

The Mediating Effect of Disclosure on the Relationship Between Corporate Governance Mechanisms and Firm Performance of Islamic Banks

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Abstract

This research investigates the relationship between corporate governance (CG) mechanisms and SSB mechanisms on the firm's performance of Islamic bank affected by the mediating variable of CG disclosure. CG is expected to be relevant to Islamic banks in strengthening the infrastructure of Islamic financial institutions (IFIs). Though a limited amount of research against on CG and performance of Islamic banks has been carried out, this study tries to explore more on the CG and firm performance, particularly in the context of Islamic banks and CG disclosure as a mediating variable to strengthen this relationship. This paper aims to address CG disclosure as a mediating variable as a gap in this study. The empirical procedures involve panel data analysis is applied from the annual reports of Islamic banks in the Southeast Asian (SEA) and the Gulf Cooperation Council (GCC) regions from 2012 to 2017. Based on the reviews past literature, the result provides evidence that stronger CG strength and *Shari'ah* supervisory board (SSB) strength have a relationship with a higher level of firm performance of the Islamic bank. This study contributes to the literature regarding how CG disclosure as a mediating variable influences the relationship between CG strength, SSB strength and firm performance of Islamic banks.

Keywords: Corporate Governance, Disclosure, Firm Performance, Islamic bank

Introduction

Islamic banks have become an important sector that contributes to economic wealth and development in many countries. The recently issued competitiveness report of World Islamic Banking Competitiveness Report for the years 2016, by Ernst & Young, showed that the sector achieved a growth of 16 per cent in terms of assets in the period between 2010 and 2014 (Ernst & Young, 2016). Interestingly, the growth was significantly higher for Islamic banks than for conventional banks and is expected to reach an estimated value of USD 1.8 trillion in 2020

in the important major markets, which are the Gulf Cooperation Council (GCC), Malaysia, Indonesia, Pakistan, and Turkey (Ernst & Young, 2016)

The recent global financial crisis in the year 2007 and 2008 has received significant attention from several academics and practitioners (Erkens, Hung, & Matos, 2012). They argue that the CG mechanism has resolved the conflict among stakeholder and management of the company, and the CG mechanism aims not functioned appropriately to preserve from stakeholders interest. Board of director and management of the company plays an important role in CG mechanism (Weiyang & Baofeng, 2008). Board of director and management of the organisation gives key and authority direction, appraisal of administration, target judgment and venture choice for the company (Adams, Hermalin, & Weisbach, 2010). Attention to the CG mechanism increased recently by many scholars. CG mechanism as the fundamental internal mechanism has been mentioned in many kinds of literature (Ararat, Black, & Yurtoglu, 2017; Basu & Dimitrov, 2010; Bhagat & Bolton, 2009; Black, Carvalho, Khanna, Kim, & Yurtoglu, 2016). However, based on The Organisation for Economic Co-operation and Development (OECD) (2015) and The Basel Committee on Banking Supervision (BCBS) (2015) overseeing the management performances and supervising the company strategy do by the board of director and management of the company. The CG has been further categorised by the board of directors and management of the company.

In recent years, the CG mechanism has received considerable attention in Islamic finance. The dimension of the CG mechanism in Islam which is different from the western concept refers to its fundamentals concept whereas, in the Islamic concept, it is based on the *Shari'ah* principle. The fundamental principles of *tawhīd*, *shura*, property rights and commitment to a contractual obligation that govern the economic and social behaviour require IFIs to comply with the *Shari'ah* rules and principles (Darmadi, 2013; Grassa, 2015; Ratri & Dewi, 2017; Thajudeen, 2013). At this stage, CG structure and disclosure in IFIs need additional measures of governance for the purpose of *Shari'ah* compliance based on the *Shari'ah* principle, known as *Shari'ah* governance (SG) (Alkhamees, 2013). As part of the CG framework in IFIs, *Shari'ah* governance is the very essence of Islamic finance practice in building and maintaining the confidence of the shareholders and other stakeholders and assuring them that all transactions, practices and activities are in compliance with the *Shari'ah* principles and can be affected the financial performance of Islamic bank (Alkhamees, 2013; Hameed et al., 2016; Ratri & Dewi, 2017).

