



BOOK OF PROCEEDINGS

international

RESEARCH CONFERENCES
on Business, Economics and Social Sciences IRC-2014

29-30 JANUARY 2015 BANGKOK, THAILAND



Conference Proceedings, IRC- 2015



Book of Proceedings

**International Research Conference on Business, Economics and Social Sciences,
IRC-2015
January 29-30, 2015**

**Bangkok, Thailand.
Holiday Inn Bangkok Silom
981 Silom Road, Bangrak, Bangkok 10500, Thailand**

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Welcome Address

It is a great honour and pleasure to welcome you to the international research conference on Business, Economics and Social Sciences, IRC-2015. This conference is a great opportunity for researchers, academicians and corporate experts to come and share their valuable experience and new development in different areas of Business, Economics and Social Sciences. The conference will provide an avenue for discussion and exchange of views on issues and challenges in business, economic and social science's global readiness. The idea is to facilitate discussion on business strategies that will expedite global growth and economic recovery.

Moreover, as a matter of our institutional policy, we expect to bring together an outstanding and diverse group of researchers, academicians, practitioners and thought leaders at the forefront of this event. The IRC-2015 will make every attempt to include younger scientists and students along-with expert academician and practitioners to bridge the gap of research and practice.

We would like to thank everyone who helped us to organize IRC-2015. A very special thanks to our honorable scientific and review committee for spending much of their time in reviewing the papers of this event and helping the participants in publishing their research in affiliated journals. Also special thanks to all the session chairs from industry, academia and policy institutions who volunteered their time and support to make this event a success. A very special thanks to the great scholars for being here with us as key note speakers, their valuable thoughts will surely open the horizon of new research and practice for the conference participants throughout the world.

Wish you a very successful conference and a pleasant stay in Bangkok.

Dr. Inam ul Haq,
Conference Convener

Conference Session Plan

International Research Conference on Business, Economics and Social Sciences,
IRC-2015



January 29, 2015
Holiday Inn Bangkok Silom
981 Silom Road, Bangkok, Bangkok 10500, Thailand

| | |
|--------------|---|
| 08:15- 08:30 | Welcome Tea/Coffee |
| 08:30-09:00 | Registration and Caucus |
| 09:00-09:15 | Welcome Address by Dr. Farooq Anwar Bajwa IRC- Conference Convener |
| 09:15-09:30 | Address by Key Note Speaker Dr. Inam ul Haq |
| 09:30 | Combined Group Photo |
| 09:40- 10:00 | Tea/Coffee Break (Socialization and Networking Session). |
| 10:00- 12:00 | Session I |
| 12:00- 13:00 | Lunch Break |
| 13:00-15:00 | Session II |
| 15:00-15:30 | Tea/Coffee Break (Socialization and Networking Session). |
| 15:30-17:30 | Session III |
| 17:30-18:00 | Closing Ceremony Best Presentation Awards. Special Awards and gifts for Presenters. |

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10:00- 12:00

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| PAPER 2: RESEARCH RESULTS UTILIZATION IN VOCATIONAL EDUCATION POLICY MAKING IN MALAYSIA | 2: Wilfredo Herrera Libunaoa | | | |
| PAPER 3: MENOPAUSALSYMPTOMS AMONG KUWAITI WOMEN | 3: Dr. Fawaz Alanezi | | | |
| PAPER 4: THE RELATIONSHIP BETWEEN ORGANIZATIONAL CSR STRATEGY, ETHICAL LEADERSHIP AND ORGANIZATION AND EMPLOYEE OUTCOMES: A CROSS-LEVEL ANALYSIS | 4: Ya-Wen Tsai | | | |
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| PAPER7: VARIETY SEEKING BEHAVIOR AND QUANTITY OF IDEAS: THE MODERATING EFFECTS OF TIME PRESSURE | 7. Yi-Hsuan Huang | | | |
| PAPER 8: ABNORMAL ACCRUALS AND THE PREDICTIVE ABILITY OF FUTURE CASH FLOWS | 8. Dr. Lingyan ZUO | | | |
| PAPER9: EDUCATION FOR SUSTAINABLE DEVELOPMENT (ESD) INTEGRATION IN MALAYSIAN POLYTECHNICS | 9. Crystal Joan Peter | | | |
| PAPER 10: RESONANCE: MODE OF ARTISTIC PRODUCTION | 10. Chih-Chiang Hung | | | |

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12:00- 13:00

Session II

13:00- 15:00

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Coffee Break

Session III

15:30-18:00

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|--|--|----------|------|------|
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**EXTERNAL AND INTERNAL FACTORS ANALYSIS
TOWARD NON-PERFORMING FINANCIAL (NPF) ON ISLAMIC BANKS
IN INDONESIA**

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ABSTRACT

This study aimed to determine the factors that influence the Non-Performing Financial (NPF) on Islamic Banks in Indonesia. The Gross Domestic Product (GDP), Islamic Certificate of Bank Indonesia (ICBI), and the rate of inflation are factors affecting the external side. While, the Internal factors are Financing Deposit Ratio (FDR), Bank Size, and Capital Adequacy Ratio (CAR).

