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Factors affecting customers' attitude towards Islamic banking in UAE

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Abstract

The present study investigates the effects of the following factors: image; awareness; Shariah compliance and individualism, on the attitude and intention of customers to use Islamic banking among Bank customers in UAE, and the mediating role of attitude in that model, using a theoretical model based on the Multi-Attribute Attitude Model, the theory of reasoned actions and the theory of planned behaviour. The research will focus on surveying bank customers living in UAE. The researcher will use structural equation modelling to analyse the data. Results show that attitude and awareness affect intention directly, while image, awareness, Shariah compliance and individualism affect attitude directly and affect intention indirectly mediated by attitude. The research shows the importance of Shariah compliance, individualism and image on attitude and intention and provides suggestions for banks to benefit from these aspects to widen their customer base.

1. Introduction

Islamic banking started to appear in the United Arab Emirates among privately owned banks with the establishment of Dubai Islamic Bank in 1975, which was the first ever private Islamic bank. Since then, the UAE economy has had a mixed banking system with Islamic and conventional banks working side by side. Following the expansion of banking sector in Gulf Cooperation Council countries (Al-muharrami and Murthy, 2017), many conventional banks in the UAE opened Islamic windows (an Islamic Department in a conventional bank that offers Islamic banking products and services). UAE has 23 banks including 8 Islamic banks. By the end of Q1 – 2017, the total number of assets for all banks working in the UAE reached AED 2,648.3 billion out of which AED 520 billion is Islamic (19.6%) (Central Bank of the UAE, 2015). This growth provides an indication that Islamic banking has and will continue to have an important role in the economy of this country. However, without understanding customer preferences and attitude, Islamic banks will not be able to focus on future growth and the way to steer it in order to improve their efficiency and profitability. Based on this, the aim of this study is to test the factors affecting customer attitude and preference. The fact that UAE is the oldest mixed Banking economy makes it a good environment to test the current intentions and attitudes of customers towards Islamic banking. After more than 40 years of Islamic banking services, the market has developed a mature overview towards these banks.

UAE as a cultural and ethnic mix is unique. The official religion of the UAE is Islam, with 76% of the population following it, taking into consideration that 80% of the population are non-citizens. All of the UAE citizens are Muslims, and the majority of the residents are also Muslims; they descend from South and Southeast Asia, the Middle East, Europe, Central Asia, the Commonwealth, and North America. While Muslims make up 76% of the population, Christians account for 9% and others like Hindus and Sikhs constitute 15% of the UAE population. The UAE's judicial system is derived from both Islamic Jurisprudence and civil law. Moreover, the court system is similarly derived partially from Islamic Jurisprudence, and the UAE's civil and criminal courts use parts of Sharia law that are embedded in their criminal and family law (Department of State US, 2016). The average GDP per capita in UAE in 2016 was USD 67,871 as per the International Monetary Fund¹, placing it among the top ten countries world-wide, ranking higher than Switzerland and the United States.

While previous studies have explored customers' intention towards Islamic banking, few have mentioned attitude as one of the factors affecting intention and fewer have tried to understand the variables that influence the attitude of customers towards Islamic banking. (Amin et al., 2017; Md. Taib et al., 2008; Md Husin and Ab Rahman, 2016)

This study will examine the variables that affect the attitude of customers towards Islamic

¹ http://www.imf.org/external/datamapper/NGDP_RPCH@WEO/OEMDC/ADVEC/WEOWORLD

banking in UAE and its relation with attitude and intention, adopting a theoretical framework derived from the Multi-Attribute Attitude Model, the theory of planned behaviour and the theory of reasoned actions. The model here is modified to include only attitude plus a few variables affecting attitude.

The importance of this study comes from its focus on a specific market (the United Arab Emirates) with all its features mentioned above. The study is organized as follows: Section 2 covers the literature review; Section 3 discusses the theoretical framework and develops the hypotheses. Section 4 presents the sample and research methodology. In Section 5 the results are presented, and Section 6 includes a discussion, conclusion and implications.

2. Literature review

Islamic law, or Islamic jurisprudence in commercial transactions, emphasize the prohibition of usury and uncertainty. It focuses on achieving social and economic justice by balancing the personal and social needs with the moralities of that society. As per Al-Ghazzali (1937), the aim of Islamic laws in the economy is justice distribution. Commercial transactions have to be free of exploitation, inequalities and monopoly. The concept of financing in Islam differs from conventional practice, where money generates money by the factor of time using interest. In Islam, money cannot generate money unless it is used in a commercial transaction where an underlying commodity is used. The Quran prohibits any financial activities that include interest.

Islamic banking is a religiously approved interest-free alternative to the current conventional banking, positioning itself as an owner of wider ethical and proper matters other than just the prohibited interest transactions

The main two reasons to establish Islamic banking as per Khir et al. (2008) are: first, to fulfil the personal need to grow wealth. And second, to channel financial resources to eligible transactions to facilitate the movement of funds in a Shariah compliant methodology. Similar to other banks, Islamic banks' main aim is to make profit, but while respecting the jurisprudence of Islam.

In UAE, few studies have been conducted about the relationship between customers and banks, Jamal and Naser (2002) conducted a study about customer satisfaction with banks in UAE, and found that service quality is a main factor to achieve satisfaction. Also, Al-Tamimi et al. (2009) did a study about the views and loyalty of customers in UAE towards banks. They found that most customers in UAE prefer banking with Islamic banks, and although they are not satisfied with the products or service quality, they have a positive image of their banks. Sayani (2015) conducted a study about consumer loyalty to banks in UAE, the study found that customers of Islamic banks are satisfied with the accessibility and Shariah factors, while the reputation factor was important when dealing with conventional banks. A previous study by Sayani and Miniaoui

(2013) about the same subject found that religious preference was an important factor to distinguish Islamic from conventional banks. Jabnoun and Khalifa (2005) did a study on service quality factors in UAE banks. For customers of Islamic banks, personal skills and values were important to determine service quality, while image and values were important for determining service quality for customers of conventional banks.

Other studies in the literature discussed the patronage factors of Islamic banks and customer intention to deal with it. For instance, some studies (Erol and El-Bdour, 1989; Awan and Azhar, 2014) have highlighted the importance of bank image, mass advertising of the bank, the brand and the prestige of the bank as a main factor for its selection. While other studies (Aaminou and Aboulaich, 2017; Bizri, 2014; Lee and Ullah, 2011; Ltifi et al., 2016) found Shariah compliance, or trust that the bank is following Shariah, a main factor to patronize it. Further studies (Haron et al., 1994; Omer, 1992) have focused on the importance of knowledge of Islamic contract mechanisms as a factor to patronize them. Jinjiri Ringim (2014) found that the most important factor for Nigerian Muslims to patronize Islamic banks was perception. Rashid et al. (2009) found that religion, depositors' desire to maximize profitability, the convenience of the system, "service quality and consistency", and a better cost-benefit effect are the most important factors affecting customers' decision to choose an Islamic bank.

Few previous studies have focused on understanding the factors affecting attitude of customers toward Islamic banking. They used the theory of planned behaviour and the theory of reasoned actions as their theoretical model. For instance Amin et al. (2013) used the theory of planned behaviour to test the Islamic home financing adoption in Malaysia. The study is unique as it adds several functions to the original framework of the theory of planned behaviour, these factors were "simplicity" and "relative advantage". The study found that these two factors affected attitude, and identified attitude as a mediator between these factors and the intention to adopt Islamic home finance.

Later, Md Husin and Ab Rahman (2016) also used the theory of planned behaviour to understand the acceptance of Islamic insurance, the model also was modified to include further factors that affect attitude in the model. Awareness, knowledge and exposure were found to significantly influence attitude. Also, Sabirzyanov (2016) used the theory of planned behaviour to test the intention of customers towards Islamic finance; he also added awareness as a factor affecting attitude in the model and the results showed an important effect of awareness on attitude.

