THE EFFECT OF CAPITAL STRUCTURE, OPERATIONAL EFFICIENCY, NON-INTEREST INCOME, AND GREEN BANKING ON BANK PROFITABILITY

(Empirical Study on Banking Companies Listed on the IDX Year 2016-2022)

THESIS

Presented as Partial Fulfilment of the Requirements of the Degree of Sarjana

Akuntansi (S1) in International Undergraduate Program of Business

Accounting Universitas Atma Jaya Yogyakarta



Compiled by:

Vincensius Reynold Tiodoris

NPM: 201525632

FACULTY OF BUSINESS AND ECONOMICS
ATMA JAYA UNIVERSITY YOGYAKARTA

THE EFFECT OF CAPITAL STRUCTURE, OPERATIONAL EFFICIENCY, NON-INTEREST INCOME, AND GREEN BANKING ON BANK PROFITABILITY

(Empirical Study on Banking Companies Listed on the IDX Year 2016-2022)

THESIS

Presented as Partial Fulfilment of the Requirements of the Degree of Sarjana

Akuntansi (S1) in International Undergraduate Program of Business

Accounting Universitas Atma Jaya Yogyakarta



Compiled by:

Vincensius Reynold Tiodoris

NPM: 201525632

FACULTY OF BUSINESS AND ECONOMICS

ATMA JAYA UNIVERSITY YOGYAKARTA

2023

THESIS

THE EFFECT OF CAPITAL STRUCTURE, OPERATIONAL EFFICIENCY. NON-INTEREST INCOME. AND GREEN BANKING ON

BANK PROFITABILITY

(Empirical Study on Banking Companies Listed on the IDX

Year 2016-2022)

Compiled by:

Vincensius Reynold Tiodoris

NPM: 201525632

Has been read and approved by:

Advisor,

Dr. I Putu Sugiartha Sanjaya, M.Si., Ak., CA. Yogyakarta, July 12. 2024

THESIS

THE EFFECT OF CAPITAL STRUCTURE, OPERATIONAL EFFICIENCY, NON-INTEREST INCOME, AND GREEN BANKING ON BANK PROFITABILITY

(Empirical Study on Banking Companies Listed on the IDX

Year 2016-2022)

Has been prepared and arranged by

Vincensius Reynold Tiodoris

NPM: 201525632

Has been defended in front of examiners on 12 July 2024 and accepted as fulfilment of the requirements for the Degree of Sarjana Akuntansi (S1) in International Undergraduate Program of Business Accounting

Composition of examination committee

Head of Examiners,

Member of Examinee,

Dr. I Putu Sugiartha Sanjaya, M.Si., Ak., CA.

Ignatia Ryana Widyatini, SE., M.Acc

Wimpie Yustino Setiawan., SE., M.Comm., MPA

Yogyakarta, 17 July 2024.

Dean of Faculty Business & Economics

University of Atma Jaya Yogyakarta

Wenefrida Mahestu N. Krisjanti, SE., M.Sc., Ph.D.

DAN EKONOMIKA

Ш

AUTHENTICITY ACNOWLEDGEMENT

I hereby declare that the thesis with the title:

THE EFFECT OF CAPITAL STRUCTURE, OPERATIONAL EFFICIENCY, NON-INTEREST INCOME, AND GREEN BANKING ON BANK PROFITABILITY

(Empirical Study on Banking Companies Listed on the IDX Year 2016-2022)

Is truly the result of my own thoughts and writing, I am fully aware that my writing does not contain other parts or writings of other people, except those that have been quoted and mentioned in the references. If in the future I am proven to have committed plagiarism in this research, the degree I received will be canceled and returned to Atma Jaya University Yogyakarta.

Yogyakarta, July 10, 2024

Vincensius Reynold Tiodoris

ACKNOWLEDGEMENT

The author would like to express his gratitude to the Lord Jesus Christ who has guided him throughout this life's journey and provided blessings while working on his thesis entitled "The Effect of Capital Structure, Operational Efficiency, Non-Interest Income and Green Banking on Bank Profitability". The author also expresses his gratitude for receiving support and assistance from various parties in working on this thesis. Therefore, the author would like to thank:

- Lord Jesus Christ for your unlimited presence, assistance and help while working on your thesis.
- Parents, older brothers, and sisters who always support and encourage the work on the thesis.
- 3. Mr. Dr. I Putu Sugiartha Sanjaya, M.Si., Ak., CA as the thesis supervisor who supported and helped during the thesis work until completion.
- 4. Mrs. Ignatia Ryana Widyatini, SE., M.Acc for her knowledge and knowledge which helped the author in working on his thesis.
- 5. Mr or Mrs, a lecturer at the Faculty of FEB UAJY for their knowledge and knowledge while the author was studying at UAJY.
- 6. IUPBA 20 friends who have encouraged and given encouragement from the start of the semester until now.
- Friends of KKN 86 who motivated and encouraged me in working on my thesis until now.

8. Other parties who cannot be mentioned one by one have provided prayers, assistance, and encouragement to the author so that he can complete the

thesis.

The author realizes that writing this thesis is still far from perfect, therefore constructive criticism and suggestions are accepted. Finally, I hope that writing this thesis can provide contributions and benefits for readers.