Data was collected using purposive sampling method on Islamic Banks were established in Indonesia during 2009-2013. Samples in this study are using 5 Islamic Banks in Indonesia. This study uses multiple regression were used to examine the factors that influence the Non-Performing Financial (NPF). The results showed that the Gross Domestic Product (GDP), Islamic Certificate of Bank Indonesia (ICBI), Inflation have no significant effect on the Non-Performing Financial (NPF). Financing Deposit Ratio (FDR) has a significant positive effect on the Non-Performing Financial (NPF). Bank Size and Capital Adequacy Ratio (CAR) have a significant negative effect on the Non-Performing Financial (NPF).

Keywords : External Factors, Internal Factors, Islamic Banks, Non-Performing Financial (NPF).

1. INTRODUCTION

Essentially, human is created by God as individual and social beings. As social beings, human needs the presence or help from other creatures. In fact, not everyone has the same level of ownership, there are those who own much property but do not have the time and expertise to manage and develop it. On the other hand, there are those who have skills and abilities but have no capital.

Karim, in (Rahman & Rochmanika, 2012), states that one of the functions of Islamic banks is as financial intermediary that implement operations by collecting funds from the public and then distributing it through financing. Funds raised from the public are stored in the form of clearing, savings, and deposits through *Wadiah* and *mudaraba* principle. While the distribution of funds can be done through four distribution patterns in the form of buying and selling, profit sharing, *Ujroh* principles and complementary contract.

According to Suhardjono, in (Adnan & Furywardhana, 2006), creditor (customers), debtor (the bank), and the external side of each customer and the bank will influence the smooth of financing or credit on banking, if one side is not going well then it will influence the others.

Here are the results of previous study, (Diyanti & Widyarti, 2012) reveal that Bank Size, CAR, GDP has significant negative influence on the Non-Performing Loan (NPL), and Loan Deposit Ratio (LDR) insignificantly and negatively influences the NPF. Meanwhile inflation significantly and positively influences NPL.

(Poetry & Sanrego, 2011) states that inflation and Wadiah Certificates of Bank Indonesia (WCBI) positively and insignificantly influences NPL. Exchange Rates, GDP, LDR, and CAR insignificantly and negatively influence NPL. Meanwhile, inflation, exchange rate, *wadiah* certificate of Bank Indonesia (WCBI), FDR negatively and insignificantly influences NPF. Furthermore, GDP and CAR have positive and insignificant influence toward NPF.

Based on the description above, the objectives of this study is to provide empirical evidence about the influence of GDP, ICBI, Inflation, FDR, Bank Size, and CAR toward the NPF.

2. THEORETICAL FRAMEWORK AND DEVELOPMENT OF HYPOTHESES

2.1. The influence of GDP toward the NPF

(Popita, 2013) states that GDP is an indicator of economic growth which becomes important measure in economic performance of economic actors who provide goods and services, including the banking industry. According to (Padmantyo & Muqorrobin, 2011), one of the factors that influence the smooth repayment of the credit is income levels. The higher the income level of society (as reflected by GDP) is, the smaller the possibility of stuck loans will be, and so that for the opposite.

The finding by (Setyowati, 2010) and (Ihsan, 2011) shows that there is a negative and significant influence of the GDP toward the NPF. Based on the above and previous studies, the hypothesis is :

H1: GDP negatively influences NPF

2.2. The influence of ICBI toward NPF

According to Bank Indonesia Regulation Number 10/11/200 Certificates of Indonesia Islamic Bank (ICBI) is a short-term fund deposits by using the *Ju'alah* contract issued by Bank Indonesia with a minimum period of one month and a maximum of 12 months in the rupiah currency and uses Islamic principles. This study will examine the correlation of ICBI to financing problems that occur in Islamic banks.

(Poetry & Sanrego, 2011) state that The influence of CBI is different with ICBI, in which CBI is positive to Non-Performing Loan (NPL) and ICBI is negative on the NPF. It is because the characteristics of CBI are different with ICBI as shown in Bank Indonesia Regulation Number 10/11/PBI/2008, the difference lies in the mechanism of return on both, CBI is based on the interest rate regardless of the possibility of profit or loss on investment, when the CBI rate increases, the interest on conventional bank loans increases as well. As a result, it will lead to make the conventional banking customers have difficulties to restore credit to the conventional banks because the interest charges has increased, so that the conventional banking NPLs finally increases. Meanwhile ICBI is by *Ju'alah* contract or in accordance with the benefit obtained (the instruction of National Sharia Board Council of Ulama Indonesia, Number 64/DSN-MUI/XII/2007).

