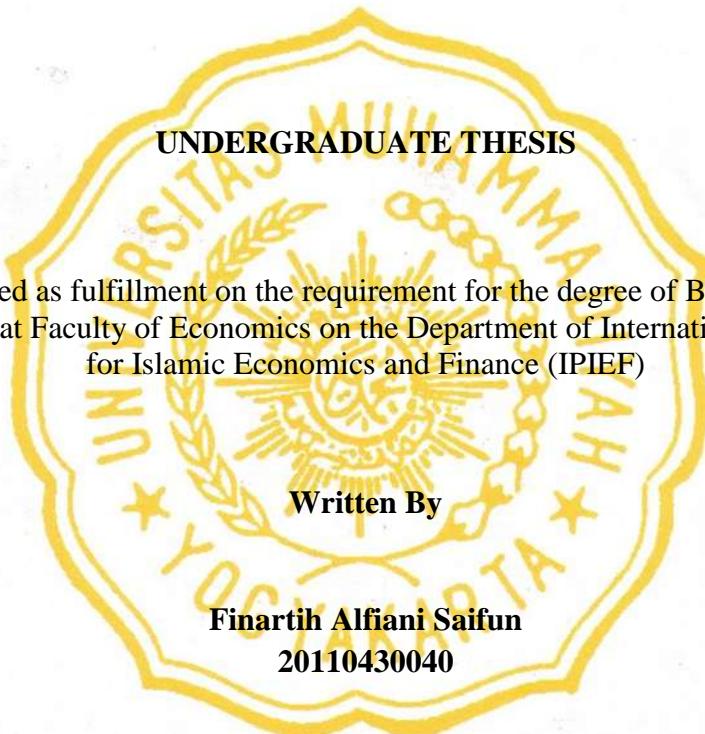


**DETERMINANTS OF RURAL BANK PROFITABILITY  
IN YOGYAKARTA : PERIOD 2012 - 2015**

***FAKTOR - FAKTOR PENENTU PROFITABILITAS BPR  
DI YOGYAKARTA : PERIODE 2012 - 2015***

Submitted as fulfillment on the requirement for the degree of Bachelor of Economics at Faculty of Economics on the Department of International Program for Islamic Economics and Finance (IPIEF)



