

ANALYZE THE EFFECT OF BI RATES, FOREIGN EXCHANGE RATES, INFLATION RATES, AND GDP ON THE NET INTEREST MARGIN OF BANKING COMPANIES LISTED ON IDX (2015 – 2020)

UNDERGRADUATE THESIS Submitted as one of the requirements to obtain Sarjana Akuntansi

By Ricky Theodorus 008202000048

FACULTY OF BUSINESS

ACCOUNTING STUDY PROGRAM

CIKARANG

SEPTEMBER, 2023

PANEL OF EXAMINERS APPROVAL

ANALYZE THE EFFECT OF BI RATES, FOREIGN EXCHANGE RATES, INFLATION RATES, AND GDP ON THE NET INTEREST MARGIN OF BANKING COMPANIES LISTED ON IDX (2015 – 2020)

Submitted by Ricky Theodorus, Accounting Study Program, Faculty of Business, was assessed and approved to have passed the Oral Examination on 15 September 2023.

Panel of Examiner

(Dr. Supeni Anggraeni Mapuasari, SE., M.Sc.)

Chair of Panel Examiner

(Mila A. Reyes, BSBA., CPA.,MBA)

Examiner I

(Dr. Josep Ginting, CFA)

Advisor

STATEMENT OF ORIGINALITY

In my capacity as an active student of President University and as the author of

the undergraduate thesis/final project/business plan stated below:

Name : Ricky Theodorus

Student ID number : 008202000048

Study Program : Accounting

Faculty : Business

I hereby declare that my thesis entitled ANALYZE THE EFFECT OF BI

RATES, FOREIGN EXCHANGE RATES, INFLATION RATES, AND GDP

ON THE NET INTEREST MARGIN OF BANKING COMPANIES LISTED

ON IDX (2015 – 2020) is, to the best of my knowledge and belief, an original

piece of work based on sound academic principles. If there is any plagiarism,

including but not limited to Artificial Intelligence plagiarism, is detected in this

undergraduate thesis/final project/business plan, I am willing to be personally

responsible for the consequences of these acts of plagiarism, and accept the

sanctions against these acts in accordance with the rules and policies of President

University.

I also declare that this work, either in whole or in part, has not been submitted to

another university to obtain a degree.

Cikarang, 8 September 2023

Ricky Theodorus

ii

SCIENTIFIC PUBLICATION APPROVAL FOR ACADEMIC

INTEREST

As a student of the President University, I, the undersigned:

Name : Ricky Theodorus

Student ID number : **008202000048**

Study program : Accounting

for the purpose of development of science and technology, certify, and approve to

give President University a non-exclusive royalty-free right upon my final report

with the title:

ANALYZE THE EFFECT OF BI RATES, FOREIGN EXCHANGE RATES,

INFLATION RATES, AND GDP ON THE NET INTEREST MARGIN OF

BANKING COMPANIES LISTED ON IDX (2015 – 2020)

With this non-exclusive royalty-free right, President University is entitled to

converse, to convert, to manage in a database, to maintain, and to publish my final

report. There are to be done with the obligation from President University to

mention my name as the copyright owner of my final report.

This statement I made in truth.

Cikarang, 8 September 2023

Ricky Theodorus

iii

ADVISOR'S APPROVAL FOR JOURNAL/INSTITUTION'S REPOSITORY

As a lecturer of the President University, I, the undersigned:

Advisor's Name : Dr. Josep Ginting, CFA

NIDN : 20141100502

Study program : Accounting

Faculty : Business

declare that following thesis :

Title of undergraduate thesis: ANALYZE THE EFFECT OF BI RATES,

FOREIGN EXCHANGE RATES, INFLATION RATES, AND GDP ON THE

NET INTEREST MARGIN OF BANKING COMPANIES LISTED ON IDX

(2015 - 2020)

Undergraduate Thesis author : Ricky Theodorus

Student ID number : 008202000048

will be published in journal / institution's repository / proceeding / unpublish

Cikarang, 8 September 2023

Dr. Josep Ginting, CFA

PLAGIARISM CHECK RESULT

ANALYZE THE EFFECT OF BI RATES, FOREIGN

EXCHANGE RATES, INFLATION RATES, AND GDP ON THE

NET INTEREST MARGIN OF BANKING COMPANIES

LISTED ON IDX (2015 – 2020)

ANALYZE THE EFFECT OF BI RATES, FOREIGN EXCHANGE RATES, INFLATION RATES, AND GDP ON THE NET INTEREST MARGIN OF BANKING COMPANIES LISTED ON IDX (2015 – 2020)

