

## Risk Hazard of Banking in Emerging Countries

WISNU MAWARDI<sup>1</sup>, MAHFUDZ<sup>1</sup>, RIO DHANI LAKSANA<sup>2</sup>, INTAN SHAFERI<sup>2</sup>

<sup>1</sup>Faculty of Economics and Business, Diponegoro University,  
Semarang,  
INDONESIA

<sup>2</sup>Faculty of Economics and Business, Jenderal Soedirman University,  
Banyumas,  
INDONESIA

*Abstract:* - The development of Islamic banking has been examined. Many researchers have been dedicated to researching how this growth generates microeconomic consequences on financial institution efficiency. This paper embodies a comprehensive analysis of Basel II standard implementation impacts gap in hazards between Islamic and conventional banks in Asia countries (Indonesia, Malaysia, Singapore, Thailand, and Philippines, Brunei Darussalam). Basel II requirements make contributions to expand the distance in hazard between conventional banks and Islamic Banks at the rate of the latter. Four arguments may be supplied to provide an explanation for why Basel II requirements can contribute to making Islamic banks exceptionally riskier than conventional banks. The connection between Islamic banking and hazard is conditional on the regulatory framework. A mapping descriptive examination analyzing the international locations of every form of bank and the 12 months of implementation of Basel II regulation. This method was utilized in the Basel II implementation in a few of the Asia nations of our pattern for the duration of the length of examination from 2015 to 2020. The treatment group consists of banks in nations with an implementation of Basel II for the precise year with a substantial 10%; those findings also are located whilst one by one thinking about small banks and massive banks, therefore, assisting the view that the connection between Islamic Banking And Hazard is conditional to the regulatory framework.

*Keywords:* Risk, Hazard, Banking, ASEAN Countries, Islamic Banking, Conventional Banking

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### 1 Introduction

The consequences of Islamic judgments are not important in terms of the assessment of positive coefficients and large in terms of prior bad luck regulation. Therefore, we generally no longer see the distinction in threat between Islamic banks and industrial banks as an entire Asian nation. In this examination, we discover the utility of the Basel II version that could have an impact on the threat of Islamic banks in comparison to industrial banks. The improvement of Islamic finance increases problems concerning its impact on financial solidity. The concept of money in Islam and the limits of sharia rules that are the reference in Islamic banking have become one of the fastest-growing parts of the monetary industry, which has spread over 300 organizations in 75 countries. Various business analysts are of the view that monetary laws and general laws have proven to be capable of being used to monitor financial developments. However, the impact of the Islamic economic concept on monetary

developments does not seem to be able to be examined in depth because the information is still limited. In Islamic banking, the concepts of risk-sharing, dependence, and progress are used as a reference for driving development while liquidity capacity is limited so that it has the potential to harm the economy. In this regard, Islamic banking is likely to be able to influence monetary developments, the impact of which is worth studying, [2].

The feature of banks is imperative for any economic system (whether secular or Islamic) due to the subsequent 4 reasons, [9], i) intermediation offerings, ii) advent of an extensive sort of assets and liabilities, iii) providing monetary services, and iv) introduction of incentives. The maximum stated intent for offering an opportunity banking machine (Islamic banks) is the involvement of interest as a means of performing the above-cited roles with the resources of conventional banks. In line with Islamic policies (Shariah), the prohibition of hobbies is justified for 2 motives, [9]. First, any settlement

primarily based on hobby does not have a percentage risk among activities. rather than acquire hazard from all concerned events, the load unfairly accrues to a single celebration. This unjust workout has a detrimental effect on incumbent parties. Second, the utility of hobbies in a monetary system has been tested to be inefficient in resource allocation. Because of the reality that banks choose to lend cash only to the maximum worthwhile projects to ensure returns on their investments, investors with low creditworthiness live undervalued. This creates a deviation between excessive income and coffee income agencies in that society.