**FACULTY OF ECONOMICS**  
**UNIVERSITAS MUHAMMADIYAH YOGYAKARTA**  
**2016**

**DETERMINANTS OF RURAL BANK PROFITABILITY  
IN YOGYAKARTA : PERIOD 2012 - 2015**

***FAKTOR - FAKTOR PENENTU PROFITABILITAS BPR  
DI YOGYAKARTA : PERIODE 2012 - 2015***



Supervisor 1

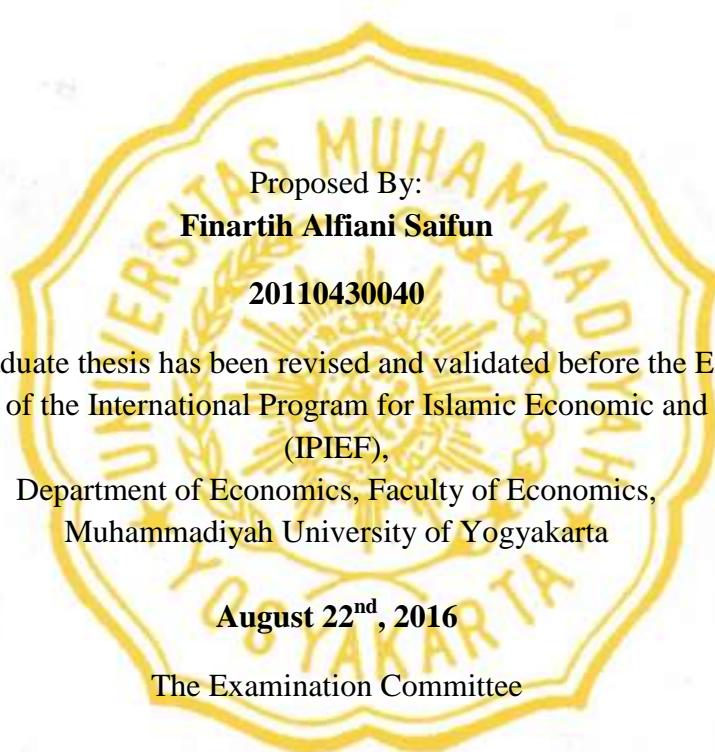
Supervisor 2

Agus Tri Basuki, SE.,M.Si.  
NIK: 143 04

Dr. Masyhudi Muqorobin, M.Ec.,Ph.D.,Akt.  
NIK: 143 018

# **DETERMINANTS OF RURAL BANK PROFITABILITY IN YOGYAKARTA: PERIOD 2012-2015**

## ***FAKTOR PENENTU PROFITABILITAS BPR DI YOGYAKARTA : PERIODE 2012-2015***



Proposed By:

**Finartih Alfiani Saifun**

**20110430040**

This Undergraduate thesis has been revised and validated before the Examination Committee of the International Program for Islamic Economic and Finance (IPIEF),

Department of Economics, Faculty of Economics,  
Muhammadiyah University of Yogyakarta

**August 22<sup>nd</sup>, 2016**

The Examination Committee

Dr. Masyhudi Muqorobin, S.E.,Akt.,M.Ec

Chief, Examiner

Dr. Imamudin Yuliadi, S.E.,M.Si.  
S.E., M.Si. Co-Examiner

Ayif Fathurrahman,  
Co-Examiner

## **DECLARATION**

Name : Finartih Alfiani Saifun

Student Number : 20110430040

I hereby declare that this undergraduate thesis entided “DETERMINANTS OF RURAL BANK PROFITABILITY IN YOGYAKARATA : Period 2012-2015 ” does not consist of any content that ever being proposed for any degree in other university, ideas of any research and publication of other, in exception all quotes and ideas which are purposely taken are considered as the research references and listed in the references list. Therefore, if any violation of intellectual right is found in this study I agree to accept any relevant academic consequences.

Yogyakarta, 22<sup>nd</sup> of August 2016

Finartih Alfiani Saifun

## MOTTO

لَهُ اللَّهُ سَهْلٌ عِلْمًا يُمْفَدِّلُ تَمْسُطَ طَرِيقًا سَلَكَ مُمْنَعًّا  
(مس لم رواه) الْجَنَّةُ إِلَى طَرِيقًا

Barang siapa yang menempuh suatu jalan untuk menuntut ilmu, Allah akan memudahkan baginya jalan ke surga

(HR Muslim).

Tidak ada yg terlalu tinggi untuk dicapai manusia, tapi ia harus memanjatnya dengan hati-hati & penuh keyakinan

(H.C.Andersen)

Dunia hanya bisa digenggam dengan tindakan, buka dengan pikiran. Tangan adalah perpanjangan pikiran.

(Jacob bronowski)

***This undergraduate thesis is my dedication to my beloved mom and dad***

## **ABSTRAK**

*Tujuan studi ini untuk mengetahui dan menganalisis faktor-faktor yang mempengaruhi profitabilitas atau tingkat kinerja keuangan (Return On Asset) Bank Perkreditan Rakyat Konvensional di Daerah Istimewa Yogyakarta periode Desember 2012-Desember 2015. Sampel dalam studi ini adalah seluruh Bank Perkreditan Rakyat yang beroperasi di kabupaten dan kota Daerah Istimewa Yogyakarta yakni (Bantul, Gunung kidul, Kulon progo, Sleman, Yogyakarta). Penelitian ini menggunakan data panel dari data laporan keuangan tahunan yang pada kabupaten / kota di Yogyakarta dari tahun 2012 hingga 2015. Hasil studi menunjukkan bahwa tingkat kecukupan modal (Capital Adequacy Ratio) berpengaruh positif dan signifikan terhadap kinerja keuangan sementara tingkat likuiditas dan penyaluran kredit (Loan to Deposit Ratio) berpengaruh tidak signifikan terhadap kinerja keuangan, tingkat kualitas asset (Non Performing Loan) dan tingkat efisiensi operasional (BOPO) berpengaruh negatif dan signifikan terhadap kinerja keuangan.*