Finally, Amin et al. (2017) used the theory of planned behaviour and the theory of reasoned actions to understand consumer attitude and preference in the Islamic home finance sector. They added three factors affecting attitude to the theoretical model namely service quality, product choice and Islamic debt policy; the paper proved that these factors affected attitude.

3. Theoretical framework and hypotheses development

3.1 Theoretical Framework

The main theory this study is built on is the Multi-Attribute Attitude Model (Fishbein, 1963; Jahoda and Fishbein, 1968), which shows that what customers feel towards an object is due to two main factors: the customer belief on whether this object possesses certain merits and the customer evaluation of these merits. (Schiffman and Kanuk, 2007). In addition to this theoretical model, the theory of reasoned actions and the theory of planned behaviour have been considered to highlight the relationship between attitude and intention. The Intention of an individual is defined as the sum of work a person is willing to apply to reach a goal (Ajzen, 1991). The theory of reasoned actions (TRA) presented by Fishbein and Ajzen (1975) shows that intention is a function of two determinants, his or her attitude towards the act and the subjective norms or the social influence. It identifies attitude as an important indicator of intention. TRA has been used in the literature of Islamic behavioural finance (Md. Taib, Ramayah and Abdul Razak, 2008; Amin, 2012; Sabirzyanov, 2016), by applying this theory into empirical Islamic finance studies, the results were found to be in line with the theory proving its validity.

The theory of planned behaviour is a development of the theory of reasoned actions, also developed by Fishbein and Ajzen (1975). This theory introduces perceived behaviour as a new indicator of intention in addition to the attitude and subjective norms. This theory was used in a few studies on Islamic banking and economics. Studies (Alam et al., 2012; Amin et al., 2014b) applied the theory successfully and extended the model to include further determinants like “religiosity” and “Islamicity of product”. The usage of those three theories in one theoretical framework is important to provide factors affecting attitude, and indirectly affecting intention, this can help in understanding the direct and indirect effect of these factors on attitude and intention.

In this study, attitude is considered to be a function of awareness, the image of the bank, individualism, and the Shariah compliance of the Islamic bank. These determinants were considered due to previous studies that indicated that the image of the bank is important in selecting Islamic banking (Erol and El-Bdour, 1989), and the criticism that the awareness of customers is low in general and affects the patronage of Islamic banks. Furthermore, criticism about the Shariah compliance of banks, shown in previous studies, may affect the patronage of Islamic banks; this will be discussed further in the next sections.

Individualism is a new factor to be tested among factors affecting the patronage of Islamic banking, but previous literature has showed its effect on attitude in behavioural finance studies. The Multi-Attribute Attitude Model has been modified in this study to adapt to the context of this study. The model of this study is presented in **Figure 1** (a conceptual framework).

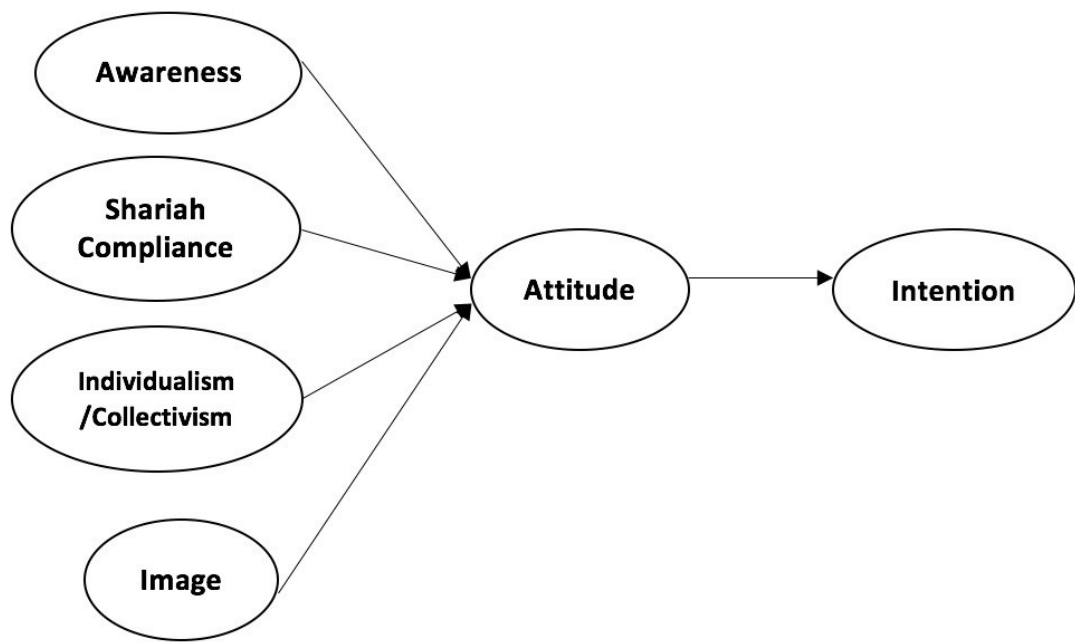


Figure 1: A conceptual Framework

3.2 Hypothesis development

3.2.1 The image of the bank:

Image is, from an organization perspective, the chain of thoughts that comes to mind when an individual recalls the name of that organization (Nguyen and Leblanc, 2001). According to Lee et al. (2011), image is the final result of a customer's notion, understanding, interaction and experiences related to a specific company.

Studies in Islamic finance related to behaviour and patronage factors found that the most important aspects in choosing a bank (Islamic or conventional) are the reputation of the bank and its prestige, highlighting the importance of image on customer attitude towards Islamic banks (Erol and El-Bdour, 1989). Furthermore, Awan and Azhar (2014) mentioned that one of the main factors in patronizing Islamic banks is mass advertising. Ahmad and Haron (2002) in their study recommended more marketing for Islamic banking due to its importance in patronizing Islamic banking. Arshad et al. (2016) found that for Islamic banks, satisfaction influences image which influences trust, and image influences the intention to switch bank at a customer level. All these literatures suggest the importance of image on attitude towards Islamic banking. Reza Jalilvand et al. (2014) found in their paper that brand loyalty and awareness have an important effect on the attitude of customers towards Islamic banks. Hence the first hypothesis in this study is:

H1: Image of the bank has a positive direct influence on the attitude of customers towards Islamic banks.

3.2.2 Shariah compliance:

Shariah compliance is the customer's perception that Islamic banking transactions are free from prohibited acts and procedures like Riba (interest) and Gharar (uncertainty), that is in line with the Islamic jurisprudence outlined in the Quran and the Sunnah (Ahmad et al., 2008).

Previous studies on patronizing Islamic banking mentioned Shariah compliance as an important factor affecting customers' attitude to patronize Islamic banks. Lee and Ullah (2011) found in their paper that customers have a high respect towards the Shariah compliance aspect to an extent that if Shariah is violated repeatedly in the chosen bank, customers tend to change their bank to a different Islamic bank. Also, Amin et al. (2014a) tested how customers accept the Islamic home finance and discovered that the islamicity of the product is one of the most important variables in determining the acceptance of this product in the Malaysian market. Amin et al. (2014b) found religious satisfaction is one of the most important variables affecting customers' decision to choose Islamic home finance. Wajdi Dusuki and Irwani Abdullah (2007) mentioned that the level of bank compliance with Shariah principles is one of the important factors for customers to patronize Islamic banks in Malaysia. Also, Saqib, Farooq, and Zafar (2016) highlighted the moderating effect of Shariah compliance between service quality and customer satisfaction in Islamic banks.

Hence the second hypothesis is:

H2: Shariah compliance in banks has a direct effect on the attitude of customers towards Islamic banks.

3.2.3 Individualism/collectivism:

As per Gladwin and Hofstede (1981), individualism is a belief backed by culture that the individual has to take primacy, while collectivism is the belief that community has primacy. Hofstede considers collectivism/individualism as a dimension of culture and it can assist in understanding people's behaviour and their attitude (Hofstede, 2002).