In recent times, several Islamic banks have attempted to meet this financial need by providing services and goods that are compliant with Sharia law. These items are built with the paradigm of no individual taking advantage of the misfortune of others, in this way prohibiting Riba (interest). The specialty of the return of the resource must lie in one's assumption of the risk implied in making such a return. Indeed, today Riba is seen as a more western sin for Muslims than eating pork, drinking liquor, or even being an infidel (as the blessed hadith of Islam, Sunan ibn Majah shows). In conventional banking, investors transfer risk to the bank by sharing their resources to obtain the promised return, not caring what benefit the bank can derive from those resources. Borrowers who use conventional banks have real risks because they must maintain the ability to repay the loan principal as well as interest independently according to their obligations. Meanwhile, Islamic banks have different treatment according to the type of client, namely investors and borrowers. Investors or financial backers share risks and returns with Islamic banks. The advantage of a note is that it is subordinated to execution, not guaranteed, and it is often paid through a Grant, the return of which is not guaranteed. Islamic money underlines risk-sharing through a resource-based model, distinguishing ordinary money which is generally liability based, from working with risk exchange, [13].

The query we talk about in this examination is whether the Basel II preferred has an impact on the threat factors of Islamic banks. The Basel recommendations had been installed through the Basel Committee for Banking Supervision to promote financial power. Irrespective of whether this supervisory board has no sturdy impact on it, the requirements it distributes have been followed

through many nations around the arena and are visible as a benchmark for banking pointers. The Basel II preferred was set up in 1988 to offer a minimum capital requirement for banks. The Basel II administrative device was added in 2004 to renew Basel I and started to be carried out in 2006. Basel II contains the idea of "three pillars" in which the primary pillar discusses the minimum capital necessities. Banks should have a fundamental degree of funding to cowl credit threats, book exchange threats, and useful threats. numerous strategies for estimation are proposed to weigh the risks. In the Basel II structure, capital requirements are based on risk; Risk is weighed for each resource to obtain capital that matches the bank's original risk profile. The second pillar of Basel II focuses on prudential oversight and is aimed at supporting the powers of specialist administration. The third pillar identifies with market discipline. Disclosure of important data about a bank's monetary profile is mandatory to ensure transparency so that market discipline can work optimally.

The Basel II suggestions lessen the greater threat-taking for conventional banks over Islamic banks because of the distinctive profiles of participants. especially, Islamic bank investors have extra essential motivational energy to screen bank executions than ordinary bank participants due to the perception of income and loss-sharing agreements. As a result, the subject of Islamic bank investors is higher than that of ordinary banks. Consequently, without strict capital necessities, the threat for Islamic banks should be decreased as those monetary establishments are more involved in coping with threats nicely.

The Basel II pointers lessen the danger of conventional banks greater than Islamic banks due to the exceptional tiers of cost held by each sort of bank. Islamic banks absolutely have the riding pressure to preserve a considerably extra price stage than ordinary banks because of their capability liquidity issues. Those banks do not have identical admission to the interbank marketplace in maximum nations and can't depend on subsidiaries and assisting equipment. consequently, it is clever that they hold the short-term liability decrease and extra depending on cost. Additionally, they have an extra cost in saving with a proportion of their income to cope with liquidity pressures.

The Basel II pointers for marketplace area can in addition enhance information for ordinary banks

more than Islamic banks, in that ability, can inspire market subjects, especially for conventional banks, due to the vulnerability in Islamic cash. This predicament means that it's far required in an exchange and, all matters are taken into consideration, one celebration cannot deliberately store information to have a distinguished command over the exchange.

Fourth, Basel II capital necessities can grow the threat of Islamic banks in comparison to ordinary banks in phrases of threat-weighting strategies. Capital necessities are weighted to be calculated to lessen threat-taking for banks, however, in keeping with them, the method in Basel II is ordinary. The Basel II system of ensuring risk-weighted resources does not take into account the risks associated with the particular highlights of Islamic finance exercises. The use of the inward assessment model proposed by Basel II can overcome this problem, but it is rarely implemented because of the cost and difficulty of its use, for example, [9].

Basel II describes an extensive framework for regulatory and operational practice. For instance, Basel II covers and encourages the measurement of risk for individual banks, emphasizing, and indeed rewarding, internal methodologies for decision-making in the banks. Basel II also sets out guiding principles for the supervisory review and regulatory functions, as well as setting out requirements concerning disclosures to the market.

## 2 The Hypothesis Development

The primary assumption in this examination is that the Basel II preferred provides to the threat gap between conventional banks and Islamic banks to the detriment of the ultimate alternative; Basel II will then growth the threat of increasing Islamic banks with ordinary banks arguments may be given to make clear why the Basel II pointers may additionally upload to creating Islamic banks commonly riskier than regular banks.

