information Disclosure, the background of SMEs in Malaysia, the statement of the research problem, the research questions and objectives and the importance of the research are highlighted.

Chapter Two begins with the background of SMEs in Malaysia and followed by the information disclosure that is explained through conventional and Islamic perspectives. The relevant empirical studies are also stated on the independent variables: Shariah information disclosure that is products and services, financing, earning and expenditure, social funds, and environment. The dependent variable: Financial Performance of SMEs; the annual sales and the annual net profit.

Chapter Three discusses the research design, and the study using the quantitative method, research paradigm, research methods, questionnaire design and measurement of data analysis. The data collection method is surveyed by using questionnaires and analyzed using descriptive analysis and regression using SPSS to answer the objective and hypothesis of the research.

Chapter Four presents and discusses the findings of the objectives proposed and the hypothesis, detail of the respondent's profile. Regression result discussion to evaluate the significant impact between the independent and dependent variables, and finally, conclude the overall hypothesis. Chapter Five discusses the summary of the research findings, conclusions, recommendations of the next research and limitations of the study. It overviews the Shariah information disclosure and the financial performance of SMEs.



G

REFERENCES

- AAOIFI (2010). Accounting and Auditing Standards for Islamic Financial Institutions. Bahrain, Manama.
- Abadi, A. C. K., & Janani, M. J. (2013). The role of disclosure quality in financial reporting. European Online Journal of Natural and Social Sciences: Proceedings, 2(3), 439.
- Abd. Rahman, S. A., Yusoff, R., & Wan Mohamed, W. N. (2009). Environmental Disclosure and Financial Performance: An Empirical Study of Malaysia, Thailand, and Singapore. Social and Environmental Accountability Journal, 29(2), 46–58.
- Abdulai, D. (2004). Can Malaysia Transit into The K- Economy. Subang Jaya, Malaysia, Pelanduk.
- Abdullah, M. A. and Hoetoro, A. (2011) Social entrepreneurship as an Instrument on Empowering Small and Medium Enterprises: An IslamicPerspective, International Journal of Management Business Research, 1(1), 35-46.
- Abiodun, B. Y. (2013). The Effect of Firm Size on Firms Profitability in Nigeria. *Journal of Economics and Sustainable Development*, 4(5), 90-94.
- Abu Kasim, N. Aziah (2012). Disclosure of Shariah Compliance by Malaysian Takaful Companies. *Journal of Islamic Accounting and Business Research*, 3(1), 20–38.
- ACCA. MASRA (2011). Retrieved from ACCA Global: Aerts, W., Cormier, D., Gordon, I. M., & Magnan, M. 2006. Performance Disclosure on the Web: An Exploration of the Impact of Managers' Perceptions of Stakeholder Concerns. *The International Journal of Digital Accounting Research*, 6 (12), 159-194.
- Ahmad, N. H. (2007). A Cross-Cultural Study of Entrepreneurial Competencies and Entrepreneurial Success in SMEs in Australia and Malaysia. Doctoral Theses. The *University of Adelaide, Adelaide School of Business, Australia.*
- Ahmad, NH & Seet, P (2009). Dissecting Behaviours Associated with Business Failure: A Qualitative Study of SME Owners in Malaysia and Australia, *Journal of Asian Social Science*, 5 (9), 98-104.
- Ahmed, K. (1993). An Empirical Study of the Quality of Disclosure in Corporate Annual Reports in Developing Countries: The Case of Bangladesh.