ORIGINA	LITY REPORT			
	5% RITY INDEX	13% INTERNET SOURCES	7% PUBLICATIONS	4% STUDENT PAPERS
PRIMARY	SOURCES			
1	jurnal.u	nmer.ac.id		1%
2	reposito	ory.president.ac.	id	1%
3	pdfs.ser Internet Sour	manticscholar.or	g	1%
4	www.re	searchgate.net		1%
5	lib.ui.ac.			1%
6	journal.	adpebi.com		1%
7	beman.			<1%
8	Sersc.or			<1%

Stats

Average Perplexity Score: 80.528

A document's perplexity is a measurement of the randomness of the text

Burstiness Score: 78.544

A document's burstiness is a measurement of the variation in perplexity

Your sentence with the highest perplexity, "(Longstaff & Schwartz, 2018).", has a perplexity of: 504

ACKNOWLEDGEMENT

The author of this research wishes to thank God Almighty for his assistance and direction during the whole process of writing this thesis, from the beginning of the thesis-writing process to the end. The study's author titled the thesis ANALYSE THE EFFECT OF BI RATES, FOREIGN EXCHANGE RATES, INFLATION RATES, AND GDP ON THE NET INTEREST MARGIN OF BANKING COMPANIES LISTED ON IDX (2015 - 2020).

Since this study could not have been finished without the support and encouragement of many individuals, the researcher would also want to take this opportunity to truly and honestly thank all of those people who helped and supported the researcher:

- The Dean of the Faculty of Business, President University, Maria Jacinta Arquisola, B.A, MHRM., PH.D.
- The Head of Accounting Study Program, President University, Mila Austria Reyes, BSBA., CPA., MBA.
- 3. The Secretary of Accounting Study Program, President University, Mrs. Srieatun.
- 4. Dr. Josep Ginting, CFA, as a researcher's thesis advisor, I am very thankful from the start of the study through its successful conclusion. I appreciate all of your help, encouragement, insight, and advice.
- 5. For my family, my father, my mom and my sister. My family has been my number one offering support during my thesis. They help, support, trust and pray for me every single moment. My family have been a strong basis

- for my life. I wouldn't be the person I am nowadays without my family. Thank you for being supportive of me. I love you, Dad, I love you, Mom, and I love you, Karin.
- 6. Thank you for your support, my friend, Nuge. It would have been harder without your support and help during my thesis. Thank you, nug!!
- 7. Thank you to my friends, Felicia Hefriandita Sarapil, Herry Sugianto, and Putu Cindy Vania Ardelia Putri Paramitha and Catherine Wijaya, who have supported each other since the first semester of college until now.
- 8. Acknowledgements are sent to all those who have contributed to the compilation of this thesis, but it is not easy to list them individually.
- 9. Lastly, I want to compliment myself for coming this far. You have been the one who has gone through everything, the one who endured hardships, and the one who has been blessed. You've already done well. You've become better at handling everything and become a better version of yourself. Continue to grow and evolve; it will be a never-ending excitement.

TABLE OF CONTENTS

PAGE CC	OVER	(
PANEL O	OF EXAMINERS APPROVAL	i
STATEM	ENT OF ORIGINALITY	ii
SCIENTI	FIC PUBLICATION APPROVAL FOR ACADEMIC INTEREST	iii
ADVISO	R'S APPROVAL FOR JOURNAL/INSTITUTION'S REPOSITORY	iv
PLAGIAI	RISM CHECK RESULT	V
ACKNOV	WLEDGEMENT	vii
TABLE C	OF CONTENTS	ix
LIST OF	FIGURES	X
LIST OF	TABLES	xii
ABSTRA	CT	xii
INTISARI	<i></i>	. xiv
СНАРТЕ	R I INTRODUCTION	1
1.1 I	Research Background	1
1.2 I	Research Problem	e
1.3 I	Research Question	7
	Research Objectives	
	Research Scope and Limitation	
1.6 I	Research Benefits	9
	R II LITERATURE REVIEW	
2.1 Theo	ory	
2.1.1	Monetary Policy Theory	
2.1.2	Financial Intermediation Theory	11
2.1.3	BI rate	12
2.1.4	Foreign Exchange Rate	12
2.1.5	Inflation Rate	
2.1.7	Net Interest Margin (NIM)	
2.2 I	Hypothesis Development	17
2.2.1	The Impact of BI Rate on the Net Interest Margin	
2.2.2	The Impact of Foreign Exchange Rate on the Net Interest Margin	18
2.2.3	The Impact of Inflation Rate on the Net Interest Margin	19