The subsequent assumption is that the Basel II guidelines are capable of influencing the risk gap between conventional banks and Islamic banks however are averse to standard banks. Ultimately, those hints are probably more favorable to Islamic banking, counting on the hypothesis that Islamic economic institution members will educate their economic stance not as lousy as ordinary bank investors for strict intentions, for example, [1].

Specifically, strict contributor dependence will permit Islamic banks to stand more traumatic situations as they may be much less interested in taking flight of their cash.

The third hypothesis is that the Basel II precept has no effect on the danger gap between conventional banks and Islamic banks. The underlying premise is that these recommendations influence Islamic banks and ordinary banks in lots the identical way. The debate is that the present-day movements of Islamic banks aren't sufficiently special from the ones of everyday banks to anticipate the opportunity outcomes of the Basel II recommendations. One critical device through which the Basel II hints can impact banks is by influencing their resource blend. This element can then exert an alternative impact on Islamic and conventional banks assuming the two types of banks have remarkably one-of-a-kind mixes of sources if Islamic banks hold a maximum of the profit and loss sharing agreements. All matters being the same, training indicates that Islamic banks hold a constrained component of these agreements of their accounting reports, e.g. [5], [6]. The moves of Islamic banks offer a restricting contention concerning the effect of Basel II standards on their risk as compared to regular banks. It is consequently essential to offer an observational examination to feature this discussion.

## 3 Data And Methodology

This looks to utilize conventional and Islamic banks in 10 nations within the ASEAN area. Bank grouping between Islamic banks and conventional banks depends on Bankscope. According to Cihak's example, [4], we cannot recollect Islamic home windows when they're the Islamic part of conventional banks in our correlation. The point of interest of our examination is to discover the functioning of the Basel II norms concerning the connection between Islamic banking and risk.

Our right method relies upon the use of variations in distinct methods to deal with the effect of the breakdown of Basel II norms on the connection between Islamic Banking And Risk. We carried out this technique due to the fact we were capable of taking gain of variations inside the implementation of Basel II among our 10 sample international locations at some point of the look at the period from 2016 to 2020. Four international locations Handelman the Basel II guidelines in 2007,

2 nations had the Basel II pointers carried out in 2007, and 2008 and three nations had Basel II suggestions carried out at the end of 2015.

This table offers information for the nations used in the instance within the range of every kind of bank and the timing of implementation of the Basel II hints.

Table 1. Overview Banks

COUNTRIES	ISLAMIC BANK	CONVENTIONAL BANK	IMPLEMENTATION BASEL II
Indonesia	10	69	2007
Malaysia	17	34	2008
Singapore	6	20	2007
Brunei	1	1	2007
Philipina	2	55	2007
Cambodia	0	6	2009
Laos	0	10	2015
Myanmar	1	31	2017
Thailand	1	23	2008
Vietnam	0	48	2016

We First Measure debt threat with the z-rating (Z-score), that's regularly used in clinical research as an intermediary for financial institution dependence together, [3]. The Z-score is the main hazard degree utilized by e.g., iháok [4] in their assessment of the soundness of Islamic banking and finance and is taken into consideration with different risks of their work linking Islamic banking and risk. Z-score is calculated by using the subsequent method:

$$Z\text{-score}_{i,t} = \frac{[ROA_i + CAR_i]t}{[SD(ROA_i)]}$$

where ROA is the estimated profit from the resource with the proportion of net profit to add the resource, CAR is the proportion of the value of cash flows to the resource, SD (ROA) is the same old deviation of ROA, and t is the yr. SD (ROA) is the same old deviation of ROA for the duration we don't forget 2016 to 2020 and refers to the uncertainty of returns. The z-rating is contrary to the possibility of bank financial ruin; therefore, better z-rankings are associated with greater crucial electricity. Using the Z-score lets us keep in mind

distinctive kinds of banks because it concludes an equitable and goal evaluation of bank adequacy.