Based on the study by (Poetry & Sanrego, 2011) revealing that there is a negative effect of ICBI toward the NPF, so that the hypothesis is :

H2: ICBI negatively influences NPF

2.3. The influence of Inflation toward NPF

According to (Popita, 2013), Inflation is a rise in the general price level continuously from time to time in an economic system. By the continuous increase in prices, the ability of consumption and saving of society is going down and certainly contributes to high financing problems. In her study, Inflation positively influences the NPF.

Based on the study finding by (Rahmawulan, 2008) and (Ihsan, 2011) which find that there is a positive influence of Inflation toward the NPF, the hypothesis is :

H3: Inflation positively influences NPF

2.4. The influence of FDR toward the NPF

Loan Deposit Ratio (LDR) or FDR at a conventional bank is a ratio that describes the ability of banks to repay withdrawing which is done by depositors through relying on loans as a source of liquidity (Mulyono, 1995). The greater the percentage of funds channeled is, the

higher the FDR will be. It means that a bank is illiquid because the funds owned are almost entirely distributed through financing. So that, the influence of FDR toward NPF is positive.

(Padmantlyo & Muqorrobin, 2011) states that FDR significantly and positively influences NPF. Based on the above studies, then the hypothesis is :

H4: FDR positively influences NPF

2.5. The influence of Bank Size toward NPF

Bank Size is the scale size of the company which is proxified by total assets (Diyanti & Widyarti, 2012). The greater the bank's assets are, the greater the volume of credit that can be used by the bank to reduce the level of spreads will be. As a result, it will lower the loan interest rate, and by low interest, it will expedite loans payment (Dendawijaya, 2000).

Based on the study by (Diyanti & Widyarti, 2012) which finds that there is a significant and negative influence of Bank Size toward the NPF, the hypothesis is :

H5: Bank Size negatively influences NPF

2.6. The influence of CAR toward the NPF

CAR according to (Dendawijaya, 2000) is a ratio that describes how much the entire assets of the bank that involve risks is involved to be financed from the bank capital funds in addition to funds from outside the bank. The higher the result ratio is, the better the ability of banks to cope with the risks existed. It means that the bank is able to cover the credit risk that occurs with the size of the reserve funds obtained from the comparison of capital and risk weighted assets (RWA).

Based on the study by (Diyanti & Widyarti, 2012), CAR significantly and negatively influences financing problems. Then, hypothesis is :

H6: CAR negatively influences NPF

3. RESEARCH METHODS

3.1. Population and Sample

The population in this study is all Islamic banks in Indonesia. The sampling method is done through *purposive sampling* method (*judgmental sampling*) that is done deliberately with the intent to take samples as needed. With this technique, it will ease the authors to cope with sample because it can be adapted to the purpose or research problems. Briefly, the sample of this study is based on the following criteria:

1. Islamic banks that publish quarterly financial reports for the year of observation in the period of 2009-2013.
2. Those quarterly financial reports of the Islamic banks have completeness of the data based on the variables studied.

3.2. Types and Sources of Data

This study uses secondary data. Secondary data is data retrieved from the processed data by others, not taken directly from the source. Secondary data are generally in the form of evidence, records, reports, historical, which have been prepared in the archives. The authors obtains research data in the form of internal variables (FDR, bank size, and CAR) from the website of each IB. GDP Variable is from the Central Bureau of Statistics (www.bps.go.id), whereas the ICBI and inflation variables are from Bank Indonesia (www.bi.go.id).

3.3. Operational Definition and Measurement of Variables

Table 3.1 Operational Definition and Measurement of Variables

| Variables | Formula | Source of formula |
|--------------------|--|------------------------------|
| Dependent | | |
| NPF | $NPF = \frac{\text{total number of financing problem}}{\text{total number of financing}} \times 100\%$ | (Mutamimah & Chasanah, 2012) |
| Independent | | |
| GDP | $GDP = \frac{GDPT - GDPT_{n-1}}{GDPT_{n-1}} \times 100\%$ | (Popita, 2013) |
| ICBI | ICBI repayment level in one year is expressed as a percent. | Bank Indonesia |
| Inflation | $I = \frac{IHK_n - IHK_{n-1}}{IHK_{n-1}} \times 100\%$ | (Diyanti & Widyarti, 2012) |
| FDR | $FDR = \frac{\text{total ratio of financing}}{\text{3rd party financing}} \times 100\%$ | (Diyanti & Widyarti, 2012) |
| Bank Size | $Size = \log n \text{ Total Assets}$ | (Purwana, 2009) |
| CAR | $CAR = \frac{\text{Bank Capital}}{RWA} \times 100\%$ | (Diyanti & Widyarti, 2012) |