- Alam, K. F. (1998). Islam, Ethics and Accounting Practices. Accounting, Commerce, and Finance: *The Islamic Perspective Journal*, 2, (2) 67-85.
- Alam, N. and Rajjaque, M.S. (2010). Shariah-compliant equities: an empirical evaluation of performance in the European market during the credit crunch, *Journal of Financial Services Marketing*, 15 (3), 228-240.
- Ali, A., Gibbs, M., and Camp, R. (2000). Human Resources Strategy: The Ten Commandments Perspective, International Journal of Sociology and Social Policy, 20 (5/6), 114-32.
- Al-Tuwaijri, S. A., Christensen, T. E., & Hughes Ii, K. E. (2004). The Relations Among Environmental Disclosure, Environmental Performance, and Economic Performance: A Simultaneous Equations Approach. Accounting, Organizations and Society, 29(5-6), 447-471.
- Amer, S., & Yahya, S. B. (2014). Development of Accounting Theory Based on Islamic Teachings: A Glance over Principle of Al-Adl and Al-Ihsan. *Development*, 5(4).
- An, Y., Davey, H., & Eggleton, I. R. C. (2011). Towards A Comprehensive Theoretical Framework for Voluntary IC Disclosure. *Journal of Intellectual Capital*, 12(4), 571–585.
- Arasti, Z, Zandi, F & Bahmani, N, (2014). Business Failure Factors in Iranian SMEs: Do Successful and Unsuccessful Entrepreneurs Have Different Viewpoints? *Journal of Global Entrepreneurship Research*, 4 (1), 1-14.
- Aris, N. M. (2006). SMEs: Building Blocks for Economic Growth. Department of National Statistics, Malaysia.
- Azmi, A. C. (2017). Disclosure of Shariah Non-Compliance Income, International Journal of Business and Society, 18, 45–58.
- Azmi, Che A., Ab Aziz, N., Non, N., & Muhamad, R. (2016). Sharia Disclosures. Journal of Islamic Accounting and Business Research, 7(3), 237–252.
- Azri, S., Rahman, A., Mohd, S. I., Hafiz, M., Yaakub, N., & Long, Y. (2018). The Awareness and Practices of Islamic Values in Performance Measurement System (PMS): The Case of a Malaysian Small and Medium Enterprise (SME).
- Baydoun, N. and Willett, R. (1997). Islam and Accounting: Ethical Issues in The Presentation of Financial Information, *Accounting, Commerce & Finance: The Islamic Perspective Journal*, 1 (1), 1-25.
- Berger, P. L., & Luckmann, T. (1967). The Social Construction of Reality: Everything that passes for knowledge in society. London: Allen Lane.

Bertram, D. (2007). Likert scales. Retrieved November, 2, 2013.

- Bhatiasevi, Veera, (2010). The Race Towards a Knowledge-Based Economy a Comparative Study Between Malaysia and Thailand. *International Journal of Business and Management*, 114.
- Bukair, A. A., & Abdul-Rahman, A. (2015). The Effect of the Board of Directors' Characteristics on Corporate Social Responsibility Disclosure by Islamic Banks. *Journal of Management Research*, 7(2), 506–519.
- Bulgarian Stock Exchange (2017) [On-line] https://www.bsesofia.bg/en/information-disclosure.
- Carson, D., Gilmore, A., Perry, C. and Gronhaug, K., (2001). Qualitative Marketing Research. Sage, London.
- Chelliah, S., Sulaiman, M., & Yusoff, Y. (2010). Internationalization and Performance: Small and Medium Enterprises (SMEs) in Malaysia. International Journal of Business and Management, 5(6), 27–38.
- Churchill, W. (1996). From a Native son: Selected Essays in Indigenism, 1985-1995. South End Press, United States.
- Coad, A., Holm, J. R., Krafft, J., & Quatraro, F. (2018). Firm Age and Performance. *Journal of Evolutionary Economics*, 28(1).

Cohen, J. (1992). A Power Primer. Psychological Bulletin, 112(1), 155.

- Cooke, T.E. (1989). Voluntary Corporate Disclosure by Swedish Companies. Journal of International Financial Management and Accounting, 19, 113-124.
- Cormier, D., & Magnan, M. (1999). Corporate Environmental Disclosure Strategies: Determinants, Costs, and Benefits. *Journal of Accounting, Auditing & Finance*, 14(4), 429-451.
- Cowen, S., Ferreri, L. and Parker, L. (1987). The impact of corporate characteristics on social responsibility disclosure: a typology and frequency-based analysis. *Accounting, Organizations and Society*, 12 (2), 111-22.
- Creswell, John W., & Vicki L. Plano Clark. (2007). Designing and Conducting Mixed Methods Research. Sage Publications, Thousand Oaks, United States.
- Dahmash, F. N. (2015). Size effect on company profitability: Evidence from Jordan. *International Journal of Business and Management*, 10(2), 58.