Then we used three estimates recognized with credit threat. Following the previous study instance, [1], the percentage of loss in advance deposits to net advances is our primary marker of credit score risk, revealing bank directors' assessment of the down payment portfolio. The proportion of bad debt deposits to net advances considers the assumptions for the future implementation of the allowable advances. A more significant store level recommends a more important financial risk, representing an expected low period in the future. Moreover, we use two elective credit risk indicators which, as demonstrated by for example [1], both inversely seek intermediaries for credit risk: the proportion of upfront gap-setting to net down payments (loan deficit management) and the proportion of weakening advances. into net advances (Decrease in value of advances). The upfront gap putting refers to the expenses that banks ought to pay while re-surveying loss deposits earlier or discounting advances. The weakening credit proportion extends when banks classify advances as non-performing.

Each of the three clues to credit risk considers the nature of bank advances. Therefore, the higher each proportion, the less secure the bank's credit.

We also use a dummy sharia variable with a value of one for the assumption of an Islamic bank and zero for the assumption of a non-Islamic bank. Additionally, it is a Basel II dummy variable, that's the same as assuming the United States has applied Basel II suggestions for the eligible year and zero anyways. facts on the life of Basel II norms are accumulated from world financial institution-directed "bank law and Supervision" evaluations, BIS Financial Stability Institutions (FSI) reviews and national bank websites for sample countries.

The illustrative variable that becomes a crucial situation is the period relationship between Islam and Basel II offers records on the separate impact of the implementation of the Basel II suggestions on Islamic Banks and industrial banks. assuming the Islamic  $\times$  Basel II coefficient is high quality (bad) for the z-score (credit score danger thing), this implies that the Basel II norm adds a greater said discount of bank threat for Islamic banks than for everyday banks. standard, those pointers will be extra beneficial for Islamic banks. Apparently, the alternative sign for the Islamic $\times$ Basel II coefficient might help the view that Basel II concepts widen the pitfall among conventional and Islamic banks to the detriment of the latter option.

We integrate management elements to bear in mind bank and nations attributes. We recall three financial institution-stage management factors. size is expected through the logarithm of all sources due to the fact task length may have an impact on bank chance. Advances to properly estimate the development of exercise, in keeping with the view that credit development influence's chance, [7]. cost to profits is envisioned by using the percentage of charges to money. As talked about for example [3], a failure of the fee creates a risk.

We recollect four a-stage management factors. Gross home product growth allows us to manipulate the macroeconomic cycle, which is taken from other world development signs. The Herfindahl-Hirschman Index estimates financial institution fixation and is processed with records from Bank scope. various studies have centered that financial institution contests can boost financial institution chance e.g. [8], [11], [12].

Regulation and order indicate the character of the establishment and display the effect of the volume to which individuals believe in the requirements of their country. Institutional quality can have an impact on a financial institution's risk-taking conduct, [3], and is derived from the world bank's international Governance indicators. expansion is the once-a-year price trade from the customer fee report and is acquired from the world development indicators.

Insights dropping the light on financial institution-specific elements are presented at desk 2. We took a look at the approach between the 2 sorts of banks. In this situation, we use the Wilcoxon check primarily based on the fact that the factors are typically no longer adjusted. examination of centers for Islamic banks and regular banks in preference will display more serious dangers for Islamic banks they have got a lower z-rating, like better debt hazard, and give a higher everyday prematurely gap risk and in advance gap placing proportion, exposing higher credit score danger. The primary credit score danger indicator offering an opportunity standpoint is the weaker down payment percentage, which is lower for Islamic banks.

Table 2 advises on the elements of the financial institution degree tested. The Wilcoxon test estimates the implied pattern that means for non-parametric elements recognized after trying out for normality of the dispersion because of the Shapiro-Wilk Test. \*\*\*, \*\*, and \* imply importance at 1%, five%, and 10%, separately.

Table 2. The Wilcoxon test measures

	Islamic Banks			Conventional Bank			Wilcoxon test
	N	Mean	SD	N	Mean	SD	
Z Score	190	32.421	41.478	1485	38.432	31,324	7.163***
Loan Loss reserves	180	7.320	15.21	1321	6.123	9.564	1.872***
Loan Loss Provisions	178	1.621	3.893	1425	1.212	2.132	3.102***
Impaired Loans	178	7.125	12.086	1425	8.396	13.974	1.426
Size	190	14.132	1.514	1485	13.721	1.754	3.805***
Loans to Assets	190	45.246	22.786	1485	49.201	19.221	1.231
Cost to income	190	60.124	34.943	1485	48.053	27.021	2.845***

We can then use the comparison difference approach, which lets in control for changing financial situations or another element that applies to all banks, i.e., the benchmark group. Our care organization consists of banks in international locations with Basel II implementation for a given 12 months. Our benchmark group remembers banks for international locations Basel II implementation for a given 12 months.

