

LIST OF CONTENT

ORIGINALITY STATEMENT OF THE THESIS	ii
THESIS SUPERVISOR'S APPROVAL	iii
THESIS EXAMINATION COMMITTEE	iv
ABSTRACT	v
PREFACE	vi
LIST OF CONTENT	viii
LIST OF TABLE	xi
CHAPTER 1 INTRODUCTION	1
1.1 Research Background	1
1.2 Research Objectives.....	5
1.3 Research Questions.....	5
1.4 Research Beneficiary	5
1.5 Thesis Structure	7
CHAPTER 2 LITERATURE REVIEW.....	9
2.1 Operational Efficiency	9
2.2 Determinants of Operational Efficiency and Performance	10
2.2.1 Cost-to-Income Ratio.....	10
2.2.2 Provisions.....	12

2.2.3	Bank Size	14
2.2.4	Interest Rate	15
2.2.5	Inflation Rate	18
2.2.6	Real GDP Growth Rate.....	20
2.2.7	Coronavirus Crisis	21
CHAPTER 3 RESEARCH METHOD		24
3.1	Data	24
3.2	Empirical Model	24
3.3	Panel Model	25
3.3.1	The Pooled Model (Common Effects Model)	25
3.3.2	Fixed Effects Model.....	26
3.3.3	Random Effects Model	26
3.4	Panel Model Selection	26
3.4.1	Chow-Test	26
3.1.1	Hausman Test.....	27
3.1.2	Lagrange Multiplier (LM) Test.....	28
3.5	Diagnostic Test.....	28
3.5.1	Autocorrelation Test.....	28
3.5.2	Heteroskedasticity Test	29
3.5.3	Cross-Sectional Dependence Test.....	29
CHAPTER 4 RESULT AND DISCUSSION		31

4.1	Descriptive Statistics.....	31
4.2	Panel Model Selection	35
4.2.1	Chow Test	35
4.1.1	Hausman Test.....	36
4.3	Diagnostic Test.....	36
4.3.1	Heteroscedasticity test	36
4.3.1	Autocorrelation Test.....	37
4.3.2	Cross-sectional Dependence Test.....	37
4.4	Result and Empirical Interpretation	38
CHAPTER 5	CONCLUSION.....	50
5.1	Conclusion	50
5.2	Suggestion.....	53
Bibliography	55	

LIST OF TABLES

Table 3-1 Variable Description.....	24
Table 4-1 Descriptive Statistic.....	31
Table 4-2 Chow Test.....	35
Table 4-3 Hausman Test.....	36
Table 4-4 Heteroscedasticity.....	36
Table 4-5 Autocorrelation Test.....	37
Table 4-6 Cross-sectional Dependence Test.....	38
Table 4-7 Panel Data Regression.....	39