- Dasgupta, S., & Gupta, A. (2003). An Elementary Proof of a Theorem of Johnson and Lindenstrauss. *Random Structures & Algorithms*, 22(1), 60-65.
- Davidsson, P. (1995). Determinants of Entrepreneurial Intentions. Paper Presented at The RENT IX Workshop. 23–24 November, Piacenza, Italy.
- Dawood, M. (2008). Ensuring The Quality of Shariah Advice. Paper presented at MEFX, Dubai Financial Center, Dubai,1-3 June.
- Decker, M., Schiefer, G., and Bulander, R. (2006). Specific Challenges for Small and Medium-Sized Enterprises (SME) In M-Business: A SME-Suitable Framework for Mobile Services. *Proceedings of the International Conference on E-Business (ICE-B 2006).*
- Deegan, C. and Gordon, B. (1996). A study of the environmental disclosures of Australian corporations. *Accounting and Business Research*, 26 (3), 187-199.
- Dierkes, M., and Antal, A.B. (1985). The usefulness and use of social reporting information. *Accounting, Organizations and Society*, 10 (1), 29-34.

Doi, A. R. (1984). Shariah The Islamic Law. London: Ta-Ha Publisher.

- El-Diftar, D., Jones, E., Ragheb, M., & Soliman, M. (2017). Institutional investors and voluntary disclosure and transparency: the case of Egypt. Corporate Governance: *The international journal of business in society*, 17(1), 134-151.
- Embong, Z. (2014). Understanding Voluntary Disclosure: Malaysian Perspective. *Asian Journal of Accounting and Governance*, 5, 15-35.
- Etikan, I., Musa, S. A., & Alkassim, R. S. (2016). Comparison of convenience sampling and purposive sampling. American journal of theoretical and applied statistics, 5(1), 1-4.
- Fatima A.H., Abdullah N, Sulaiman M. (2015). Environmental Disclosure Quality: Examining The Impact of the Stock Exchange of Malaysia's Listing Requirements. *Social Responsibility Journal* 11(4), 904-922.
- Foon, L. S. & Eu-Gene, S. (2006). The Changing of Education in the Globalized World. *Proceedings of Persidangan Kebangsaan IKS 2006*, Kuala Lumpur: Universiti Utara Malaysia.
- Forman, D., Jones, M., & Thistlethwaite, J. (2015). Leadership and Collaboration: Further Developments for Interprofessional Education. Springer.