Several studies have made links between individualism and attitude, such as Kashima et al. (1992). Volkema (1998) mentioned that there tends to be a better relation between a person's attitude and behaviour if he or she is an individualist rather than a collectivist. As collectivists have an inclination towards a moral attitude. Also Pitlik and Rode (2017) in their paper, identified two types of individualism relevant for attitude formation: self-direction ('social' individualism)

and self-determination ('economic' individualism). Their paper provides a clear indication of the influence of individualism on attitude, especially the economic individualism aspect. The paper's results show that all individualistic qualities are correlated negatively with intervention attitudes.

A paper prepared by Anwar and Chaker (2003) in UAE, suggested that individualism or collectivism is a personal attribute irrespective of the individualistic or collectivistic society in which people live. Based on the previous literature which suggests that individualism can affect attitude, the third hypothesis is:

H3: Individualism has a direct effect on the attitude of customers towards Islamic banking.

3.2.4 Customers' awareness of Islamic banking contracts and mechanism:

Many previous studies have highlighted the importance of awareness and knowledge about Islamic banking contracts and the decision-making mechanism for patronizing Islamic banking. An important study was conducted by Sabirzyanov (2016), who used the theory of planned behaviour in understanding how customers feel about dealing with Islamic banking. His research confirmed that there is a significant influence of awareness on attitude. Furthermore, another important study conducted in UAE by Bley and Kuehn (2004), examined the level of knowledge Muslims had about Islamic banking contracts and mechanisms, among students in the UAE. They found that Arabic Muslims showed a better level of understanding of the Islamic banking mechanism than non-Arabic Muslim students. And they mentioned that the overall level of education about Islamic banking is low. Other studies like Hamid and Nordin (2001) and Wahyuni (2012) found an influence of awareness about Islamic contracts and mechanisms on the decision to deal with Islamic banking. Md Husin and Ab Rahman (2016) mentioned that awareness and knowledge have influence on the decision to deal with Islamic insurance. Jamid Ul Islam and Zillur Rahman (2016) mentioned in their paper conducted in India that most consumers there are ignorant about Islamic finance contracts and mechanisms, but they showed willingness to learn in order to deal with Islamic banks. Hence the fourth hypothesis is:

H4: Customers' level of awareness about Islamic banking concepts and mechanism has a direct effect on their attitude towards Islamic banks.

3.2.5 Attitude:

Attitude is defined as the evaluative influence of feelings on persons when following a

specific behaviour (Gopi and Ramayah, 2007). In the theory of reasoned actions, attitude is referred to as the evaluative effect of positive or negative feelings of individuals in performing a particular behaviour (Fishbein and Ajzen, 1975).

Many empirical studies on Islamic banking have focused on the relationship between the intention of patronizing Islamic banking and customers' attitude, and how attitude affects this intention. Many studies on Islamic banking have found an influence of attitude on customers' intention to deal with Islamic banking (Amin, 2012; Amin et al., 2013; Amin et al., 2014a; Sabirzyanov, 2016), hence the fifth hypothesis is:

H5: Attitude has a direct effect on customers' intention to deal with Islamic banking.

This study also considers the indirect effect of variables on the intention to deal with Islamic banking mediated by attitude. The mediating effect of attitude is important to study in this paper in order to provide a better interpretation and a new contribution to the field (Shi et al., 2008). Chen et al. (2004), Kleijnen et al. (2004) and Yasin et al. (2009) found that attitude is a good mediating variable, also Sarina Ismail et al. (2007) mentioned that attitude mediates the relation between intention and other variables. This study tries to extend this idea to the Islamic finance field and the model of this study, hence the last four hypotheses are:

H6. The effect of image on intention to deal with Islamic banks is mediated by customer attitude.

H7. The effect of awareness on intention to deal with Islamic banks is mediated by customer attitude.

H8. The effect of Shariah compliance on intention to deal with Islamic banks is mediated by customer attitude.

H9. The effect of individualism on intention to deal with Islamic banks is mediated by customer attitude.

4. Methodology

4.1 Data description and sample collection process and demographics

The data collection process employs the convenience sampling technique due to the restricted access to the actual number of bank customers in UAE. This method is the most used sampling technique in Islamic behavioural finance articles (Amin, 2012). The survey was of two parts. The first part consisted of 18 questions, focused on latent factors, and the second part consisted of 5 questions and focused on the demographic information of the respondents. The sample size of this study was 178. The individuals who answered this survey were customers of

Islamic and conventional banks residing in the UAE (7 non-Muslims and 171 Muslims). The data collection happened from April to June 2017. Two different survey collectors were hired to collect this survey, one for each language; the survey was collected in Arabic and in English.

The surveys were collected in three different cities in UAE (Dubai, Sharjah and Ajman). Survey collectors approached people asking them if they wanted to participate in a survey about Islamic banking, and they waited for the participants to finish the survey and then collected it back from them. 221 surveys were collected, while only 178 surveys qualified after removing surveys completed by people who did not bank in the UAE, not completed surveys, and visitors' surveys. This paper followed a rule suggested by Hair et al. (2008) that a sample size should be at least five times the number of items in the questionnaire. The variables were measured by a 7-point Likert scale ranging from 1 (strongly disagree) to 7 (strongly agree). The items in the survey were adopted and benchmarked to previous studies. The items representing attitude and intention towards Islamic finance were adapted from Gopi and Ramayah, (2007) and Ramayah et al. (2009), and adjusted to suit the study. Items related to individualism/collectivism are adopted from Souren et al., (2005), while the variables related to people's knowledge and awareness of Islamic products were benchmarked to Hamid and Nordin (2001). Image and Shariah compliance were benchmarked to Arshad et al. (2016) and Lee and Ullah, 2011. Before starting, a pilot survey was distributed in three versions to test the responses, and each time changes were made based on the feedback. Details on the items used in the instrument are in Appendix A.

The respondents' demographics were as follows: 99 respondents were males, while the rest of the 178 respondents were females (55.62% males, 44.38% females). In terms of nationality, 50.56% of the respondents were from the UAE, 18.54% from Syria, 5.62% from Egypt, 6.18% from Palestine, 3.93% from India, 2.25% from Iraq, 2.81% from Jordan, 3.37% from Pakistan, and 6.74% from other nationalities like Germany and the US. The high component of UAE nationals in the survey was important to reflect the main trend in the community, although expats make up 85% of the population in UAE, the average stay of an expat in the UAE is around 8.7 years only (Al Awad, 2008), hence the paper chose to focus on UAE nationals.

Also, the respondents' ages varied to reflect the maximum diversity, with 17.42% between 18 to 25 years old, 38.76% between 25 to 35 years old, 35.96% between 36 to 50 years old, and 7.87% between 51 to 65 years old. Their level of education was also varied, with 30.34% below the level of an associate degree, 5.62% held an associate degree, 51.12% a Bachelor's degree, and 12.91% an advanced degree from a university (Master's or PhD). Table I shows more details about demographic statistics.

4.2 Data analysis

The data collected went through several stages of analysis as per the process of Structural Equation Modelling (SEM). In SEM, the factor analysis technique and the path analysis technique are combined to explain the type of interrelation between the latent variables, which will be determined by more than two items (Hair et al., 2010; Whittaker, 2011). Also SEM has the ability to measure the reliability and the validity of the data and the model created and the model fit (Hair et al., 2010)

4.3 Measurement model assessments

The process started with factor analysis so the underlying relationship between variables can be identified. There are two steps to do this, exploratory factor analysis (EFA) and confirmatory factor analysis (CFA) (Hair et al., 2010). EFA is a statistical mechanism used to understand the link between the variables and their loading into a single factor. While CFA is a method of analysis to test the underlying theory (Hair et al., 2010). Hence, the study will run both factor analyses and provide the results and the reliability and validity of each tool. In EFA, the Maximum likelihood method and Varimax rotation method was used. Only factors that have a loading of > 0.6 were considered for further analysis (Nunnally, 1978), then the CFA was conducted and the reliability and validity of the model was registered. For validity testing in the CFA model, the approach of Hu and Bentler (1999) was used and the maximum likelihood estimation was adopted. The Average variance extraction (AVE) was used to define convergent validity, and for the discriminant validity, the construct reliability (CR) test was used. $CR \Rightarrow 0.7$, and $AVE > 0.50$ were accepted in this study (Hu and Bentler, 1999). In the Structural equation modelling stage, the inter-relations between the exogenous factors (image, individualism/collectivism, Shariah compliance and awareness) and the endogenous factors (attitude and intention) were tested using a one-way effect relationship. Using Amos 24, the relationship and the parameters were tested again.