With this exploratory plan, we will definitively distinguish what Basel II approaches for hazards in Islamic finance as opposed to conventional banking. The observed courting between Basel II execution and financial institution hazard may be driven by occasions going on at some point of these hours of software and could then be able to result in unilateral ends. The comparison-difference technique allowed us to remedy this trouble because we analyzed the differences between the remedy group and the benchmark organization in their improvement in advance, then after the implementation of Basel II. Vital trouble with the use of the evaluation-difference approach is the similarity among examination encounters. We comply with this precondition by the usage of our United States of America instance of developing international locations from the middle East and Asia. All nations are comparable in some basic aspect, including institutional quality or being a developing nation.

We conducted repeated tests on the impact of irregularities to analyze the effect of implementing Basel II on the bank's risk profile. This detail is raised using board information and the way the

illustrative variables of Islam are consistent over the long term.

The tests carried out are formulated in the following formula:

$$\text{Risky Bank}_{j,t} = 0 + 1 \text{ Islamic}_{t} + 2 \text{Basel II}_{t} + 3 \text{Islamic} \times \text{Basel II} + \beta \text{Size} + \beta \text{Loans to resources}_{i,j,t} + 4 i_{i,t} + 5 i_{i,t} + 6 \text{Cost to income}_{t} + 7 \text{GDP growth}_{t} + 8 \text{HHI}_{j,t} + \beta \text{Inflation} + \beta \text{Rule of Law} + \epsilon \quad 9 j_{j,t} + 10 j_{ti,j,t} \quad (2)$$

Principle assessment. Board assessments with irregular impact. The established variable is a risk indicator, the best factor of the phase. The T-test appears in brackets below the coefficients being assessed. \*, \*\*, \*\*\* means that the measurer is not essentially equal to 0 at the 10%, 5,% or 1% level. We use the recognized big 10%.

Table 3. Main Estimation

	1	2	3	4	5	6	7	8
Islamic Bank	-0.625 (-0.18)	20.30 -3.23	2.239 -2.05	-2.955 (-2.60)	0.459* -3.38	0.242 -0.52	0.374 -0.38	0.337 -0.25
Basel II	2.101 (0.84)	6.29 -2.53	2.954*** -5.07	0.898* -3.09	-0.042 (-0.30)	-0.255 (-2.02)	3.323*** -4.35	3.275*** -3.93
Islamic x Basel II	-	-26.28 (-3.28)		-4.709*** -5.53	-	0.483 -2.6	-	0.278 -0.24
Size	1.42 (1.63)	2.032 -0.23	-2.956*** (-8.37)	-2.962** (-8.42)	-0.059 (-2.22)	-0.052 (-0.96)	-2.993*** (-6.64)	-2.990*** (-6.64)
Loans to Assets	0.0047 (0.10)	0.0063 -0.24	-0.273*** (-23.46)	-0.273** (-23.49)	-0.035** (-6.66)	-0.035** (-6.74)	-0.298*** (-20.84)	-0.298*** (-20.86)
Cost to Income	0.0277 (0.64)	0.03 0.303	0.033*** -4.53	0.030*** -4.33	-0.006** (-3.77)	-0.007** (-3.86)	0.026 -2.5	0.026 -2.5
GDP Growth	0.321 (1.24)	-2.42 0.343	0.0033 -0.07	0.004 -0.23	-0.056** (-4.64)	-0.056** (-4.62)	-0.036 (-0.90)	-0.036 (-0.90)
Rule of Law	-0.485 (-0.44)	-0.33 -0.279	0.538 -2.64	0.404 -2.35	0.023 -0.28	-0.006 (-0.09)	0.589 -2.34	0.587 -2.33
Inflation	-0.113 (-0.54)	-0.99 -33.55	0.035 -0.94	0.034 -2.35	0.050*** -4.87	0.052*** -4.97	0.225** -3.26	0.225** -3.26
HHI	-18.359 (-1.34)	-2.78 28.83	-8.953*** (-3.38)	-9.509** (-3.62)	-2.390 (-2.65)	-2.374 (-2.63)	-23.66*** (-3.73)	-23.65*** (-3.72)
Intercept	18.173 (1.14)	-2.67	38.980** -22.34	40.520*** -22.79	3.682*** -4.66	3.753*** -4.76	43.730** -9.63	43.740** -9.63
R2	0.010	0.026	0.146	0.172	0.07	0.066	0.248	0.274
N of Banks	335	335	325	325	314	314	308	308
N of Obs	1675	1675	1625	1625	1570	1570	1540	1540