Source: Various journals

3.4. Data Analysis Methods

The analysis technique used for this study is multiple regression analysis with the following equation:

$$Y = a + b_1 X_1 + b_2 X_2 + b_3 X_3 + b_4 X_4 + e$$

4. FINDINGS

4.1. Research Data

Table 4.1 Overview of Research Sample

| Criteria | Total Company |
|---|---------------|
| Islamic Banks existing in Indonesia until 2014 | 11 |
| Islamic Banks that do not have the Quarterly Report in the period of 2009 till 2013 | 6 |
| Samples | 5 |
| Merging data of 5 years (Quarter) | 100 |

4.2. Descriptive Statistics

Table 4.2 The Result of Statistik Deskriptif

| | N | Minimum | Maximum | Mean | Std. Deviation |
|--------------------|-----|---------|---------|---------|----------------|
| GDP | 100 | 13.18 | 13.47 | 13.3290 | .08807 |
| ICBI | 100 | 3.82 | 9.03 | 6.0245 | 1.21066 |
| Inflasi | 100 | 2.59 | 8.60 | 5.3285 | 1.73179 |
| FDR | 100 | 78.17 | 183.25 | 95.5470 | 14.13828 |
| Size | 100 | 13.39 | 17.97 | 16.1004 | 1.15357 |
| CAR | 100 | 9.00 | 45.27 | 14.2926 | 5.30831 |
| NPF | 100 | .00 | 7.32 | 2.0837 | 1.26454 |
| Valid N (listwise) | 100 | | | | |

In this study, a qualitative analysis is in the form of elaboration of the descriptive statistics of the variables of the study. The purpose of this test is to figure out descriptive statistics (mean, maximum, minimum, and standard deviation) of all variables used in this study. The average value of FDR is 95.54%, it shows that the FDR is higher if compared with the limit set by Bank Indonesia Of 80%. This also happens in the CAR, the average value of CAR is 14.29%, and it shows that the value

of CAR is higher than the limits set by BI which is about 8%. In contrast to the above variables, the average value of NPF is 2.08%, and it is lower than the limit of BI regulations of 5%. We can see that the value of the standard deviation of all the variables are smaller than the average value, thus, the spreading of the data variable is even.

4.3. Data Analysis

4.3.1. Classical Assumption Test

Classic assumption test aims to determine whether the regression model obtained can produce a good linear estimator. Prior to testing the hypothesis by using multiple regression analysis, this study firstly uses the classical assumption. This model have past all classical assumption test include Normality Test, Multicollinearity Test, Autocorrelation Test, and Heterocedasticity Test.

4.4. Multiple Linear Regression Test

Table 4.2 Result of Multiple Linear Regression

| Model | Unstandardized Coefficients | | Standardized Coefficients | T | Sig. |
|--------------|-----------------------------|------------|---------------------------|--------|------|
| | B | Std. Error | Beta | | |
| 1 (Constant) | 2.695 | 29.680 | | .091 | .928 |
| GDP | .175 | 2.216 | .013 | .079 | .937 |
| ICBI | .225 | .170 | .227 | 1.327 | .188 |
| INFLASI | -.008 | .107 | -.011 | -.070 | .944 |
| FDR | .021 | .010 | .251 | 2.088 | .040 |
| BANK SIZE | -.275 | .112 | -.264 | -2.457 | .016 |
| CAR | -.118 | .030 | -.519 | -3.934 | .000 |

a. Dependent Variable: NPF

Statistical calculations in multiple linear regression analysis used in this study is by using the computer program namely *SPSS for Windows* version 16. The multiple regression equation is used to test H1 to H6 as independent variables on the dependent variable. Based on the results of multiple regression analysis, the regression equation is obtained as follows:

$$Y = 2.695 + 0.175X_1 + 0.225X_2 - 0.008X_3 + 0.021X_4 - 0.275X_5 - 0.118X_6$$

4.4.1. Discussion

4.4.1.1. The Influence of GDP toward NPF

Based on table 4.2, the result of testing GDP variable has significance value of 0.937 which shows $\text{sig} > 0.05$. This means that H_1 is rejected and concluded that GDP variable is not significant to NPF. According to Tranggono in (Mutamimah & Chasanah, 2012), even though the influence of those two variables is positive, but it is

meaningless. This is because when GDP in a particular country is increasing and then it influences the increasing of People income, but this condition indicates that there is a tendency that the people are very consumptive, so that most of their income is allocated more to fulfill their consumptive need, rather than to pay their installment to the bank. This is in line with what (Poetry & Sanrego, 2011) Find which stated that the higher GDP or Country income is, the higher the NPF on Syariah Banking will be.