- Gabriel, D., Sait, S.M., Kunin, W.E. and Benton, T.G., (2013). Food Production Vs. Biodiversity: Comparing Organic and Conventional Agriculture. *Journal* of Applied Ecology, 50(2), 355-364.
- Genty, K. I. (2017). Relationship Between Demographic Factors, and Entrepreneurial Training on Entrepreneurs' Success, (October 2016), 64– 91.
- Grais, W., & Pellegrini, M. (2006). Corporate governance and Shariah compliance in institutions offering Islamic financial services. *The World Bank*.
- Gray, R., Kouhy, R., & Lavers, S. (1995). Corporate Social and Environmental Reporting: A Review of the Literature and A Longitudinal Study of UK Disclosure. *Accounting, Auditing & Accountability Journal,* 8(2), 47-77.
- Hair, J. F., Anderson, R. E., Tatham, R. L., & Black, W. C. (1998). Multivariate Data Analysis. Englewood Cliff. *New Jersey, USA*, 5(3), 207-2019.
- Hair, J. F., Black, W. C., Babin, B. J., Anderson, R. E., & Tatham, R. L. (2006). Multivariate Data Analysis. *Prentice-Hall Pearson Education*.
- Haniffa, R. M. and Cooke, T. E. (2002). Culture, Corporate Governance, and Disclosure in Malaysian Corporations. *Abacus*, 38(3), 317-349.
- Haniffa, R., Hudaib, M., & Mirza, A. M. (2004). Accounting Policy Choice Within the Shari'Ah Islami'lah Framework. *Working Paper*, (02), 1–27.
- Haniffa, R.M. (2002). Social Responsibility Disclosure: An Islamic Perspective, Indonesian Management and Accounting Research Journal, forthcoming.
- Haniffa, R.M. and Hudaib, M.A. (2002). A Theoretical Framework for the Development of the Islamic Perspective of Accounting, Accounting, Commerce & Finance: The Islamic Perspective Journal, forthcoming.
- Harahap, S Syafri. (2003). The Disclosure of Islamic Values Annual Report. The Analysis of Bank Muamalat Indonesia's Annual Report. *Managerial Finance*, 29(7), 70–89.
- Harvie, C. (2004). East Asian SME Capacity Building, Competitiveness and Market Opportunities in A Global Economy. [Online]. Available: http://www.uow.edu.au /commerce/econ/wpapers.html.
- Hashim, M. K., and Wafa, S. A. (2002). Small & Medium-Sized Enterprises in Malaysia: Development Issues. Petaling Jaya, Malaysia: Prentice-Hall.
- Hashim, M.K. (2000). A Proposed Strategic Framework for SMEs Success. Malaysian Management Review, 35(2), 32-43.

- Hassan. Abul, Harahap Sofyan Syafri, (2010). Exploring Corporate Social Responsibility Disclosure: The Case of Islamic Banks. *International Journal of Islamic and Middle Eastern Finance and Management*, 3.
- Hejazi, R., Rahmani, A., and Mozafari, Z. (2010). A study on the effect of regulations for information disclosure on quality of data published by the firms listed on Tehran stock exchange. *Stock Exchange Quarterly*, 10, 23-36.
- Hirschman, A. O. (1985). Exit, Voice, And Loyalty: Responses to Decline in Firms, Organizations, and States. Cambridge, MA: Harvard University Press.
- Hudson, L. A., & Ozanne, J. L. (1988). Alternative ways of seeking knowledge in consumer research. *Journal of consumer research*, 14(4), 508-521.
- Hudson, M., Smart, A. and Bourne, M., (2001). Theory and Practice in SME Performance Measurement Systems. *International journal of operations & production management*, 21(8), 1096-1115.
- International Finance Corporation. (2009). Information Disclosure. [On-line] https://www.ifc.org/wps/wcm/connect/2726fbf5-1b46-4834-8ca3da7bd3cecb16/AR2009_Volume2.pdf?MOD=AJPERES&CVID=iYSK0.5
- Islam, M. A., Aktaruzzaman Khan, M., Obaidullah, A. Z. M., & Syed Alam, M. (2014). Effect of Entrepreneur and Firm Characteristics on the Business Success of Small and Medium Enterprises (SMEs) in Bangladesh. International Journal of Business and Management, 6(3).
- Jutla, D., Bodorik, P., & Dhaliwal, J. (2002). Supporting The E-Business Readiness of Small and Medium-Sized Enterprises: Approaches and Metrics. *Internet Research*, 12(2), 139-164.
- Kettell, B. (2011). Introduction to Islamic banking and finance (Vol. 551). John Wiley & Sons, United Kingdom.
- Khalique, M., Md. Isa, A. H., Shaari, J. A. N., & Ageel, A. (2011). Challenges Face by the Small and Medium Enterprises (SMEs) in Malaysia: An Intellectual Capital Perspective. *International Journal of Current Research*, 3(6), 398–401.
- Kin, H.S. (1990). Corporate social responsibility disclosures in Malaysia. *Akauntan Nasional*, January, 4-9.
- Kinyua, A. N. (2014). Factors Affecting the Performance of Small and Medium Enterprises in the Jua Kali Sector in Nakuru Town, Kenya. IOSR *Journal of Business and Management*, 16(1), 80–93.