Board assessments with irregular impacts. The reliant variable is the danger pointer at the highest point of

the segment. t-insights show up in enclosures beneath assessed coefficients. \*, \*\*, \*\*\* means a gauge fundamentally unique in relation to 0 at the 10%, 5% or 1% level. We utilize 10% critical that is acknowledged.

Table 4. Estimations by Size

	Z-score			Loan loss reserves		
	1	2	3	4	5	6
Islamic	4.36	4.341	9.130*	-3.073*	-3.498**	-1.444
	-1.08	-1.11	-1.37	(-1.34)	(-1.48)	(-1.35)
Basel II	4.293*	4.414*	7.594**	1.993***	1.340**	1.504***
	-2.2	-2.14	-3.48	-4.73	-3.05	-3.41
Islamic×Basel II	-14.81**	-14.84**	-14.30***	4.499***	5.150***	4.304***
	(-3.19)	(-3.18)	(-3.49)	-5.38	-4.01	-4.94
Size	0.912	0.795	1.138	-1.145**	-1.187***	-1.844
	-1.21	-1.05	-1.8	(-9.14)	(-9.23)	(-8.44)
Loans to assets	0.042	0.038	0.0147	-0.174**	-0.144***	-0.181
	-0.71	-0.44	-0.47	(-13.18)	(-12.51)	(-14.08)
Cost to income	0.023	0.018	0.0391	0.011**	0.019***	0.011**
	-0.45	-0.51	-1.4	-1.93	-4.12	-3.01
GDP growth		0.228			0.0137	
		-0.99			-0.44	
Rule of law		3.963			0.612	
		-1.16			-1.24	
Inflation		-0.117			0.028	
		(-0.60)			-1.01	
HHI		-29.950			-11.110***	
		(-1.45)			(-3.95)	
Intercept	13.32	14	12.82	49.66***	50.55***	40.40***
	-0.96	-0.79	-1.22	-10.35	-10.04	-12.31
Country dummies	Yes	Yes	No	Yes	Yes	No
R <sup>2</sup>	0.1369	0.1384	0.0253	0.324	0.3194	0.1769
N of banks	335	314	335	325	314	325
N of obs.	1675	1570	1675	1625	1570	1625

## 4 Discussion

Our result is that the separate impact of the Basel II



norm on financial institution chance for Islamic and conventional banks isn't always affected by financial institution size. While thinking about the hazard of bankruptcy, the term Islamic×Basel II relationship is bad for all account managers with the complete example being largely bad, approximately the Z-rating for small banks and huge banks. While considering credit score chance, the term Islamic Basel II cooperation which is basically sure for all cash deposits with a complete instance is essentially sure with loss savings loans for small banks and massive banks. The time cooperation isn't always very large while the usage of down payment. Disrupted due to the fact the credit score risk markers for all banks are still no longer very important when we consider small and large banks independently.

The primary exception is when thinking about loan loss preparations as a hallmark of credit threat. The cooperation period isn't always large when all the banks are introduced together. Now, we see that the period of collaboration is very critical and advantageous at the ten% degree for small banks but not massive for massive banks. Consequently, we see only a few of the identified contrasts with financial institution length with the share of credit score default arrangements as in the Basel II recommendations as expanding the hazard for Islamic banks more than conventional banks - but handiest for small banks.

The realization of the size-primarily based assessment is that, in popular, Basel II norms do not affect small and massive bank risk unpredictably. Our essential remark that they make Islamic banks riskier than conventional banks is impartial of bank size.

Our essential results had been shown by using numerous signs that estimate financial institution hazards and by way of assessments by way of group size. further, we clearly see our effects by means of testing the impact of country factors in our assessment. country element settings may additionally influence effects in distinctive ways, for example, except for factors or connections with the market share of Islamic banks inside the country.