4.4.1.2. The influence of ICBI toward NPF

The result of testing variabel on Certificate of Islamic Indonesian Bank (ICBI) variable has significant degree of 0.188 which shows $\text{sig} > 0.05$. It means that H_2 is rejected and ICBI variable is not significant to NPF. As it is known that the interest level of ICBI or CBI is influenced by interest rate of BI, so that ICBI has positive influence even though it is not significant. This is because the interest of Islamic Banking in general tends not to get interested in the level of ICBI interest which is influenced by interest rate and this is considered as *haram* (forbidden) by Syariah regulation. This is in line with (Popita, 2013) which shows that WCBI or ICBI does not influence NPF.

4.4.1.3. The Influence of Inflation toward NPF

The result of testing Inflation Variable has significant degree of 0.944 which shows $\text{sig} > 0.05$. It means that H_3 is rejected and inflation variable is not significant to NPF. The increasing of inflation will cause the NPF of islamic banking to decrease, this happens because when there is an increase of prices, providers and banks are not willing to finance. In line with the condition, the inflation can cause cost of production increases and will make the providers loss. As a result, they are not willing to continue or may stop their production temporarily and then the finance will get decreased. Arijanto in (Poetry & Sanrego, 2011). This is in line with (Popita, 2013) which states that Inflation does not affect NPF.

4.4.1.4. The Influence of FDR toward NPF

The result of testing FDR variable has significant degree of 0.040 which shows $\text{sig} < 0.05$. It means that H_4 is accepted and FDR variable is significant to NPF and brings to positive trend. Thus, it means that the higher the FDR is, the higher the fund of third party which is transferred to funding will be, where this condition will cause the increasing of NPF which will occur when it is not well-handled. LDR on Conventional Bank has two effects; first, it has a chance on increasing banking stability in a long term (especially during crisis period), and second, it can also be a burden (NPF) when it is not well-handled (Padmantlyo & Muqorrobin, 2011). This is in line with (Popita, 2013) which states that FDR has positive effect on NPF.

4.4.1.5. The Influence of Bank Size toward NPF

The result of testing Bank Size variable has significant degree of 0.016 which shows $\text{sig} < 0.05$. It means that H_5 is accepted and Bank Size variable is significant to NPF and has negative trend. This is because that the bigger the company (this case is bank) is, the better the system used will become, because it is supported with sophisticated and complemented technology. For instance, every customer who will get finance can be tracked his track record of credit and it also can be monitored on

the process of finance. In addition, it can give guidance to the customers, so that their business will be developed better. Thus, Bank Size has negative effect on NPF. This result is in line with (Diyanti & Widyarti, 2012) where Bank Size has a significant negative effect on NPF.

4.4.1.6. The Influence of CAR toward NPF

The result of testing CAR has significant degree of 0.000 which shows $\text{sig} < 0.05$. It means that H_0 is accepted and CAR variable is significant to NPF and has negative side. The increasing of CAR value can function as reservoir risk of loss which happens to banks because of the increasing of problematic credit. When CAR of Islamic banking is decreasing, so is the number of capital. Little capital is caused by the decreasing of profit or the increasing of RWA. Little profit is caused by the increasing of problematic credit. Taswan in (Diyanti & Widyarti, 2012). This is in line with (Diyanti & Widyarti, 2012) study which stated that CAR has negative significant effect on NPF.

Based on the test on appendix 7, it shows that $\text{sig} < \alpha$ ($0,003 < 0,05$), so that, simultaneously, the variables of GDP, ICBI, inflation, FDR, Bank Size, and CAR have effect on NPF variable. The result of appendix 5 shows the score of 13.3%, while the rest, which is only 86.7%, is influenced by other variables beyond this research or regression model.

5. CONCLUSION, LIMITATION, AND RECOMMENDATION

5.1. CONCLUSION

Based on the analyzed data, it can be concluded that external factors have no effect on NPF, Yet, Internal Factors have ones. The explanation is as follow:

1. GDP variable has no influence toward NPF. The production of a country which causes high income, does not mean that it will decrease NPF. For instance, people spend their income more on consumptive activity.
2. ICBI variable has no influence toward NPF. The higher repayment of ICBI does not decrease the total finance which will affect the decreasing of total NPF.
3. Inflation Variable has no influence on NPF. When inflation happens, it does not cause the increasing of the number of NPF. Many people do not want to propose finance, decreasing production, even stopping their production.
4. FDR Variable has positive effect on NPF. In one side, the higher amount of fund from third party which is transferred to finance will risk high NPF. On another side, this has positive effect that real sector can be developed.
5. Bank Size Variable has negative influence toward NPF. The size of bank determines management action on dispensing finance. The bigger size of a bank will affect them to be more selective when dispensing finance so that it will decrease the total NPF.
6. CAR variable has negative influence toward NPF. The higher the total risky asset which has financially funded only by the capital of bank is, the higher the bank ability to minimize the risk of credit will be, so that it will decrease NPF.