Many researchers have studied the impact of CG mechanisms on firms' performance from different environments in the different perspectives using some variables of interest (Al-Malkawi & Pillai, 2018; Asutay & Harningtyas, 2016; Budiman, Kristanti, & Wardhana, 2016; Darmadi, 2013; Elsiddig, 2017; Ghayad, 2008; Hamza, 2013; Kasim, Nu Nu Htay, & Ahmed Salman, 2016; Khamar Tazilah, Ahamad Rapani, Abdul Halim, & Majid, 2017; Kusuma & Ayumardani, 2016; Mollah, Hassan, & Al-Farooque, 2014; Naushad & Malik, 2015; Noordin, Kassim, Prabangasta, & Hayeeyahya, 2015; Srairi, 2015). The researchers' found mixed results on the relationship between CG mechanisms, SSB mechanisms and firms' performance. For this study, CG and SSB mechanism have been translated to be CG strength and SSB strength. Furthermore, in this study, CG disclosures will be used as mediating variables to strengthen the relationship between CG and SSB strengths and firm performance of the Islamic banking.

Literature Review

Corporate Governance and Performance in Islamic Financial Institutions

CG of IFIs allows ensuring fairness to all stakeholders through greater transparency and accountability towards Islamic principle. The CG of a *Shari'ah* business would first look at the transactional structure to see whether the transaction involves elements that invalidate gains or profits since *Shari'ah* principle is involved not only with the material but also with the form of business (Haider, Khan, & Iqbal, 2015). In effect, CG for IFIs stems from two principal elements it is a faith-based approach that directives are running of the company in synchronisation with *Shari'ah* principle and a profit-motive that recognises company and investment transactions to the maximisation of shareholder's wealth (Elsiddig, 2017). Hence, the main feature of the CG in the IFIs is ensuring the compliance with the *Shari'ah* principle. The Effective CG may significantly help to strengthen Islamic banks and to assist Islamic banks in increasing rapidly and performing their responsibility efficiently (Elsiddig, 2017). CG on Islamic banking will become serious when the institutions more extensive. The problems become more complicated when the Islamic banks more extensive, which will doubt their ability. CG in Islamic banks can be leading better management in Islamic banks and to meet the challenges effectively that Islamic banking face.

The CG deals with the way how firms are managed and controlled and how accountability is assured. The efficiency of CG mechanisms in an Islamic bank organisation may help the company to reach its objectives, including its risk management and affect the financial performance of the Islamic bank (Mollah, Hassan, Al Farooque, & Mobarek, 2016). The CG mechanism ensures the management acts in the best interest of the company and minimises the agency cost. The CG framework is one of the important keys to increasing the efficiency in business monitoring. The implementation of the CG mechanism is expected to attain a balance of many interests that give benefit to the company. Good financial performance is crucial for Islamic banking to be able to keep maintaining the existence of the banking listed as a viable investment for the banking sectors (Mollah & Zaman, 2015). A study by Mollah et al. (2016) shows that the governance structure in Islamic banks agrees them to take higher risks and accomplish better performance as a result of item complexities and exchange instruments. However, the higher capitalisations in Islamic banks are maintained compared to conventional banks.

While there have been numerous studies on CG in the Islamic banking sector (Ahmed, Zalailah, Hafiza, & Hashim, 2016; Alkhamees, 2013; Chapra & Habib, 2002; Farag, Mallin, & Ow-Yong, 2017; Grais & Pellegrini, 2006; Grassa & Matoussi, 2014; Nienhaus, 2003; Thajudeen, 2013), and there are studies has been written about the relationship between CG and their firm performance of Islamic banking (Bukair & Abdul Rahman, 2015; Elsiddig, 2017; Ghayad, 2008; Haider et al., 2015; Yongqiang Li, Armstrong, & Clarke, 2014; Mallin, Farag, & Ow-Yong, 2014; Mollah et al., 2014, 2016; Mollah & Zaman, 2015; Platonova, 2014; Srairi, 2015). Mollah et al., (2016) study about the difference in governance structures influences the risk-taking and performance of Islamic banks compared to conventional banks. In this study, Mollah et al., (2016) used 104 conventional banks and 52 Islamic banking from 2005 to 2013 in 14 countries for their sample. In this study, they determine that the governance structure in Islamic banks play an important function in risk-taking as well as firm performance that is different from conventional banks. Particularly, the achievement of better

performance in Islamic banks in the transaction mechanisms and product complexities cause of the governance structure that has been complying.