Table I: Demographic statistics

Nationality	Number
<i>UAE</i>	90
<i>Egypt</i>	10

<i>Syria</i>	33
<i>Others</i>	12
<i>India</i>	7
<i>Palestine</i>	11
<i>Iraq</i>	4
<i>Jordan</i>	5
<i>Pakistan</i>	6
<i>Total</i>	178

Age	Number
<i>18 to 25</i>	31
<i>26 to 35</i>	69
<i>36 to 50</i>	64
<i>51 to 65</i>	14
<i>Total</i>	178

Level of Education	Number
<i>Less than an associate degree</i>	54
<i>Associate degree</i>	10
<i>Bachelor's Degree</i>	91
<i>Advanced Degree (Master's or PhD)</i>	23
<i>Total</i>	178

4.4 Data screening: Testing of SEM assumptions

Data screening was conducted and 42 surveys were eliminated due to achieving less than 95% completion (Hair et al., 2010) , or they are non-customers of either Islamic or conventional banks which are beyond the scope of this study.

As per Kline (2015), an absolute value greater than 3 is considered skewed. In this study there was no skewness value of more than absolute 1. Regarding kurtosis, the benchmark value is 10, as per Kline (2015), in this study; the highest registered kurtosis was 1.1, which makes the data adequate for testing.

4.5 Approaches to data analysis.

The data analysis was done in two stages. The first stage considered the relationship between the underlying latent factors and the observed variables, the correlation between these factors and the error correlation (if required) using CFA. The second stage included the causal model between the endogenous and the exogenous factors using SEM. The assessment of the model fit was taken for the entire model instead of each construct. The assessment of reliability and validity was conducted in the CFA model. Post this stage, a test can be conducted to understand whether the data concurred with the theoretical model. (Hair et al., 2010)

5. Results

5.1 Factor loadings

SPSS Amos 24 was used to analyse the data. An explanatory factor analysis was conducted on the data and 6 factors were generated, all factors had a loading average of 0.7 and the Cronbach's alpha was calculated to measure validity at this point. Cronbach's alpha for each factor exceeded 0.7 (Hair et al., 1998). This included all variables and no variable was excluded. Table II shows the details of factor loading and alphas.

The factor loading showed 6 main factors with good loading. The factor loading generated the following factors:

- 1- Attitude towards Islamic banking (Att)
- 2- Intention to deal with Islamic banking (Int)
- 3- The importance of the image of Islamic banks (Img)
- 4- The conviction of customers that the Islamic banks are not Shariah compliant (Shr)
- 5- The unawareness of customers about Islamic banking contracts and mechanisms. (Unawareness) (Awr)
- 6- The individualism of customers when taking the decision to deal with a bank (Ind)

To check the adequacy of the sample for factor analysis, the KMO (Kaiser-Mayer-Olkin) test and the Bartlett's Sphericity tests were performed on the data. For KMO, the value has to be higher than 0.5 in order to be accepted for factor analysis and the pairs of variable correlations would be explainable by other variables. As for the Bartlett's test, the result should be significant in order to reject the null hypothesis that the variables

are uncorrelated. In this research, the KMO was 0.755 which makes it adequate for the factor analysis. Furthermore, the Bartlett's Sphericity test was significant ($X^2 =$

1892.216, $df = 154$, $p < 0.01$), so the null hypothesis is rejected and the variables are correlated, Table II shows the details.

Table II: Factor analysis, Cronbach alpha and KMO

Statements	Loading	Alpha
<i>Intention</i>		<i>0.916</i>
int1	<i>0.902</i>	
int2	<i>0.849</i>	
int3	<i>0.828</i>	
<i>Attitude</i>		<i>0.899</i>
att1	<i>0.789</i>	
att2	<i>0.861</i>	
att3	<i>0.692</i>	
<i>Image</i>		<i>0.866</i>
img1	<i>0.658</i>	
img2	<i>0.721</i>	
img3	<i>0.986</i>	
<i>Non-Shariah Compliance</i>		<i>0.886</i>
shr1	<i>0.598</i>	
shr2	<i>0.746</i>	
shr3	<i>0.768</i>	
<i>Un-awareness</i>		<i>0.83</i>
Awr1	<i>0.836</i>	
Awr2	<i>0.8</i>	
Awr3	<i>0.889</i>	
<i>Individualism</i>		<i>0.76</i>
ind1	<i>0.852</i>	
ind2	<i>0.715</i>	
ind3	<i>0.905</i>	

Notes: Maximum Likelihood analysis with Kaiser normalisation, Varimax rotation, KMO = 0.755;

Bartlett's test of Sphericity = $\chi^2 = 1892.216$ ($p=0.000$),

5.2 Confirmatory factor analysis

A CFA model was built with the 6 factors found in the previous test and variables were linked as per their loading, no variable loaded on more than one factor. As per the rule, RMSEA should be equal to or less than 0.07 and CFI is more than 0.92 (Hair et al., 2010), and SRMR less than 0.09 when TLI is more than 0.95 (Hu and Bentler, 1999); these conditions have to be met to claim the goodness of fit. The model fitted with $X^2/df = 1.357$, GFI = 0.909, NFI = 0.919, IFI = 0.977, TLI = 0.970, CFI = 0.977, RMSEA = 0.45, and the factor loadings ranged from 0.53 to 0.94.

5.3 Tests of reliability, validity and common method bias.

As per Hair et al. (2010), testing reliability and validity of the constructed model is done by calculating the construct reliability (CR), average variance extracted (AVE) and discriminant validity.

The CR is calculated based on the factor loading (the squared sum) for every construct and the sum of errors of the same construct (Hair et al., 2010). It should be more than 0.7 to represent a good reliability. While the AVE represents the sum of squared multiple correlation divided by the items (variables) in each construct (Hair et al., 2010), it should be $\Rightarrow 0.5$ to be considered valid. The discriminant validity was tested by comparing the

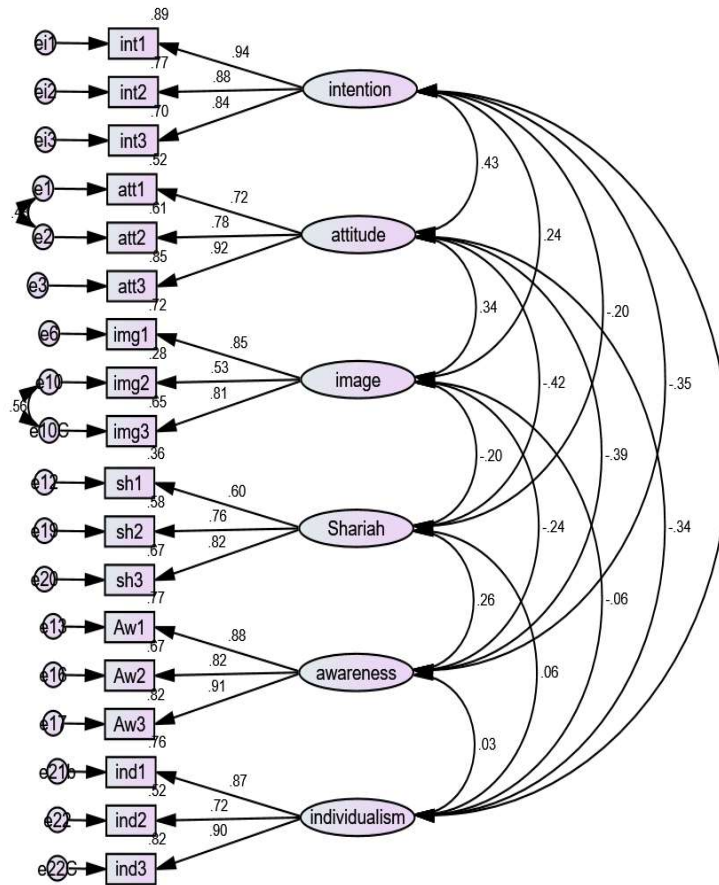


Figure 2: Confirmatory Factor Analysis model

correlation between the factors and the square root of AVE. The correlation should not exceed 0.85 (Kline, 2015; Yousafzai et al., 2010). The square roots of AVE should exceed the values of the correlations (Hair et al., 2010), and the maximum shared variance MSV is < AVE (Hu and Bentler, 1999).