*Kata kunci ROA; Capital Adequacy Ratio, Loan to Deposit Ratio; Non-Performing Loan; BOPO.*

## **ABSTRACT**

*The main objective of this study is to find out the determinants of rural bank profitability in yogyakarta period 2012-2015. Rural Bank is a financial institution whose main activity accept demand deposits, savings and deposits to society so helps rationalize the developing regions or developing country to finance their progress. As it is necessary to control the quality of rural bank performance which is to see the level of profitability by using Return on Assets ratio. This study uses panel data from annual financial statement data published in in districts / cities from 2012 to 2015. The result shows that capital rate (capital adequacy ratio) has positive and significant impact to ROA. liquidity rate and credit distribution rate (loan to deposit ratio) is not significant to ROA. Asset quality rate (Non- Performing Loan) and operational efficiency rate (BOPO) has significantly negative influence to ROA.*

*Keywords : Profitabilitiy, Return Of Assets (ROA), LDR (Loan to Deposit Ratio), BOPO (Operating Income Operating Costs Against), NPL (Non-Performing Loan).*

## **ACKNOWLEDGEMENT**

Bismillahirahmanirrahim

All Praises be to Allah SWT, the Almighty God, The Only One God, He has no partners, The Creator of everything in this Universe, and none Creature stand against Him. Who has given his Gracing for health and Opportunity Till I Can Finish And Complete Writing This Undergraduate Thesis Entitled: “Determinants Of Rural Bank Profitability In Yogyakarta : Period 2012-2015 And also Peace and Salutation always delivered to our best messenger Muhammad Peace be upon Him. Who has become Uswatun Hasanah for all of us.

This Undergraduate Thesis has been structured in partial fulfillment for the requirement for the degree of Bachelor of Economics on Economic Department in Muhammadiyah University of Yogyakarta. With expectations, this Undergraduate Thesis can be used as input for related parties in region to promote the basic sector.

The completion of structuring this Undergraduate Thesis is cannot be separated from the guidance and support of various parties. Therefore, in this opportunity author would to say a lot of thanks to:

1. My highest gratitude to Almighty Allah and my Prophet Muhammad Peace be upon Him, Who has given us mercies and blessing until I can finish my undergraduate thesis without any problems.

2. My Beloved Family, especially my parents Mr. Saifun and Mrs. Nurhayati, who always already support me, work hard for me, for my educational period in Muhammadiyah University of Yogyakarta, I won't let you down, and I do promise to always make them proud of me. And also to My young brother Muhammad Sahidu Saifun, little brother Abdul Syukur and My little sister Salma Nurmalaida.
3. The Honorable Prof. Dr. Bambang Cipto, M.A., as the Rector of Muhammadiyah University of Yogyakarta.
4. Dr. Nano Prawoto, SE.,M.Si., as a Dean of Economic Faculty.
5. Dr. Masyhudi Muqorrobin, S.E., Akt., M.Ec., as the Director of International Program for Islamic Economics and Finance. Muhammadiyah University of Yogyakarta.
6. Dr. Imamudin Yuliadi, S.E., M.Si., as the Head of Economic Department. Muhammdiyah University of Yogyakarta.
7. Mr. Agus Tri Basuki, S.E., M.Si., and Dr. Masyhudi Muqorrobin, S.E., Akt., M.Ec., as my supervisor in writing this Undergraduate Thesis.
8. All Lectures and staff for Economics and IPIEF Dear all IPIEF lectures and IPIEF staff: Dr. Wahdi Yudhi, Diah S Dewanti, M.Sc., Yuli Utami, M.Ec., Dr. Firman Pribadi, Dr. Jaka Sriyana, Dr. Abdul Hakim, Mr. Hudiyanto, Dr. Endah Saptuti, Hendrianto, M.Ec, Anggi Rahajeng, M.Ec, Mr. Umar, MA, Mr. Sahlan, Mrs. Linda Kusumastuti, SE.
9. My beloved friend in IPIEF 2011 Latifan Dian Irani, Yusrina Adani, Intan Afifi, Kharisa Herdayanti, Susilo Nur Aji Cokro Darsono, Maisaroh