- Krasodomska, J., & Cho, C. H. (2017). Corporate social responsibility disclosure. Sustainability Accounting, Management and Policy Journal, 8(1), 2–19.
- Kuhn, T. (1970). Reflections On My Critics. In I. Lakatos & A. Musgrave (Eds.), Criticism and the growth of knowledge Cambridge, UK: Cambridge University Press (231-278).
- Lebas, M., & Euske, K. (2002). A Conceptual and Operational Delineation of Performance. *Business performance measurement: Theory and practice*, 65-79.
- Lerner, J. S., & Tetlock, P. E. (1999). Accounting for the effects of accountability. *Psychological bulletin*, 125(2), 255.
- Lincoln, Y. S., & Guba, E. G. (1985). Naturalistic Inquiry London. England: Sage Publications.
- Maali, B., Casson, P. and Napier, C. (2006). Social reporting by Islamic banks. *Abacus*, 42 (2), 266-289.
- Majmudar, S. K. (1997). The Impact of Size and Age on Firm-Level Performance: Some Evidence from India. *Review of Industrial Organization*, 12(2), 231–241.
- Mashayekhi, B. and Mashayekh, S., (2008). Development of Accounting in Iran. The International Journal of Accounting, 43(1), 66-86.
- Merkley, K. J. (2014). Narrative disclosure and earnings performance: Evidence from R&D disclosures. *Accounting Review*, *89*(2), 725–757.
- Ministry of International Trade and Industry (MITI). (2005). Third Industrial Master Plan 2006 2020.
- Mohd-Sanusi, Z., Ismail, R., Hudayati, A., & Harjito, D. A. (2015). Screening Process of Shariah-Compliant Companies: The Relevance of Financial Risk Management. *International Journal of Economics and Management*, 9(1), 177–195.
- Moorthy, M. K., Tan, A., Choo, C., Wei, C. S., Tan, J. Y. P., & Leong, T. K. (2012). A Study On Factors Affecting the Performance of SMEs in Malaysia. *International Journal of Academic Research in Business and Social Sciences*, 2(4), 224–239.
- Muhammad, M.Z., Char, A.K., bin Yasoa, M.R. & Hassan, Z., (2010). Small and Medium Enterprises (SMEs) Competing in The Global Business Environment: A case of Malaysia. International Business Research, 3(1), 66.

- Muwazir, M.R., Muhamad, R., & Noordin, K. (2006). Corporate Social Responsibility Disclosure: A Tawhidic Approach. *Journal Syariah*, 14(1), 125-142.
- Nazri M (2010). A Standard for SME Financial Reporting in SME Toolkit Malaysia. Intl. The Effects of Environmental Disclosure on Financial Performance in Malaysia. *Procedia Economics and Finance*, 117–126.
- Neuman, W.L. (2000) Social Research Methods: Qualitative and Quantitative Approaches. Allyn and Bacon.
- Nor, N. M., Bahari, N. A. S., Adnan, N. A., Kamal, S. M. Q. A. S., & Ali, I. M. (2016). The Effects of Environmental Disclosure on Financial Performance in Malaysia. *Procedia Economics and Finance*, 35, 117–126.
- Nugraheni, P. (2003). Voluntary Disclosure in Indonesia: Comparison of Shariah and Non- Shariah Compliant Companies. *Jurnal Akuntansi Dan Audit Indoneisia*, 15(1), 53–64.
- Nunnally J.C., (1978) Psychometric Theory, McGraw-Hill, New York.
- Omar, Siti Sarah bt. & Ismail, Maimunah, (2009). The Background and Challenges Faced by Small Medium Enterprises. A Human Resource Development *Perspective Journal of Business and Management* vol4, No.10.
- Othman, R., Thani, A. M., & Ghani, E. K. (2009). Determinants of Islamic Social Reporting Among Top Shariah -Approved Companies in Bursa Malaysia. *Research Journal of International Studies*, *12*(12), 4–20.
- Othman, Rohana, & Thani, Azlan Md. (2010). Islamic Social Reporting of Listed Companies in Malaysia. *International Business & Economics Research Journal*, 9(4), 135–144.
- Ousama AA, Fatima AH. (2010). Voluntary Disclosure by Shariah Approved Companies: an exploratory study. *J Finance Report Account*. 8(1):35–49.
- Pearce, J. A., Freeman, E. B., & Robinson, R. B. (1987). The Tenuous Link Between Formal Strategic Planning and Financial Performance. *Academy* of *Management Review*, 12(4), 658–675.
- Portal Komuniti, K. T. A. K. (2006). Keusahawanan: PUNB Perkenal Skim Usahawan Pemborong. Retrieved July 25, 2015.
- Raffournier, B., & Raffournier, B. (2006). The Determinants of Voluntary Financial Disclosure by Swiss Listed Companies. *European Accounting Review*, (August 2013), 37–41.