Table III provides the CRs, the AVEs and the MSV and the square roots of AVE on the shaded diagonal. Table III shows that the model passed all reliability and validity tests and as the correlation is < 0.8, the model proved to be free of multicollinearity (Hair et al., 2010).

Table III: Reliability and Validity measurements

	CR	AVE	MSV	MaxR(H)	intention	attitude	image	Shariah	awareness	individ
<i>intention</i>	0.916	0.785	0.182	0.931	0.886					
<i>attitude</i>	0.854	0.664	0.182	0.895	0.426	0.815				

<i>image</i>	0.780	0.551	0.116	0.828	0.239	0.341	0.742			
<i>Shariah</i>	0.774	0.538	0.173	0.800	-0.200	-0.415	-0.200	0.733		
<i>awareness</i>	0.901	0.752	0.156	0.908	-0.347	-0.395	-0.241	0.259	0.867	
<i>individ</i>	0.872	0.697	0.117	0.896	-0.126	-0.343	-0.064	0.061	0.032	0.835

Furthermore, the model was tested for common method bias by two methods: Harman's single factor test and the Common Latent Factor method. For the Harman's single factor, the unified factor showed 18% of data explanation, and as the threshold is 50%, it was considered that the model is free of common method bias. Using the Common Latent Factor, it did not show a significant difference between the standardized paths with the highest difference of 0.08 and an average difference of 0.01. Hence the full model will be used and no imputation is required (Podsakoff et al., 2003) and the sample does not suffer from common method bias.

5.4 Results for the structural model test: SEM

After confirming the reliability and validity of the model, the causal relationship between the factors were drawn using SEM. The model had the following variables as latent exogenous variables (awareness, non-Shariah compliance, image of the bank and individualism) and the following endogenous variables (attitude and intention).

The model included paths from awareness, non-Shariah compliance and non-originality, image of the bank and individuality to attitude, and paths from awareness and attitude to intention.

This is the original model representing the underlying theoretical model. The paths from non-Shariah compliance and non-originality, image of the bank and individuality to intention were added to the model to test the indirect effect of these variables on intention through attitude and whether the indirect effect is full or partial. The paths cover the hypotheses to understand the relationship and test these hypotheses.

The model included two small modification indices to increase the goodness of fit, 2 correlations between errors were added to the model, these error correlations made the model a better fit, they are made between two errors of items representing the same latent factor in consequent order.

5.5 Assessment of the structural model fit and uni-dimensionality

In Figure 3, based on the rule, RMSEA should be equal to or less than 0.07 and CFI is more than 0.92 (Hair et al., 2010), and SRMR less than 0.09 when TLI is more than 0.95 (Hu and Bentler, 1999); these conditions have to be met to claim the goodness of fit. As per the results,

the model was found to fit with $X^2/df = 1.357$, GFI = 0.909, NFI = 0.919, IFI = 0.977, TLI = 0.970, CFI = 0.977, RMSEA = 0.45, Standard RMR = 0.0478

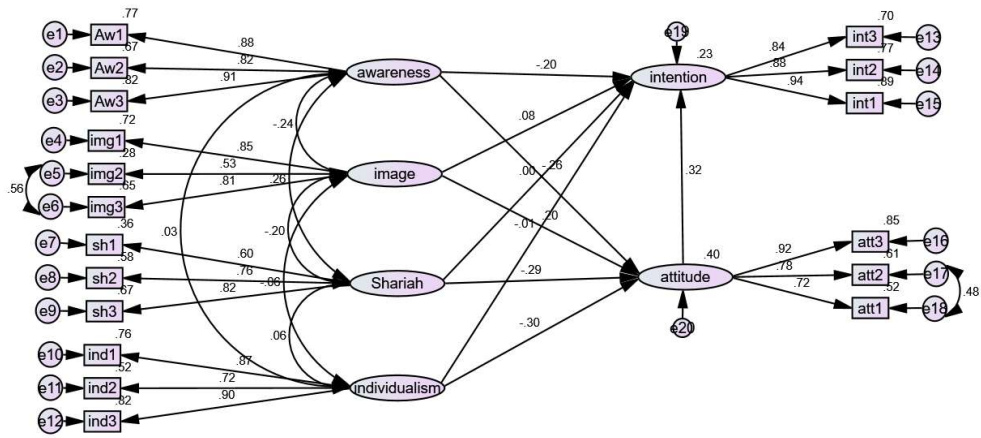


Figure 3: The proposed structural model with estimated standardised path coefficients

5.6 Assessment of path coefficients

Once the model was finalized and fit, the path coefficients were tested. Table IV provides information about all the coefficients, the significance and the critical ratio. The results demonstrate the significant positive effect of attitude on intention (0.317) (p -value < 0.05), while awareness has a negative significant direct effect on intention (-0.202) (p -value < 0.05), while other factors did not have any direct effect on intention. This will be discussed further regarding the indirect effect later.

Also, table IV showed that image (0.200) (p -value < 0.05) has a positive significant effect on attitude, while non-Shariah compliance (-0.289) (p -value < 0.01), awareness (-0.262) (p -value < 0.01), and individualism (-0.304) (p -value < 0.01) have negative significant direct effects on attitude.

Table IV: Path coefficients

Destination		Origin	Standardized	S.E.	C.R.
attitude	<---	awareness	-0.262***	0.064	-3.461
attitude	<---	image	0.200***	0.116	2.560
attitude	<---	Shariah	-0.289***	0.084	-3.519
attitude	<---	individualism	-0.304***	0.071	-4.226
intention	<---	awareness	-0.202*	0.063	-2.394

intention	<---	attitude	0.317***	0.096	2.946
intention	<---	image	0.082	0.112	0.967
intention	<---	Shariah	0.001	0.082	0.009
intention	<---	individualism	-0.005	0.071	-0.066

Note: ***and *denote significance at the 0.01 and 0.05 levels, respectively

5.7 Indirect effect analysis

Four factors (image, awareness, individualism and non-Shariah compliance) were tested to understand their indirect effect on intention mediated by attitude, this is consistent with the theoretical model of this study. As mentioned above, only awareness has a direct effect on intention and will be tested for partial indirect effect, while image, individualism and non-Shariah compliance did not have any direct effect on intention and hence they will be tested for full indirect effect. As per Cohen (1988), the standardized path coefficient of values less than 0.1 show a small indirect effect. While values of .30s show a medium effect and values equal to or above 0.5 show a major effect. Table V provides the indirect effects and the significance of each of them. All tested factors (image, awareness, individualism and non-Shariah compliance) have significant but low effects < (0.1). Individualism and non-Shariah compliance have significant negative full indirect effects mediated by attitude. While awareness has a negative significant partial indirect effect on intention mediated by attitude. Image has a positive significant full indirect effect on intention mediated by attitude. The model is consistent with the theory, except for awareness which has an effect directly and indirectly on intention.

Furthermore, the squared multiple correlation (R^2) was extracted for each endogenous variable. As per Cohen (1988), R^2 indicates the size of the predicted variable for each endogenous variable. Values of .01, .09 and .25 represent small, medium and large prediction respectively (Cohen, 1988). In this study, the R^2 of attitude is 0.396 and 0.226 for intention, indicating large predictions of these variables.