Corporate Governance and Disclosure

In recent years, there has been an increasing interest in CG disclosure in Islamic banks and these lead, more standards have been used to confirm that all disclosed information needs to meet the standards which had been identified (Wan Ibrahim, Ismail, & Wan Mohd Zabaria, 2011). These standards expose their business information and act as the guide to the banks formally or informally. There are many improvements in accounting, auditing, ethics, governance, and *Shari'ah* standards when Islamic banking is introduced. In this perspective, the international guideline like Accounting and Auditing Organisation for Islamic Financial Institutions (AAOIFI) are commonly used by the IFIs worldwide and responsible for preparing accounting and auditing standards (AAOIFI, 2010). To enhance the public trust in *Shari'ah* investment instruments, AAOIFI standards play an important role to promote transparency and comparability of annual report disclosure in IFIs. Amongst the standards are the objectives, concepts and general presentation and disclosures in the financial statements of IFIs.

The discussion on the features of CG mechanisms (i.e. board size, board independence, CEO duality; AC size, AC independence, AC expertise) as CG strength which is expected to affect the firm performance of Islamic bank and mediated by the disclosure. Generally, the board are decided by laws or Memorandum of Association (MOA) of the Islamic banking. It is knowledgeable to set a recommendation in term of board size within a certain range but not the exact number. The motivation behind the range is to maintain a strategic distance from unexpected conditions which could drive the board to disregard the laws. Term limits and constant achievement secure a constant balance of board of directors' size. There have been several studies in the literature reporting that the possibility of financial statement fraud to happen is higher when board size is large (Beasley, 1996; Dechow, Sloan, & Sweeny, 1996). The larger board of directors size is related to lower effectiveness and decreasing firm performance because these may lead to problems in communication and coordination (Eisenberg, Sundgren, & Wells, 1998). Nguyen, Rahman, Tong, and Zhao (2015) found a strong evidence of a negative relationship between board size and firm performance of the companies. Company with a large board are associated with CEO compensation that is sensitive to company size, but not too firm performance. The compatible with the way that organisations with an expansive board likewise show bring down working execution and higher working expenses. Nevertheless, due to the concerns of Islamic bank in safeguarding stakeholders' rights, this paper argues that size of boards directors should be larger in order to represent the broader group of stakeholders in accordance with the Islamic CG model, as suggested by Bukair and Abdul-Rahman (2015), Al-Malkawi and Pillai (2018) and Bhatti and Bhatti (2009).

Many researchers have argued that the positive relationships between board independence and disclosure in annual report of company (Abdallah, Hassan, & McClelland, 2015; Alnabsha, Abdou, Ntim, & Elamer, 2017; Che Haat, Abdul Rahman, & Mahenthiran, 2008; Cong & Freedman, 2011; Haldar et al., 2018). There is positive the relationship between board independence with the transparency and disclosure of the company in Islamic banks (Haniffa & Cooke, 2002). The better awareness to disclose more on CG information in the annual

report when the board independent in the company are large. A better decision in regulating and monitoring the actions of top management can achieve when the more independent board in the company (Fuzi, Halim, & Julizaerma, 2016). According to Laksmana (2008), more independent boards and compensation committees are more likely to make objective decisions by supporting greater disclosure.

Overseeing the audit process and managing the process of internal audit for the company are scope and responsibilities of AC. The larger of the AC, the more responsibility could be delegated to the committee and this similar to the arguments related to the board of directors. Thus, the lead to a higher level of disclosure, providing tough monitoring and affected the firm performance because of large AC size (Ben Barka & Legendre, 2016; Detthamrong, Chancharat, & Vithessonthi, 2017). Hence, this study proposes that large AC size persuades more transparency in the financial report of Islamic banking. AC independence promotes greater efficiency in the monitoring of internal controls and the financial reporting of the company (Barua, Rama, & Sharma, 2010). The members of the AC independent are more likely want to maintain their own status, less responsible for being manipulated by the others whose interests might be served in an annual report submitted is biased. The members of the independent AC should also be more likely to report the annual report with a higher audit quality (Abbott, Park, & Parker, 2000; Anderson, Mansi, & Reeb, 2004; Klein, 2002).