Samaae, Amalia Ansiera, Sarah Azzahra, Fisabilillah, Aswab Wibawa, Noval Zulkarnaen and IPIEF batch 2009, 2010, 2012, 2013 and 2014 and the uncountable colleagues.

10. Big Family of Himpunan Mahasiswa Ilmu Ekonomi (HIMIE) UMY.
11. My beloved friend Riski Maulana for all support and pray
12. My Friends ( Mahrus Lutfi, Ery Dwi Pintari, Ika lailatul Jannah ,Herika Jenifer, Caca, Yusuf, Ambar ).
13. My girls from Kos Amelia (Lia, Ayu, Tias,Windi, Nungki, Eca).

Hopefully, this research will give benefits to anyone who needs, and there are still more weakness and mistakes, therefore, it required to criticism and best suggestions for any better results.

Yogyakarta, 22<sup>nd</sup> of August 2016

Finartih Alfiani Saifun

## **CONTENTS**

TITLEPAGE .....	i
SUPERVISORS AGREEMENT PAGE .....	ii
AUTHORIZATION PAGE .....	iii
DECLARATION.....	iv
MOTTO PAGE .....	v
TRIBUTE PAGE .....	vi
ABSTRAK .....	vii
ABSTARCT .....	viii
ACKNOWLEDGEMENT .....	.ix
CONTENTS .....	.xii
LIST OF TABLE .....	.xiv
LIST OF FIGURE .....	.xiv
<b>CHAPTER I INTRODUCTION</b>	
A. Background.....	1
B. Research Limitation.....	7
C. Research Question .....	7
D. Research Objectives .....	8
E. Research Benefit .....	9

## **CHAPTER II THEORITICAL FRAMEWORK AND HYPOTHESIS**

A. Theories .....	10
B. Previous Studie .....	21
C. Theoretical Framework and Hypothesis .....	24
D. Hypothesis .....	28

### **CHAPTER III RESEARCH METHODOLOGY**

A. Subject and Object Research .....	29
B. Type and Source of Data .....	29
C. Population and Sample .....	30
D. Data Collection Techniques .....	28
E. Definition Variable Operational Research .....	31
F. Analysis Method .....	32

### **CHAPTER IV RESEARCH FINDINGS**

A. General Overview .....	45
B. Data Quality Test.....	48
C. Selection Model .....	51
D. Analysis of Panel Data Model .....	53
E. Estimation Results of Panel Regression Model .....	54
F. Theory Test (Economic Interpretation) .....	62

### **CHAPTER V CONCLUSION**

A. Conclusion .....	67
B. Suggestion .....	68
C. Limitations .....	69

### **REFERENCES**

## **APPENDIX**

### **LIST OF TABLE**

1.1 ROA of Rural Banking Yogyakarta Province .....	5
3.1 Variables Operational Definition .....	31
4.1 Yogyakarta Special Region .....	45
4.2 Heteroscidasticity Test with Park Test .....	50
4.3 Test Multicollinearity (Correlation Matrix) .....	50
4.4 Chow Test (Test Likelihood) .....	47
4.5 Hausman Test.....	52
4.6Results Estimate .....	49
4.3 Fixed Effect Model Estimation Results .....	51
4.4 Statistical test .....	55

### **LIST OF FIGURE**

2.1 Research Framework .....	27
4.1 Administrative Map of Central Java .....	45