6. Hypotheses testing

Table VI provides information about hypotheses testing and the β etas and whether the hypothesis is supported or not.

Table V: Testing indirect effects

Destination		Origin	Stand direct effect	Stand indirect effect (through attitude)	Result
intention	<---	individualism	-0.005	-0.096***	full indirect effect
intention	<---	awareness	-0.202*	-0.083***	partial indirect effect
intention	<---	Shariah	0.001	-0.092***	full indirect effect
intention	<---	image	0.082	0.064*	full indirect effect

Note: ***and *denote significance at the 0.01 and 0.05 levels, respectively

The results showed that all the hypotheses are supported. The results also showed that two factors, namely attitude and unawareness, have significant direct effects on the intention of customers to deal with Islamic banking.

Table VI

Hypothesis	Pathway	β	Supported
H1	IMG ---> ATT	0.200***	YES
H2	SHR ---> ATT	-0.289***	YES
H3	IND ---> ATT	-0.304***	YES
H4	AWR--->ATT	-0.262***	YES
H5	ATT ---> INT	0.317***	YES
H6	IMG---> ATT ---> INT	0.064*	YES
H7	AWR---> ATT ---> INT	-0.083***	YES
H8	SHR ---> ATT ---> INT	-0.092***	YES
H9	IND---> ATT ---> INT	-0.096***	YES

Note: ***and *denote significance at the 0.01 and 0.05 levels, respectively

Unawareness has a negative significant effect on intention, this is in line with several previous studies showing that lack of awareness about Islamic banking mechanisms and concepts affects negatively the intention to deal with it (Hamid and Nordin, 2001; Wahyuni, 2012; Sabirzyanov, 2016) . The hypothesis in this study was that there is an indirect effect of awareness on intention, which we will discuss later in this section.

Also, attitude has a positive significant effect on intention, this is in line with the theoretical model and provides robustness for the TPB and TRA, and comes in line with the results of several previous studies showing that attitude is a main factor to determine the intention of

customers to deal with Islamic banking (Amin et al., 2013; Amin et al., 2014b). Hence hypothesis H5 is supported.

The results also showed that there are 4 factors that affect customers' attitude directly. The strongest factor affecting attitude was the individualism of customers when choosing a bank. This factor affected the attitude negatively and it might be due to the fact that UAE society is a collectivist society as per Hofstede's cultural dimensions², and religious by nature (AlMazrouei et al, 2016), making it an individualistic decision to steer away from Islamic banking and go to conventional banking as the society promotes dealing with Islamic banks.

The other factors affecting attitude negatively are unawareness about Islamic banking mechanisms and contracts and the belief that they are not Shariah compliant. these two factors are correlated, and this is in line with the studies of Ahmad and Haron (2002) and Awan and Azhar (2014). This suggests that customers have formed an opinion that these banks are not Shariah compliant with the minimum level of knowledge they hold about them, which affects their attitude about Islamic banks.

Image was the important factor positively affecting the attitude towards Islamic banks. This is in line with the findings of Arshad et al. (2016) Sarina Ismail et al. (2007) and Yasin et al. (2009), and seems logical if individualism is considered when making a selection decision. Image and prestige correlate positively with attitude towards Islamic banking. Furthermore, the results showed that the same factors affecting attitude affect intention with the same sign, even though the effect of these factors (non-Shariah compliant, individualism and image) are less on intention than on attitude. The fact that these factors affect intention mediated by attitude throws light on the importance of these factors for Islamic banks.

The results of this study also confirm that attitude is a reliable mediator. This finding is consistent with Sarina Ismail et al., (2007) and Yasin et al. (2009) that prove the importance of attitude as a mediating factor in consumer research. This proves that the effect of image, Shariah compliance, individualism and partially awareness can be mediated by customer attitude, or customer attitude can serve as a benchmark to measure customers' intention to deal with Islamic banking.

With regards to the fitness of the model, R^2 reached 0.5712, which can be considered to be high and R^2 of attitude is 0.396 and for intention is 0.226, indicating large predictions of these variables. Attitude and awareness predict 22.6% of the total variation in intention. While awareness, individuality, image and non-Shariah compliance predicts 39.6% of the variation in attitude.

² <https://www.hofstede-insights.com>

7. Conclusion

The study provides the factors affecting attitude towards Islamic banks, and the importance of these factors in affecting the intention to deal with Islamic banks. The study shows the negative effect of non-Shariah compliance, individualistic customers and unaware customers on attitude, and highlights the positive effect of the bank's image on attitude. The study also showed the direct effect of awareness and attitude on intention to deal with Islamic banks.

The study contributes to the literature in several areas. First, the study contributes to the behavioural study of Islamic finance by adding the factors affecting intention mediated by attitude (image, Shariah compliance, individualism and awareness). Second, the study enhances the understanding of customers' attitude by including several factors affecting attitude. Third, the study provides a proof of the importance of attitude as a mediator between several factors and the intention to deal with Islamic banks.

8. Implications and limitations

Several implications are suggested by the results. First, Islamic banks should work on their Shariah compliance reputation, as the study suggests that customers do not believe that these banks are Shariah compliant and they believe that these banks are copying conventional practices. Islamic banks should work on authentic Shariah compliant products which can help in restoring the trust of customers. Also, Islamic banks should work on the education aspect as a selling point; the study showed that people are not educated about the mechanisms and this affects their attitude and intention to deal with Islamic banks. Lack of awareness might also be a reason for customers to believe that Islamic banks are not Shariah compliant. Increasing awareness might increase the understanding of customers that these products are fully compliant with the Shariah, furthermore, increasing awareness should focus on the role of the Shariah board and his role in the Bank. Stressing on simple and known Islamic products by the marketing department and the Shariah board can help eliminate the believe that these banks are not following Shariah. The new complicated Islamic contracts might be a reason for customers to drive away from Islamic banking. Also, the study approaches a new factor that affects attitude negatively which is individualism. The study shows that even though the UAE is a high collectivism society, the more individualistic the customer, the more he/she will be unwilling to deal with Islamic banks. This suggests that Islamic banks should focus on the community rather than the individual, whereas the fact that the image of the bank is positively affecting the attitude of customers towards Islamic banks suggest that banks are focusing on individuals rather than the society in their marketing approach. Suggesting that Islamic banks work towards a community approach, may increase business by affecting the attitude of customers. As papers published from the MENA region account for less than 1% of the total papers published, even though the population of this region

account for 6% of world population (Balakrishnan, 2013) , this paper is trying to shed a light on a specific market in the MENA region (UAE).

Finally, the study contributes to the theoretical literature in extending the Multi-Attribute Attitude Model. The study comes as a proof to the importance of the model and the ability to extend it for future research in Behavioural finance.

The study suffers from several limitations. First, the study has used a sample size of 178 participants and has been conducted in three cities, thus the rest of the country has been overlooked. The results of this study will affect all customers in UAE so future research might return to this aspect. Furthermore, the R^2 of attitude in this study is 39.6% for attitude and 22.6% for intention, suggesting that there are many other factors affecting attitude and intention that can be included in future studies. The sample consist of 171 Muslims and 7 non-Muslims, as per the Islamic banking Index³, non-Muslims who hold an Islamic current account are 14% and they hold it along with a conventional current account. But as this study focused on UAE nationals (50% of the sample) and UAE national are 100% Muslims, the number of non-Muslims compared to the rest of the sample (88 participants) in this study is 9%, a little lower than 14%, this can be covered in future studies focusing on all components of the community.