Role duality in position exists when the chairperson of the board also holds the positions of the CEO in the company (Boyd, 1995). There are two options regarding the board leadership structure, it is CEO duality, and the other option is to separate the roles of CEO (Krause, Semadeni, & Cannella, 2014). CEO duality has been supported by some theorists and regulators meanwhile in others theorists and regulators support the separation of roles. The role duality of CEO and chairman can create individual separation power that would affect the effective control exercised by the board that predicts by agency theory. For instance, Fama and Jensen (1983), Yang and Zhao (2014), Aktas (2018) and Wan Abdullah et al. (2015), all argued that, for a board to be effective, it is imperative to separate the chief executive and the chairman roles. The powerful CEOs may promote transparency about company activities for their private benefits (Deman, Jorissen, & Laveren, 2018). This study proposes that the separations of role duality of CEO will encourage greater transparency through appropriate corporate disclosure, enhanced monitoring efficient control and affected the firm performance of the Islamic bank. This study has been totally up all the CG mechanisms to the CG score. Overall CG score is calculated for Islamic banking (the score will be totally up and become the CG strength).

The relationship between Corporate Governance, Disclosure and Performance in Islamic banks

The level of disclosure and transparency and timeliness of reporting on the annual report can be influenced by CG mechanism (Haniffa & Cooke, 2002). The information disclosure in annual reports has been managing by the board of directors and management of the company (Hameed et al., 2016). The timeliness and quantity of information disclosure in the annual report are decided by the board of directors', especially voluntary items. The importance of transparency and disclosure factor (Haniffa & Cooke, 2002) as well as timely reporting (Darmadi, 2013) in a relationship with CG, this study attempts to test whether CG mechanisms have a positive relationship with the level of transparency and disclosure of the Islamic bank's

annual report. Then, in turn, a higher level of transparency and disclosure may be able to positively affect firm performances because of the reducing the cost of capital and information asymmetry as argued by Lang and Lundholm (2000) and Cui, Jo and Na (2018). There is a limited study on the CG disclosure as a mediating variable either in the company or banking sectors. According to Wan Abdullah et al. (2015), the influence stronger sets of CG mechanisms in Islamic banks are associated with a higher level of voluntary CG disclosure. Another study by Srairi (2015) found that Islamic banks with higher levels of CG disclosure can be affected the high operating performance measured by return on assets (ROA) and return on equity (ROE). Hence, based on this argument, it is expected that Islamic Banking with a higher level of CG mechanisms can be lead the disclosure in reporting and will gain better firm performance of Islamic banks.

The principles of Islamic banking place great emphasis on strong CG structure, transparency, the disclosure of information and strict adherence to *Shari'ah* principles. The *Shari'ah* governance framework is a set of organisational arrangements through which IFIs to ensure effective oversight, responsibility and accountability of the board of directors, management and *Shari'ah* committee (Hasan, 2011; Muneeza & Hassan, 2014). The *Shari'ah* governance framework serves as a guide towards ensuring an operating environment that is compliant with *Shari'ah* principles at all times. Based on the definition of *Shari'ah* governance by IFSB (2009) no. 10, it can be observed that the extensive duties need to be performed by the SSB (Haqqi, 2014). Based on the understanding from the definition of *Shari'ah* principle, the duties of SSB is to oversight and supervise the *Shari'ah* compliance of the IFIs, as such, their competence is essential to form a robust *Shari'ah* board (Kasim et al., 2016). This definition also implies that the institution of the *Shari'ah* board is crucial to the *Shari'ah* governance system as an authoritative body ensuring *Shari'ah* compliance (Malkawi, 2013).

There is a limited previous study that measures the CG disclosures as a mediating variable in their study. Previous study only focus on the direct relationship (Al-Malkawi & Pillai, 2018; Bukair & Abdul Rahman, 2015; Elsiddig, 2017; Hakimi, Rachdi, Ben Selma Mokni, & Hssini, 2018; Khamar Tazilah et al., 2017; Mallin et al., 2014; Mollah et al., 2014, 2016; Mollah & Zaman, 2015; Nomran, Haron, & Hassan, 2016).

Conceptual Framework

The following diagrammatic framework is developed.