Yogyakarta, 10 June 2024

Researcher,

Vincensius Reynold Tiodoris

MOTTO AND DEDICATION

"Don't judge me by my success, but judge me by how often I fall and get back up"

- Nelson Mandela

"The future belongs to those who believe in the beauty of their dreams"

- Eleanor Roosevelt

"Never give up on your dreams, dreams can come true if you believe in them with all your heart"

- Walt Disney

I dedicate it to my father, mother, sister, brother and myself

TABLE OF CONTENTS

TITLE PAGE	i
THESIS APPROVAL	ii
THESIS VALIDATION	iii
AUTHENTICITY ACNOWLEDGEMENT	iv
ACKNOWLEDGEMENT	vii
MOTTO AND DEDICATION	vii
TABLE OF CONTENTS	viii
LIST OF TABLES	xi
LIST OF FIGURES	xii
ABSTRACTS	xiii
CHAPTER I INTRODUCTION	1
1.1. Background	1
1.2. Research Problem	7
1.3. Research Objective	7
1.4. Research Contribution	8
1.5. Writing Structures	8
CHAPTER II THEORETICAL FRAMEWORK AND HYPOTHESIS	
DEVELOPMENT	
2.1 Stakeholder Theory	
2.2. Legitimacy Theory	
2.3. Diversification Product Theory	
2.4. Capital Structure	
2.5. Operational Efficiency	13
2.6. Non-Interest Income	
2.7. Green Banking	15
2.7.1. Green Banking Definition	15
2.7.2. Green Banking Disclosure	15
2.8. Profitability	
2.9. Previous Research	16
2.10. Hypothesis Development	20
2.10.1. The Influence of Capital Structure on Bank Profitability	20

2.10.2. The Influence of Operational Efficiency on Bank Profitability	21
2.10.3. The Influence of Non-Interest Income on Bank Profitability	22
2.10.4. The Influence of Green Banking on Bank Profitability	22
CHAPTER III RESEARCH METHODOLOGY	24
3.1. Types of Research	24
3.2. Objects Research	24
3.3. Population and Sample Research	24
2.7.2. Population Research	24
2.7.3. Sample Research	25
3.4. Variable Research	26
3.4.1. Dependent Variable	26
3.4.2. Independent Variable	26
3.4.3. Control Variable	30
3.5. Research Model	32
3.6. Data Types and Data Collection Techniques	32
3.6.1. Data Types	32
3.6.2. Data Collection Techniques	33
3.7. Data Analysis	33
3.7.1. Descriptive Statistic Analysis	33
3.7.2. Classical Assumption Test	33
3.7.3 Hypothesis Testing	36
CHAPTER IV RESULT AND DISCUSSION	39
4.1. Sample Selection Results	39
4.2. Descriptive statistics	40
4.3. Classic Assumption Test	44
4.3.1. Normality test	44
4.3.2. Multicollinearity Test	45
4.3.3. Heteroscedasticity Test	46
4.3.4. Autocorrelation Test	47
4.4. Hypothesis Testing	49
4.4.1. Model Feasibility Test (F Statistical Test)	49
4.4.2. Coefficient of Determination Test (R2)	50

4.4.3. Hypothesis Testing	51
4.5. Discussion of Research Results	54
4.5.1. The Influence of Capital Structure on Banking Profitability	54
4.5.2. The Influence of Operational Efficiency on Banking Profitability	56
4.5.3. The Influence of Non-Interest Income on Banking Profitability	56
4.5.4. The Influence of Green Banking on Banking Profitability	57
CHAPTER V CONCLUSIONS	59
5.1. Conclusion	59
5.2. Research Limitations	59
5.3. Suggestion	59
REFERENCES	61
APPENDIX	65

LIST OF TABLES

Table 2.1. Previous Research	16
Table 3.1. Green Banking Disclosure Indicators	28
Table 4.1. Research Sample	39
Table 4.2. Descriptive Statistics Results Before Outliers	40
Table 4.3. Descriptive Statistics Results After Outliers	42
Table 4.4. Normality Test Before Outliers	44
Table 4.5. Normality Test After Outliers	45
Table 4. 6. Multicollinearity Test Results	46
Table 4.7. Heteroscedasticity Test Results	47
Table 4.8. Autocorrelation Test Results Before Transformation	48
Table 4.9. Autocorrelation Test Results After Transformation	48
Table 4.10. F Test Results (Goodness of Fit)	49
Table 4.11. Coefficient of Determination Result (R ²)	50
Table 4.12. T Value Test Results	51
Table 4.13. Capital Structure (DAR) Measurement	55

LIST OF FIGURES

Figure 1.1. Banking ROA Performance Graph 2016-2022	2
Figure 3.1. Research Model	32

THE EFFECT OF CAPITAL STRUCTURE, OPERATIONAL EFFICIENCY, NON-INTEREST INCOME, AND GREEN BANKING ON BANK PROFITABILITY

(Empirical Study on Banking Companies Listed on the IDX Year 2016-2022)

Compiled by:

Vincensius Revnold Tiodoris

NPM: 201525632

Advisor:

Dr. I Putu Sugiartha Sanjaya, M.Si., Ak., CA.

ABSTRACTS

This research aims to provide empirical evidence regarding the influence of capital structure, operational efficiency, non-interest income, and green banking on profitability in banks listed on the Indonesia Stock Exchange (BEI) in 2016-2022. The type of data used is secondary data sourced from annual reports and sustainability reports obtained from company websites and/or the Indonesian Stock Exchange website. The proxy used to calculate capital structure is the ratio of debt to total assets, operational efficiency is the ratio of non-interest expenses to total assets, non-interest income is the ratio of non-interest income to total assets, and green banking is the ratio of green banking disclosure indicators. The sample in this study was taken using a purposive sampling method consisting of 211 samples processed using SPSS version 25. The results of the study showed that capital structure had no effect on profitability, operational efficiency had a negative effect on profitability, non-interest income had a positive effect on profitability, and green banking had a positive effect on profitability.

Keywords: Profitability, Capital Structure, Operational Efficiency, Non-Interest Income, Green Banking