5.2. LIMITATION OF THE STUDY

The coefficient value of determination for independent variables (Gross Domestic Product, Islamic Certificate of Bank Indonesia, Inflation, Financing Deposit Ratio, Bank Size, and Capital Adequacy Ratio) which can explain dependent variable (Non-Performing Financial) is relatively small, which is only 13.33 %. So that it needs other variables.

5.3. RECOMMENDATION

1. GDP has no influence toward NPF. The suggestion is that Indonesian people should be aware of the consequences of having credit is that they should set apart of their income for paying the installment. The higher the income of the people figured out by GDP is, the higher the willingness to pay the installment should become.
2. ICBI has no influence toward NPF. It is recommended that even high benefits of ICBI is influenced by the level of interest rate, the banker should prefer dispensing their fund through finance. The same is true with the people. They should have high interest in having transaction with Islamic Banks. This is because the real sector can be developed and they can get more income to fulfill their need.
3. Inflation has no influence toward NPF. Therefore, it is recommended that the high inflation should not decrease people's interest in transaction of finance. On the contrary, people should be enthusiastic to have business through finance so that they can fulfill their need.

5.4. RECOMMENDATION FOR FURTHER RESEARCH

It is hoped to use samples not only from Islamic Banking but also Islamic business unit (IBU) so that IBU can be known its benefit. Also, it is hoped to add and or change free variables which has effect on NPF like rates and Return of finance ratio of Profit Loss Sharing towards Return of Total Finance.

REFERENCES (Indonesian Version)

- Adnan, M. A., & Furywardhana, F. (2006). Evaluasi Non Performing Loan (NPL) Pinjaman Qardhul Hasan (Studi Kasus di BNI Syariah Cabang Yogyakarta). *JAAI Vol. 10 No. 2*, 155-171.
- Badan Pusat Statistik. (2011). *Publikasi : Laporan Perekonomian Indonesia 2011*. Jakarta: Badan Pusat Statistik.
- Bank Indonesia. (2008). *Peraturan Bank Indonesia Nomor : 10/11/PBI/2008 tentang Sertifikat Bank Indonesia Syariah*. Jakarta: Bank Indonesia.
- Bank Indonesia. (2008). *Surat Edaran Bank Indonesia Nomor 10/16/DPM tentang Tata Cara Penerbitan Sertifikat Bank Indonesia Syariah melalui Lelang*. Jakarta: Bank Indonesia.