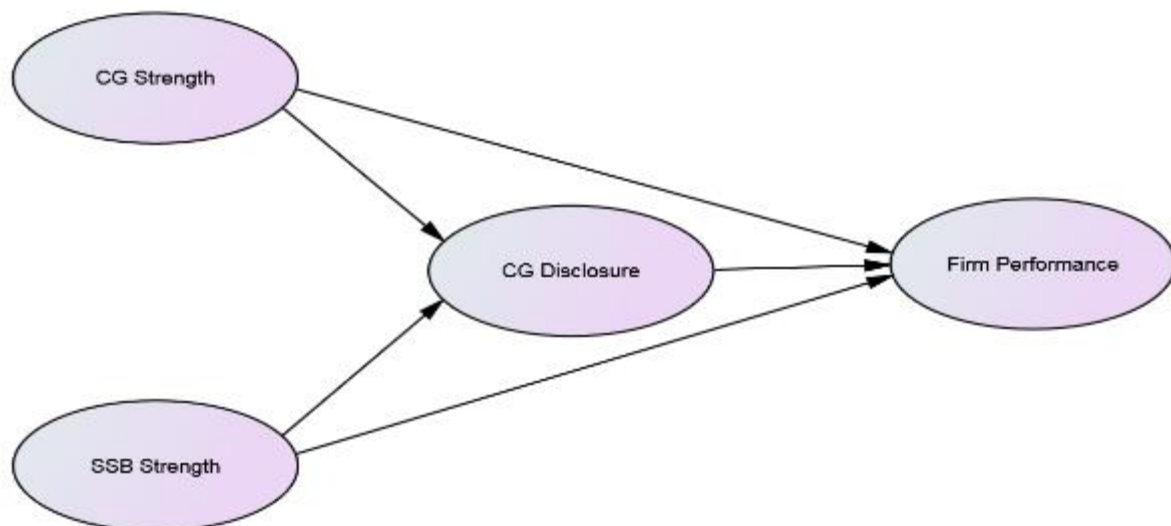


Figure 0.1: Proposed Conceptual Framework

Methodology

Content analysis of published articles and annual report was undertaken in order to identify the CG mechanisms, disclosure and firm performance of Islamic banks. Bell and Bryman (2007) define content analysis as a method that elaborates the documents and texts to quantify the content in terms of predetermined groupings to the contexts of their use. Many researchers have argued that this method is deemed to be appropriate on the disclosures studies (Haniffa & Hudaib, 2006; Hassan & Harahap, 2010; Maali, Casson, & Napier, 2006; Mollah et al., 2016). The sample of this study consists of an Islamic bank located in the SEA and GCC regions. The selection of Islamic bank in the SEA and the GCC regions because the regions are among the progressive in Islamic finance and also among the first to establish IFIs.

Research Variables and Measurement

As per the review of the variables used in previous literature, table 4.1, this section will outline the selected variables of the three constructs; independent variables (CG strength and SSB strength) independent variable (firm performance) and lastly mediating variable (CG disclosures).

Table 4.1

Description of Variable used in this study

Description of Variable used in this study			
Variable	Definitions and Coding		Reference
Panel A: Dependent Variable			
Firm Performance of Islamic banks	Firm Performance	ROA, ROE or Tobin's Q	(Ammann, Oesch, & Schmid, 2011; Hamza, 2013; Mollah et al., 2014, 2016; Weiying & Baofeng, 2008)
	ROA	Net income divided by total asset	(Abubakar Lahjie, 2017; Kabir & Thai, 2017; Mollah &

			Zaman, 2015; Platonova, 2014)
	<i>ROE</i>	Net income divided by total equity	(Abubakar Lahjie, 2017; Kabir & Thai, 2017; Mollah & Zaman, 2015; Platonova, 2014)
	<i>Tobin's Q</i>	The market value of equity plus book value of liability divided by book value of the asset	(Abubakar Lahjie, 2017; Kabir & Thai, 2017; Mollah & Zaman, 2015; Platonova, 2014)
Panel B: Independent Variable			
Corporate Governance Mechanisms	<i>CG Strength</i>	Board size + Board independent + CEO duality + AC size + AC independence + Financial expertise of AC	(Hahn & Lasfer, 2016; Klein, 1998; Vafeas, 1999; Wan Abdullah et al., 2015)
	<i>Board Size</i>	Number of directors on the board	(Al-Nasser Mohammed & Muhammed, 2017; Basu & Dimitrov, 2010; Douissa & Azrak, 2017; Grassa & Matoussi, 2014; Klein, 2002; Lima Crisóstomo, de Souza Freire, & Cortes de Vasconcellos, 2011; Upadhyay, Bhargava, Faircloth, & Zeng, 2017; Weiyang & Baofeng, 2008)
	<i>Board Independence</i>	The proportion of independent directors	(Al-Nasser Mohammed & Muhammed, 2017; Caprio, Laeven, & Levine, 2007; Che Haat et al., 2008; Evans, Evans, & Loh, 2002; Grassa & Matoussi, 2014; Hamza, 2013; Platonova, 2014)