2.2.4	The Impact of GDP on the Net Interest Margin	. 21
2.3	3 Research Framework	
CHAPTER III RESEARCH METHOD		
3.1 Secondary Data Collecting and Processing		. 23
3.2	Variable and measurement	. 24
3.2.	1 Dependent Variable	. 24
3.2.2	2 Independent Variable	25
3.3	Research Method	27
3.3.	1 Descriptive Statical Analysis	27
3.3.2	2 Hypothesis Test	30
CHAPT	ER IV RESULT ANALYSIS, DISCUSSION, AND IMPLICATION	. 34
4.1	Result Analysis	34
4.1.	1 Descriptive Data	34
4.1.2	2 Descriptive Statistic Analysis	35
4.1.3	3 Classical Assumption Test	36
4.1.4	4 Multiple Regression Analysis	39
4.1.5	5 Hypothesis Test	. 41
4.2	Research Discussion	. 44
4.2.	BI Rate Impact on The Net Interest Margin	. 44
4.2.2	Foreign Exchange Rate Impact on The Net Interest Margin	45
4.2.3	Inflation Rate Impact on The Net Interest Margin	. 45
4.2.4	4 GDP Impact on The Net Interest Margin	. 46
CHAPT	ER V CONCLUSION, LIMITATION AND SUGGESTIONS	. 47
5.1	Conclusion	. 47
5.2	Limitations	
5.3	Suggestions	
Reference	ces	. 49
APPENI	DIX	. XV

LIST OF FIGURES

Figure 1.1 NIM in ASEAN Bank Companies	4
Figure 2.1 Research Freamework	
Figure 4.1 Descriptive Statistic Result	
Figure 4.2 Normality Test Result	
Figure 4.3 Multicollinearity Test Result	37
Figure 4.4 Heteroscedasticity Test Result	38
Figure 4.5 Multiple Regression Analysis Test Result	39
Figure 4.6 T - Test Result	41

LIST OF TABLES

Table 4.1 Banking Companies	. 34
Table 4.2 F - Test Result	
Table 4.3 R2 Squared Test Result	. 43

ABSTRACT

The purpose of this study is to determine the macroeconomic factors that can affect Net Interest Margin of Indonesia Banking Companies that listed on Indonesia Stock Exchange (IDX) from 2015 to 2020. The researcher uses BI Rates, Foreign Exchange Rates, Inflation Rates, And Gross Domestic Product data as test indicators to identify the significance of the relationship between macroeconomics and Net Interest Margin. The sampling method used by researchers is purposive sampling method by taking 10 Indonesia banking companies that have the biggest capitalization on the first half of 2023. The final results of this study indicate that the BI Rate has no significant influence, Inflation Rate has no significant influence, Foreign Exchange Rate significantly influences, and GDP significantly influences on Net Interest Margin of Banking Companies

Keywords: Net Interest Margin, BI Rates, Foreign Exchange Rates, Inflation Rates, And Gross Domestic Product

INTISARI

Tujuan dari penelitian ini adalah untuk mengetahui faktor-faktor makroekonomi

yang dapat mempengaruhi Marjin Bunga Bersih pada Perusahaan Perbankan

Indonesia yang terdaftar di Bursa Efek Indonesia (BEI) pada tahun 2015 hingga

2020. Peneliti menggunakan data BI Rate, Nilai Tukar Mata Uang, Tingkat

Inflasi, dan Produk Domestik Bruto sebagai indikator uji untuk mengidentifikasi

signifikansi hubungan makroekonomi dengan Marjin Bunga Bersih. Metode

pengambilan sampel yang digunakan peneliti adalah metode purposive sampling

dengan mengambil 10 perusahaan perbankan Indonesia yang mempunyai

kapitalisasi terbesar pada semester pertama tahun 2023. Hasil akhir penelitian

ini menunjukkan bahwa BI Rate tidak berpengaruh signifikan, Tingkat Inflasi

tidak berpengaruh signifikan, Nilai Tukar Mata Uang Asing berpengaruh

signifikan, dan PDB berpengaruh signifikan terhadap Net Interest Margin

Perusahaan Perbankan.

Kata kunci: Marjin Bunga Bersih, BI Rate, Nilai Tukar Mata Uang, Tingkat

Inflasi, dan Produk Domestik Bruto.

xiv