³ https://www.emiratesislamic.ae/eng/assets/files/EI_White_Paper_English.pdf

References

- Aaminou, M. W. and Aboulaich, R. (2017) 'Modeling Consumers' Behavior in New Dual Banking Markets: The Case of Morocco', *Review of Pacific Basin Financial Markets and Policies*, 20(2), pp. 1–24. doi: 10.1142/S0219091517500096.
- Ahmad, N. and Haron, S. (2002) 'Perceptions of Malaysian corporate customers towards Islamic banking products and services', *International Journal of Islamic Financial Services*, 3(4), pp. 13–29.
- Ahmad, W. M. W. et al. (2008) 'Religiosity and Banking Selection Criteria Among Malays in Lembah Klang', *Shariah Journal Jurnal Syariah Jil*, 16(2), pp. 99–130.
- Ajzen, I. (1991) 'The theory of planned behavior', *Organizational behavior and human decision processes*. Elsevier, 50(2), pp. 179–211.
- Al-Ghazzali, M. (1937) *Al-Mustasfa*. Vol. 1. al-Maktabah al-Tijariyyah al-Kubra, Cairo:
- Al-muharrami, S. and Murthy, Y. S. R. (2017) 'Interest banking spreads in Oman and Arab GCC', *International Journal of Emerging Markets*. Emerald Publishing Limited, 12(3), pp. 532–549..
- Al-Tamimi, H. A. H., Lafi, A. S. and Uddin, M. H. (2009) 'Bank image in the UAE: Comparing Islamic and conventional banks', *Journal of Financial Services Marketing*. Palgrave Macmillan, 14(3), pp. 232–244.
- Alam, S. S. et al. (2012) 'Is Religiosity an important factor in influencing the intention to undertake Islamic home financing in Klang Valley?', *World Applied Sciences Journal*. International Digital Organization for Scientific Information, 19(7), pp. 1030–1041.
- Amin, H. (2012) 'Patronage factors of Malaysian local customers toward Islamic credit cards', *Management Research Review*, 35(6), pp. 512–530. doi: 10.1108/01409171211238271.
- Amin, H. et al. (2017) 'Consumer attitude and preference in the Islamic mortgage sector: a study of Malaysian consumers', *Management Research Review*. Emerald Publishing Limited, 40(1), pp. 95–115.
- Amin, H., Abdul-Rahman, A.-R. and Abdul-Razak, D. (2013) 'An integrative approach for understanding Islamic home financing adoption in Malaysia', *International Journal of Bank Marketing*, 31(7), pp. 544–573.
- Amin, H., Abdul-Rahman, A.-R. and Abdul Razak, D. (2014) 'Theory of Islamic consumer behaviour', *Journal of Islamic Marketing*, 5(2), pp. 273–301.
- Amin, H., Rahim Abdul Rahman, A. and Abdul Razak, D. (2014) 'Consumer acceptance of Islamic home financing', *International Journal of Housing Markets and Analysis*, 7(3), pp. 307–332.
- Anwar, S. A. and Chaker, M. N. (2003) 'Globalisation of Corporate America and its Implications for Management Styles in an Arabian Cultural Context', *International Journal of Management*. ProQuest Central pg, 20(1), pp. 43–52.
- Arshad, T., Zahra, R. and Draz, U. (2016) 'Impact of Customer Satisfaction on Image, Trust, Loyalty and the Customer Switching Behavior in Conventional and Islamic Banking: Evidence from', *American Journal of Business and Society*, 1(3), pp. 154–165.
- Al Awad, M. (2008) *The population of Dubai*, Dubai Economic Council.

- Awan, G. A. and Azhar, M. (2014) 'CONSUMER BEHAVIOUR TOWARDS ISLAMIC BANKING IN PAKISTAN Abdul Ghafoor Awan & Maliha Azhar Department of Business Administration, Institute of Southern Punjab-Pakistan', 2(9), pp. 42–65.
- Balakrishnan, M. S. (2013) 'Methods to increase research output: some tips looking at the MENA region', *International Journal of Emerging Markets*. Emerald Group Publishing Limited, 8(3), pp. 215–239.
- Bley, J. and Kuehn, K. (2004) 'Conventional versus Islamic finance: student knowledge and perception in the United Arab Emirates', *International Journal of Islamic Financial Services*, 5(4), pp. 17–30.
- Chen, L., Gillenson, M. L. and Sherrell, D. L. (2004) 'Consumer acceptance of virtual stores', *ACM SIGMIS Database. ACM*, 35(2), pp. 8–31. doi: 10.1145/1007965.1007968.
- Cohen, J. (1988) *Statistical power analysis for the behavioral sciences* (2nd. ed.), *Statistical power analysis for the behavioral sciences* (2nd. ed.).
- Department of State US, A. (2016) UNITED ARAB EMIRATES 2016 INTERNATIONAL RELIGIOUS FREEDOM REPORT. Available at: <https://www.state.gov/documents/organization/269162.pdf> (Accessed: 29 November 2017).
- Economist, T., Unit, I. and Kingdom, U. (2006) 'United Arab Emirates', *Intelligence*. Available at: <https://www.state.gov/documents/organization/171747.pdf> (Accessed: 6 June 2017).
- Erol, C. and El-Bdour, R. (1989) 'Attitudes, Behaviour and Patronage Factors of Bank Customers Towards Islamic Banks', *International Journal of Bank Marketing*, 7(6), pp. 31–37..
- Fishbein, M. (1963) 'An Investigation of the Relationships between Beliefs about an Object and the Attitude toward that Object', *Human Relations*. Sage PublicationsSage CA: Thousand Oaks, CA, 16(3), pp. 233–239.
- Fishbein, M. and Ajzen, I. (1975) 'Belief, Attitude, Intention and Behaviour: An Introduction to Theory and Research', Reading MA AddisonWesley, (August), p. 480. doi: 10.2307/2065853.
- Gladwin, T. N. and Hofstede, G. (1981) *Culture's Consequences: International Differences in Work-Related Values*, *The Academy of Management Review*. Sage Publications.
- Gopi, M. and Ramayah, T. (2007) 'Applicability of theory of planned behavior in predicting intention to trade online', *International Journal of Emerging Markets*. Emerald Group Publishing Limited, 2(4), pp. 348–360.
- Hair, J. F. et al. (1998) *Multivariate Data Analysis with Reading*, Englewood Cliffs, NJ: Prentice Hall.
- Hair, J. F. et al. (2010) 'Multivariate Data Analysis', *Vectors*, p. 816.
- Hamid, A. H. A. and Nordin, N. A. M. (2001) 'A Study on Islamica Banking Education and Strategy for The New Millenium - Malaysian Experiance', *International Journal of Islamic Financial Services*, 2(4), pp. 1–10.
- Haron, S., Ahmad, N. and Planisek, S. L. (1994) 'Bank Patronage Factors of Muslim and Non-Muslim Customers', *International Journal of Bank Marketing*, 12(1), pp. 32–40.
- Hofstede, G. (2002) 'Culture's Consequences: Comparing Values, behaviors, institutions, and