	<i>CEO duality</i>	0 for CEO is also chair, 1 otherwise	(Dang A., Houanti, Le, & Vu, 2017; Fernandes, Farinha, Martins, & Mateus, 2017; Grassa, 2016; Yiwei Li, Gong, Zhang, & Koh, 2017; Platonova, 2014; Rahman & Bukair, 2013; Wasiuzzaman & Nair Gunasegavan, 2013)
	<i>AC Size</i>	Number of directors in the AC	(Bhagat & Bolton, 2008; Brown & Caylor, 2009; Jiao, 2011; Wan Abdullah et al., 2015)
	<i>AC Independence</i>	The proportion of independent directors in the AC	(Brown & Caylor, 2004; Chen, Cheng, & Wang, 2015; Klein, 2002; Laksmana, 2008)
	<i>AC Financial Expertise</i>	1 for the number of SSB members formally trained in related economics or finance, 0 otherwise	(Brown & Caylor, 2004; Chen et al., 2015; Klein, 2002; Laksmana, 2008)
SSB Mechanisms	<i>SSB Strength</i>	Number of SSB members + SSB cross-memberships + Financial expertise of the SSB	(Wan Abdullah et al., 2015)
	<i>SSB Size</i>	Number of SSB members	(Farook, Kabir Hassan, & Lanis, 2011; Grassa & Matoussi, 2014; Kasim et al., 2016; Mollah et al., 2014; Platonova, 2014; Rahman & Bukair, 2013; Samra, 2016; Waemustafa & Abdullah, 2015)
	<i>SSB Cross-Memberships</i>	The average number of cross-memberships of the SSB members in institutions offering Islamic financial services.	(Farook et al., 2011; Grassa, 2015; Grassa & Matoussi, 2014; Kasim et al., 2016; Mollah et al., 2014; Nomran et al., 2016; Platonova, 2014; Rahman & Bukair,

			2013; Samra, 2016; Waemustafa & Abdullah, 2015)
	<i>The expertise of the SSB</i>	1 for the number of SSB members formally trained in related economics or finance, 0 otherwise	(Farook et al., 2011; Grassa, 2015; Grassa & Matoussi, 2014; Kasim et al., 2016; Mollah et al., 2014; Nomran et al., 2016; Platonova, 2014; Samra, 2016; Waemustafa & Abdullah, 2015)
Panel C: Mediating Variable			
Corporate Governance Disclosures	Disclosures index are selected based on the AAOIFI governance standards, the IFSB on the CG Guidelines, the OECD's Principles of CG (2015) and the BCBS (2015) Paper.		(Wan Abdullah, 2013; Wan Abdullah et al., 2015)

Conclusions

This research examines the effect of the CG strength and SSB strength to the financial performance of the Islamic bank. The CG strength has been measured based on the total CG mechanisms, and it is the same with measurement of the SSB strength. These techniques are based on the study by Wan Abdullah, Percy, & Stewart, (2015). The financial performance is quantified from ROA, ROE and Tobin's Q based on measurement of accounting and marked based value. Based on the reviewed the past literature, we can conclude that a better CG mechanism will lead to a better firm performance of the Islamic bank. Besides that, the CG disclosure has an indirect effect on the CG mechanism and firm performance of an Islamic bank. The implementation of good CG will increase the efficiency and urge the economic growth. The presence of effective CG will help in increasing the trust level needed for the well-functioning financial sector, particularly in the capital market especially in the Islamic banking sectors.

The proposed study makes an original contribution to the literature since it is a limited comprehensive investigation into the combination of CG and SSB in affecting the firm performance of Islamic bank and CG disclosure as a mediating variable. Past literature only focuses on specific CG like board size, board independence, CEO duality and otherwise. These studies have been using combine CG mechanism and disclosure developed by the Wan Abdullah (2013), whereas this CG mechanism is more comprehensive for the disclosure on the Islamic bank. Past researchers have shown that CG is an important factor affecting the value or performance of a firm in the specific industry. This studies, which explicitly considers the differences in the social, economic and institutional variations because it is focused on the Islamic banking in the SEA and GCC region.

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