- Bank Indonesia. (2008). *Undang-undang Republik Indonesia Nomor 21 tahun 2008 tentang Perbankan Syariah*. Jakarta: Bank Indonesia.
- Bank Indonesia. (2012). *Statistik Bank Indonesia*. Jakarta : Bank Indonesia.
- Dendawijaya, L. (2000). *Manajemen Perbankan*. Jakarta: PT Gramedia Pustaka Utama.
- Diyanti, A., & Widyarti, E. T. (2012). Analisis Pengaruh Faktor Internal dan Eksternal terhadap Terjadinya Non-Performing Loan (Studi Kasus pada Bank Umum Konvensional yang Menyediakan Layanan Kredit Pemilikan Rumah Periode 2008-2011). *Diponegoro Journal of Management Vol. 1 No. 2*, 290-299.
- Ghozali, I. (2007). *Aplikasi Analisis Multivariate dengan program SPSS*. Semarang: BP Undip.
- IAI. (2012). *Pernyataan Standart Akuntansi Keuangan Nomor 31 tahun 2012 tentang Akuntansi Perbankan*. Jakarta: IAI.
- Ihsan, M. (2011). Pengaruh Gross Domestic Product, Inflasi, Dan Kebijakan Jenis Pembiayaan terhadap Rasio Non-Performing Financing Bank Umum Syariah Di Indonesia Periode 2005 sampai 2010. *Universitas Diponegoro*.
- Mulyono, T. P. (1995). Analisis Laporan Keuangan Untuk Perbankan. *Djambatan*.
- Mutamimah, & Chasanah, S. N. (2012). Analisa Eksternal dan Internal dalam Menentukan Non-Performing Financing pada Bank Umum syariah di Indonesia. *JBE Vol. 19 No. 1*, 49-64.
- Padmanty, S., & Muqorrobin, A. (2011). Analisis Variabel yang Mempengaruhi Kredit Macet di Indonesia. *Laporan Penelitian Intensif Reguler Kompetitif*.
- Poetry, Z. D., & Sanrego, D. y. (2011). Pengaruh Variabel Makro dan Moikro terhadap NPL Perbankan Konvensional dan NPF Perbankan Syariah. *Islamic Finance & Public Review Vol. 6 No. 2*.
- Popita, M. S. (2013). Analisis Penyebab Terjadinya Non-Performing Financing pada Bank Umum Syariah di Indonesia. *Accounting Analysis Journal*.
- PT. Bank Syariah BRI. (2014). *Laporan Keuangan Triwulan PT. Bank Syariah BRI*. Jakarta: PT. Bank Syariah BRI.
- PT. Bank Syariah Bukopin. (2014). *Laporan Keuangan Triwulan PT. Bank Syariah Bukopin*. Jakarta: PT. Bank Syariah Bukopin.
- PT. Bank Syariah Mandiri. (2014). *Laporan Keuangan Triwulan PT. Bank Syariah Mandiri* . Jakarta: PT. Bank Syariah Mandiri.
- PT. Bank Syariah Mega Indonesia. (2014). *Laporan Keuangan Triwulan PT. Bank Syariah Mega Indonesia*. Jakarta: PT. Bank Syariah Mega Indonesia.
- PT. Bank Syariah Muamalat Indonesia. (2014). *Laporan Keuangan Triwulan PT. Bank Syariah Muamalat Indonesia* . Jakarta: PT. Bank Syariah Muamalat Indonesia.

Purwana, E. G. (2009). Analisis pengaruh Capital Adequacy Ratio (CAR), Loan to Deposit Ratio (LDR), Size, BOPO terhadap Profitabilitas (Studi Perbandingan pada Bank Domestik dan Bank Asing Periode Januari 2003-Desember 2007). *Universitas Diponegoro*.

Rahman, A. F., & Rochmanika, R. (2012). Pengaruh Pembiayaan Jual Beli, Bagi Hasil, dan Rasio Non-Performing Financing terhadap Profitabilitas Bank Umum Syariah di Indonesia. *Universitas Brawijaya*.

Rahmawulan, Y. (2008). Perbandingan Faktor Penyebab Timbulnya NPL dan NPF Pada Perbankan Syariah Dan Konvensional Di Indonesia. *Thesis PSKTTI-UI*.

Setyowati, D. (2010). Indikasi Moral Hazard dalam Pembiayaan : Perbandingan antara Bank Syariah dan Bank Konvensional.