We did three new tests. First, consists of a rustic dummy variable to control for USA evaluation and leave out the 4 United states level control factors (GDP improvement, Rule of regulation, Inflation, IHL). We are then ready to check the impact of strong go-country evaluation on our consequences. 2d, we at the same time don't forget the state forger

thing and the 4 nation-level management factors. 1/3, we keep away from all countrywide factors. The effects are defined in Tables three and 4. We revisit the time Islamic×Basel II dating due to the fact we are interested in the signal and the means of these coefficients.

Each judgment confirms us beyond results. For the three new determinations of the United States of America factors, we see that the tenure is largely poor with the Z-score, basically fixed with negative loans, and unimportant with disrupted mortgage and credit score agreements. Moreover, our essential remark that the Basel II widespread makes Islamic banks riskier than regular banks isn't always encouraged through country regulatory factors.

## 5 Conclusion

We inspect how the adoption of Basel II requirements can also influence the threat of Islamic banks so relative to conventional banks. The enlargement of Islamic banking increases questions about its effect on monetary balance. We further intricate the work on the relationship between Islamic banking and hazard by means of analyzing the effect of Basel II rules on threat for each Islamic and conventional bank.

We discover that the Basel II preferred has a distinctive effect on the threat of Islamic banks and conventional banks. We used an importance level of 10%. They contribute to decreasing the bankruptcy risk of conventional banks but a boom for Islamic banks. The growth credit score threat is measured through the loan loss reserve ratio for each kind of bank however greater so for Islamic banks. Therefore, we support the view that the Basel II policies expand the threat gap between conventional and Islamic banks at the expense of Islamic banks. This end stands for small banks and large banks.

This study uses variables that have been considered previously from the theory and previous studies. Future research can consider Basel II with the use of more variables so that it can enrich the research.

*References:*

- [1] Baele, F., Farooq, M., & Ongena, S. (2014). Of Religion and Redemption: Evidence from Default on Islamic Loans. *J. Bank. Finance*, 44(7), 141-159.
- [2] Čihák, M., & Hesse, H. (2010). Islamic Banks and Financial Stability: An Empirical Analysis. *J. Financ. Serv. Res*(38), 95-113.
- [3] Abedifar, P., Molyneux, P., & Tarazi, A. (2013). Risk in Islamic Banking. *Rev. Finance*, 17, 2035-2096.
- [4] Berger, A., Klapper, L., & Turk-Ariss, R. (2010). Bank Competition and Financial Stability. *J. Financ. Serv. Res*, 38, 96-113.
- [5] Chong, B. S., & Liu, M. H. (2009). Islamic Banking: Interest-Free or Interest-Based? *Pacific-Basin Finance Journal*, 17(1), 125-144.
- [6] El-Hawary, D., Grais, W., & Iqbal, Z. (2010). Diversity in The Regulation of Islamic Financial Institutions. *The Quarterly Review of Economic and Finance*, 46(5), 778-800.
- [7] Foos, D., Norden, L., & Weber, M. (2010). Loan Growth and Riskiness of Banks. *J. Banks. Finance*, 34(12), 2929-2940.
- [8] Fungacova, Z., & Weill, L. (2013). Does Competition Influence Bank Failures? *Econ. Transit*, 21(2), 100-112.
- [9] Iqbal, M., & Molyneux, P. (2005). *Efficiency in Islamic Banking: In Thirty years of Islamic Banking*. London: Palgrave Macmillan.
- [10] Laksana, R. D., Hersugondo, H., Wahyudi, S., & Muharram, H. (2017). The New Decomposition Asset Growth Effect. Empirical Evidence of Indonesia. *Journal of Applied Economic Sciences*, 12(4), 977-984.
- [11] Mawardi, W., Mahfudz, M, L., & Shaferi. (2020). Competition and Financial Effects Between Islamic and Conventional Banking WSEAS Transactions on Business and Economics.
- [12] Wanke, P., Hassan, M., & Gavião, L. (2017). Islamic Banking and Performance in The Asean Banking Industry: A Topsis Approach with Probabilistics Weights. *International Journal of Business and Society*, 18(1), 129-150.
- [13] Weill, L. (2011). Do Islamic Banks Have Greater Market Power? *Comp. Econ. Stud*, 53, 679-693.

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