- Rahim. A (2012). An Introduction to Islamic Accounting Theory and Practice. *CERT Publications Sdn Bhd*, 4,10 - 11.
- Rahman, N. A., Yaacob, Z., & Radzi, R. M. (2016). The Challenges Among Malaysian SME: A Theoretical Perspective. World Journal of Social Sciences, 6(3), 124–132.
- Rammal, H. & Zurbruegg, R. (2007). Awareness of Islamic banking products among Muslims: The case of Australia. Journal of Financial Services Marketing, 12(1), 65-74.
- Reiss, F., Garofalakis, M. & Hellerstein, J.M., (2006). Compact Histograms for Hierarchical Identifiers. *In Proceedings of the 32nd international conference on Very large databases* 870-881.
- Rice, C. (1999). Islamic ethics and its implications for business. Journal of Business Ethics, 18(4), 345-358.
- Ritchie, B. & Brindley, C. (2000). Disintermediation, Disintegration, and Risk in The SME Global Supply Chain. *Management Decision*, 38(8), 575-583.
- Run, E. C. & Yeo, D. S. L. (2005). Awareness, Understanding, and Behaviour of Islamic Banking: Results of A Special Study. IBM.
- Russell, M. (2015). Continuous Disclosure and Information Asymmetry. Accounting Research Journal 28.
- Sait, S., & Lim, H. (2006). Land, Law, and Islam: Property and Human Rights in The Muslim World (1). Zed Books.
- Saleh, A.S. & Ndubisi, N.O. (2006). SME Development in Malaysia: Domestic and Global Challenges. [Online]. Available: http://www.uow.edu.au/commerce /econ/ papers
- Skin, N, Wahab, N & Muhammad, I (2014). 'Strengths and Weaknesses Among Malaysian SMEs: Financial Management Perspectives', Procedia-Social and Behavioural Sciences, 129, pp. 334-340.
- Samad, N. A. (2007). Positioning Malaysian SMEs in the Global. *Proceedings of Persidangan Kebangsaan IKS 2007*, Kota Kinabalu: Universiti Utara Malaysia
- Sarumpaet, S. (2006). The Relationship Between Environmental Performance and Financial Performance of Indonesian Companies. *Jurnal Akuntansi Dan Keuangan*, 7(2), 89–98.
- Securities Commission Malaysia (1993). Securities Commission Act 1993. [Online] Available:

https://www.sc.com.my/api/documentms/download.ashx?id=3e24c5bb-1e57-4639-b50f-02abbba37153.