APPENDICES

Appendix 1: The Research Model

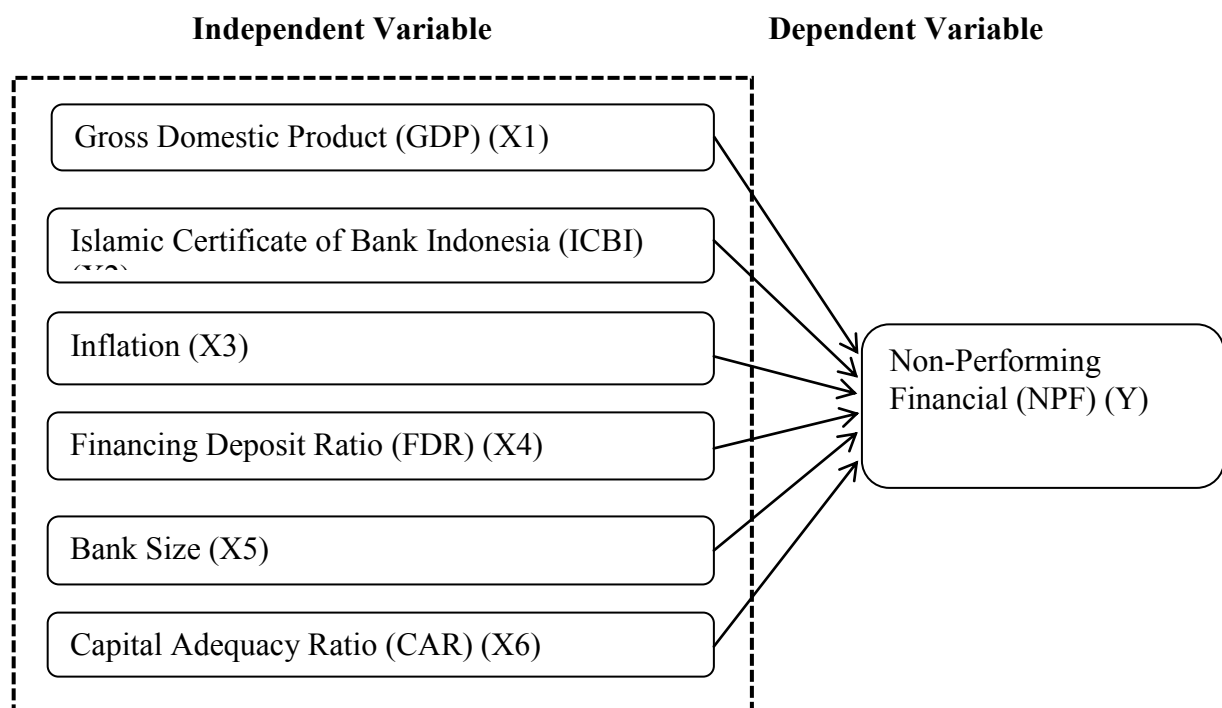


Illustration of Research Model

Appendix 2 : Research Sample of Islamic Banks

| NO | Name of Bank |
|----|-------------------------------------|
| 1 | PT. Bank Syariah Muamalat Indonesia |
| 2 | PT. Bank Syariah Mandiri |
| 3 | PT. Bank Syariah BRI |
| 4 | PT. Bank Syariah Mega Indonesia |
| 5 | PT. Bank Syariah Bukopin |

Appendix 3 : Normality with Kolmogorov-Smirnov Test

One-Sample Kolmogorov-Smirnov Test

| | | Unstandardized Residual |
|-------------------------|----------------|-------------------------|
| N | | 100 |
| Normal | Mean | .0000000 |
| Parameters ^a | Std. Deviation | 1.08591968 |
| Most | Absolute | .099 |
| Extreme | Positive | .099 |
| Differences | Negative | -.071 |
| Kolmogorov-Smirnov Z | | .992 |
| Asymp. Sig. (2-tailed) | | .279 |

a. Test distribution is Normal.

Appendix 4 : Multicollinearity Test

Coefficients

| Model | | Collinearity Statistics | |
|-------|------------|-------------------------|-------|
| | | Tolerance | VIF |
| 1 | (Constant) | | |
| | GDP | .333 | 3.003 |
| | ICBI | .300 | 3.334 |
| | INFLASI | .372 | 2.687 |
| | FDR | .605 | 1.652 |
| | BANK SIZE | .760 | 1.315 |
| | CAR | .504 | 1.985 |

a. Dependent Variable: NPF

Appendix 5 : Autocorrelation Test

Model Summary^b

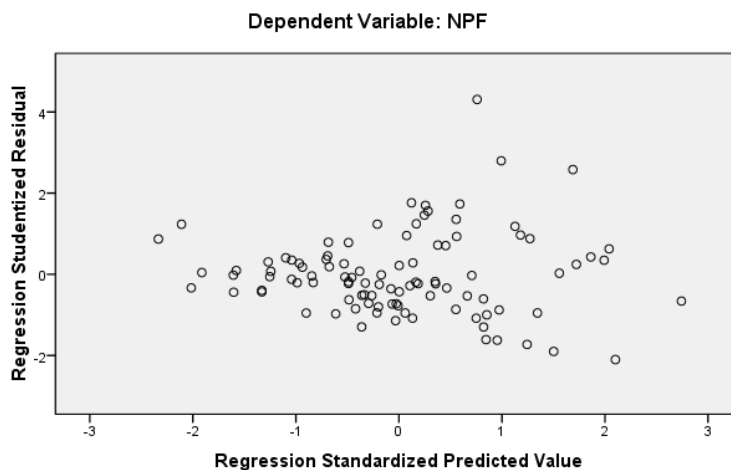
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
|-------|-------------------|----------|-------------------|----------------------------|---------------|
| 1 | .431 ^a | .185 | .133 | 1.12040 | .719 |

a. Predictors: (Constant), CAR, INFLASI, BANK SIZE, GDP, FDR, ICBI

b. Dependent Variable: NPF

Appendix 6 : Heterocedasticity Test

Scatterplot



Appendix 7 : F Test**ANOVA^b**

| Model | Sum of Squares | Df | Mean Square | F | Sig. |
|--------------|----------------|----|-------------|-------|-------------------|
| 1 Regression | 26.565 | 6 | 4.428 | 3.527 | .003 ^a |
| Residual | 116.743 | 93 | 1.255 | | |
| Total | 143.308 | 99 | | | |

a. Predictors: (Constant), CAR, INFLASI, BANK SIZE, GDP, FDR, ICBI

b. Dependent Variable: NPF

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