- Organisations Across Nations*, *Australian Journal of Management*, 27(1), pp. 89–95.
- Hu, L. and Bentler, P. M. (1999) 'Cutoff criteria for fit indexes in covariance structure analysis: Conventional criteria versus new alternatives', *Structural Equation Modeling: A Multidisciplinary Journal*. Taylor & Francis Group, 6(1), pp. 1–55.
- Jabnoun, N. and Khalifa, A. (2005) 'A customized measure of service quality in the UAE', *Managing Service Quality: An International Journal*. Emerald Group Publishing Limited, 15(4), pp. 374–388.
- Jahoda, M. and Fishbein, M. (1968) *Readings in Attitude Theory and Measurement*, The British Journal of Sociology. Wiley.
- Jamal, A. and Naser, K. (2002) 'Customer satisfaction and retail banking: an assessment of some of the key antecedents of customer satisfaction in retail banking', *International Journal of Bank Marketing*, 20(4), pp. 146–160.
- Jamid Ul Islam and Zillur Rahman (2016) 'Awareness and willingness towards Islamic banking among Muslims: An Indian perspective', *International Journal of Islamic and Middle Eastern Finance and Management*, 10(1), pp. 92–101.
- Jinjiri Ringim, K. (2014) 'Perception of Nigerian Muslim account holders in conventional banks toward Islamic banking products', *International Journal of Islamic and Middle Eastern Finance and Management*, 7(3), pp. 288–305.
- Kashima, Y. et al. (1992) 'Do people believe behaviours are consistent with attitudes? Towards a cultural psychology of attribution processes', *British Journal of Social Psychology*, 31(2), pp. 111–124.
- Khair, K., Gupta, L. and Shanmugam, B. (2008) *Islamic banking: A practical perspective*. Pearson Longman.
- Kleijnen, M., Wetzels, M. and de Ruyter, K. (2004) 'Consumer acceptance of wireless finance', *Journal of financial services marketing*. Palgrave Macmillan, 8(3), pp. 206–217. doi: 10.1057/palgrave.fsm.4770120.
- Kline, R. B. (2015) *Principles and practice of structural equation modeling*. Guilford publications.
- Lee, H., Lee, C. and Wu, C. (2011) 'Brand image strategy affects brand equity after M&A', *European Journal of Marketing*. Emerald Group Publishing Limited, 45(7/8), pp. 1091–1111.
- Lee, K. and Ullah, S. (2011) 'Customers' attitude toward Islamic banking in Pakistan', *International Journal of Islamic and Middle Eastern Finance and Management*, 4(2), pp. 131–145.
- Ltifi, M. et al. (2016) 'The determinants of the choice of Islamic banks in Tunisia', *International Journal of Bank Marketing*, 34(5), pp. 710–730.
- Lykakis, I. N. et al. (2010) 'Separation of cis/trans geometrical fatty acid isomers by silver-exchanged zeolite Y', *Tetrahedron*, 66(12), pp. 2203–2209. doi: 10.1016/j.tet.2010.01.032.
- M. Bizri, R. (2014) 'A study of Islamic banks in the non-GCC MENA region: evidence from Lebanon', *International Journal of Bank Marketing*. Emerald Group Publishing Limited, 32(2), pp. 130–149.

- Md. Taib, F., Ramayah, T. and Abdul Razak, D. (2008) 'Factors influencing intention to use diminishing partnership home financing', *International Journal of Islamic and Middle Eastern Finance and Management*, 1(3), pp. 235–248.
- Md Husin, M. and Ab Rahman, A. (2016) 'Do Muslims intend to participate in Islamic insurance?', *Journal of Islamic Accounting and Business Research*, 7(2), pp. 42–58.
- Nguyen, N. and Leblanc, G. (2001) 'Corporate image and corporate reputation in customers' retention decisions in services', *Journal of Retailing and Consumer Services*. Elsevier, 8(4), pp. 227–236.
- Nunnally, J. C. (1978) *Psychometric theory* (2nd ed.). (New York: McGraw-Hill). McGraw-Hill. Hillsdale, NJ.
- Pitlik, H. and Rode, M. (2017) 'Individualistic values, institutional trust, and interventionist attitudes', *Journal of Institutional Economics*, 13(3), pp. 575–598.
- Podsakoff, P. et al. (2003) 'Common method biases in behavioral research: A critical review of the literature and recommended remedies.', *Journal of Applied Psychology*.
- Ramayah, T. et al. (2009) 'A decomposed theory of reasoned action to explain intention to use Internet stock trading among Malaysian investors', *Computers in Human Behavior*. Pergamon, 25(6), pp. 1222–1230.
- Rashid, M., Hassan, M. K. and Ahmad, A. U. F. (2009) 'Quality Perception of the Customers towards Domestic Islamic Banks in Bangladesh', *Journal of Islamic Economics, Banking and Finance*, 5(1), pp. 109–131.
- Reza Jalilvand, M., Shahin, A. and Nasrolahi Vosta, L. (2014) 'Examining the relationship between branding and customers' attitudes toward banking services', *International Journal of Islamic and Middle Eastern Finance and Management*, 7(2), pp. 214–227.
- Sabirzyanov, R. (2016) 'Islamic financial products and services patronizing behavior in Tatarstan: The role of perceived values and awareness', *Journal of King Abdulaziz University, Islamic Economics*, 29(1), pp. 111–125.
- Saqib, L., Farooq, M. A. and Zafar, A. M. (2016) 'Customer perception regarding Sharī'ah compliance of Islamic banking sector of Pakistan', *Journal of Islamic Accounting and Business Research*, 7(4), pp. 282–303.
- Sarina Ismail et al. (2007) 'Factors Influencing Auditors' Acceptance of the Practice Review System', *Asian Academy of Management Journal of Accounting and Finance*, 12, pp. 57–82.
- Sayani, H. (2015) 'Customer satisfaction and loyalty in the United Arab Emirates banking industry', *International Journal of Bank Marketing*, 33(3), pp. 351–375.
- Sayani, H. and Miniaoui, H. (2013) 'Determinants of bank selection in the United Arab Emirates', *International Journal of Bank Marketing*, 31(3), pp. 206–228.
- Schiffman, Leon G. Kanuk, L. L. (2007) *Consumer Behavior*. 10th edn. Upper Saddle River, NJ, USA: Pearson Prentice Hall.
- Shi, W., Shambare, N. and Wang, J. (2008) 'The adoption of internet banking: An institutional theory perspective', *Journal of Financial Services Marketing*. Springer, 12(4), pp. 272–286.
- Shukla, P. (2008) *Essentials of marketing research*, *Essentials of Marketing Research*.

- 'United Arab Emirates Monetary , Banking & Financial Markets Developments 4 th Quarter 2014 March 2015' (2015), (March). Available at: https://www.centralbank.ae/en/pdf/reports/UAE_Monetary_Developments-Q1-2017En.pdf (Accessed: 4 June 2017).*
- Volkema, R. J. (1998) 'a Comparison of Perceptions of Ethical Negotiation Behavior in Mexico and the United States', International Journal of Conflict Management, 9(3), pp. 218–233.*
- Wahyuni, S. (2012) 'Moslem Community Behavior in The Conduct of Islamic Bank: The Moderation Role of Knowledge and Pricing', Procedia - Social and Behavioral Sciences. Elsevier B.V., 57, pp. 290–298.*
- Wajdi Dusuki, A. and Irwani Abdullah, N. (2007) 'Why do Malaysian customers patronise Islamic banks?', International Journal of Bank Marketing, 25(3), pp. 142–160.*
- Whittaker, T. A. (2011) A Beginner's Guide to Structural Equation Modeling. Routledge.*
- Yasin, N. M. et al. (2009) The Mediating Effects of Attitude Towards Parallel Imports in Consumer Personality - Purchase Intention Linkage, Jurnal Pengurusan. Penerbit Universiti Kebangsaan Malaysia.*
- Yousafzai, S. Y., Foxall, G. R. and Pallister, J. G. (2010) 'Explaining internet banking behavior: Theory of reasoned action, theory of planned behavior, or technology acceptance model?', Journal of Applied Social Psychology, 40(5), pp. 1172–1202.*

Appendix

1. Appendix A, Survey Items

<i>nt1</i>	My general intention to choose Islamic banking is very high
<i>nt2</i>	I will think about choosing Islamic banking services
<i>nt3</i>	I will choose Islamic banking services in the future
<i>tt1</i>	I feel that choosing Islamic banking is a wise idea
<i>tt2</i>	I feel that choosing Islamic banking is a good idea
<i>tt3</i>	I like to choose Islamic banking
<i>mg1</i>	I prefer dealing with a big Islamic bank rather than a small one
<i>mg2</i>	The logo and design of the Islamic bank are very important to me
<i>mg3</i>	There should be mass marketing of the Islamic bank in order for me to deal with it
<i>hr1</i>	I believe the Islamic finance concept is a scam because it uses Sharia to make more money
<i>hr2</i>	Islamic banks are copying conventional banks and they don't have genuine products
<i>hr3</i>	I believe there is no difference between Islamic banks and conventional banks, only in name.
<i>wr1</i>	I totally understand the Islamic finance mechanisms and contracts (Murabaha, Ijarah, Musharakah) (recoded)
<i>wr2</i>	I need to understand the Islamic finance contracts and the way they work before I deal with them
<i>wr3</i>	I don't need to understand the Islamic finance system (recoded)
	I will choose the bank myself, and won't be affected by anyone else