- Sekaran, U. (2003). Research Methods for Business: A Skill Building Approach, John Wiley & Sons.
- SME Corporation Malaysia. (2017). Official website SME Corp. Malaysia [Online]. Available: http://www.smecorp.gov.my/index.php/en/.
- SMIDEC. (2007). SME Development Programme. [On-line]. Available: http://www.smidec.gov.my/detailpage.jsp?section=defsme&level=1.
- Srairi, S. (2015). Corporate Governance Disclosure Practices and Performance of Islamic Banks in GCC Countries, *4*(2), 1–17.
- Stebbins, R. A. (2001). Exploratory research in the social sciences (48). Sage, London.
- Stuti, K. I. (2005). Overcoming Barriers to Innovation for Indian SMEs. *Ministry* of Small Scale Industries, New Delhi, India.
- Sulaiman, M., & Willet, R. (2001). Islam, Economic Rationalism and Accounting. Journal of Islamic Social Sciences, 18(2), 1–36.
- Syed, S. (2012). Recovery of gold from secondary sources—A review. Hydrometallurgy, 115, 30-51.
- Tahir H.M., Razak N.A., Rentah F. (2018) The Contributions of Small and Medium Enterprises (SME's) On Malaysian Economic Growth: A Sectoral Analysis. In: Lokman A., Yamanaka T., Lévy P., Chen K., Koyama S. (eds) Proceedings of the 7th International Conference on Kansei Engineering and Emotion Research 2018. KEER 2018. Advances in Intelligent Systems and Computing, 739.
- Tang, J. & Hull, C., (2012). An Investigation of Entrepreneurial Orientation, Perceived Environmental Hostility, and Strategy Application among Chinese SMEs. *Journal of Small Business Management*, 50(1), 132–158.
- Teoh, W. M. Y. & Chong, S. C. (2008). Improving Women Entrepreneurs in Small and Medium Enterprises in Malaysia: Policy Recommendations. *Communication of the IBIMA*, 2, 31-38.
- Tjur, T. (2009). Coefficients of Determination in Logistic Regression Models—A New Proposal: The Coefficient of Discrimination. *The American Statistician*, 63(4), 366–372.

- Ullah, S., Jamali, D. & Harwood, I.A. (2014). Socially Responsible Investment: Insights from Shari'a Departments in Islamic Financial Institutions. Business Ethics: A European Review, 23 (2), 218-233.
- Vance, A., Lowry, P. B., & Eggett, D. (2015). Using accountability to reduce access policy violations in information systems. *Journal of Management Information Systems*, 29(4), 263-290.
- Vicary D (2005). Best Practices of Corporate Governance in Islamic Banking, *Islamic Finance News*, 2 (10).
- Wafa, S. A., Noordin, R. & Kim-Man, M. (2005). Strategy and Performance of Small and Medium-Size Enterprises in Malaysia. *Proceedings of the International Conference on Economics and Finance (ICEF)*, Labuan: Universiti Malaysia Sabah.
- Wang, S. D. (2003). The Implications of E-Financing: Implications for SMEs. Bulletin on Asia-Pacific Perspective2003/2004. New York: United Nations.
- Welmilla, I., Weerakkody, W. A. S., & Ediriweera, A. N. (2011). The Impact of Demographic Factors of Entrepreneurs on the Development of SMEs in the Tourism Industry in Sri Lanka.
- West, S.G., Finch, J.F., & Curran, P.J. (1995). Structural Equation Models with Non-Normal Variables: Problems and Remedies. In R. H. Hoyle (Ed.), Structural equation modeling: Concepts, issues, and applications, 56–75.
- Wicks, A., & Berman, S. (1999). Does Stakeholder Orientation Matter? The Relationship Between Stakeholder Management Models. Academy of Management Journal, 42(5), 488–508.
- Yoshino, N., & Taghizadeh-Hesary, F. (2016). Major Challenges Facing Small and Medium-sized Enterprises in Asia and Solutions for Mitigating Them. *ADBI Working Paper* 564, (564).
- Yusoff, H., Lehman, G., & Mohd Nasir, N. (2006). Environmental Engagements Through the Lens of Disclosure Practices: A Malaysian Story. *Asian Review of Accounting*, 14(1/2), 122-148
- Zalaghi, H., & Khazaei, M. (2016). The Role of Deductive and Inductive Reasoning in Accounting Research and Standard Setting. *Asian Journal of Finance & Accounting*, 8(1), 23.
- Zam, N., Wan, N., Saidi, N., & Razak, S. (2014). Halal Related Information: Corporate Social Responsibility Disclosures by Malaysian Food Industries. *Journal of Applied Environmental and Biological Science*, 4, 35–40.

Zimmerman, M. & Chu, H., (2013). Motivation, Success, and Problems of Entrepreneurs in Venezuela. *Journal of Management*, 14(2), 76–90.

