

**The Miracles Impact of Inflation Rates on Stock Market
Returns Volatility Evidence from Asia:
Developing Countries Vs Developed Countries**

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PARTICULARS	PAGES
ii. Use of Study	ii
iii. Preface	iii
iv. Abstract	iv
v. Declaration	v
vi. Acknowledgement	vi
vii. List of Tables	vii
viii. List of Figures	viii
ix. Table of Content	ix-x
CHAPTER 1 INTRODUCTION	
1.0 Background of Study	1-8
1.1 Problem Statement	8-9
1.2 Research Objective	9
1.3 Scopes of the Study	9
1.4 Limitation of the Study	10
1.5 Significance of the Study	11
1.6 Organization of the Study	
• Chapter overview for every chapter	12-14
CHAPTER 2 LITERATURE REVIEW AND THEORY	
2.0 Overview of the Literature Review	15
2.1 Theories associated with this study	15
2.2 Literature Review	16-23
2.3 Theoretical Framework	24-25
2.4 Conclusion of Literature Review	26
CHAPTER 3 DATA AND METHODOLOGY	
3.0 Introduction	27
3.1 Data	27
3.2 Measurement of Variables	28
3.3 Research Design	28
• Variable Explanation	29
• Research Design	30
• Flowchart of the Study	31
3.4 Methodology	
• Unit Root Test	32
• ARCH and GARCH Model	33-34
3.5 Estimation Procedures	35-36
3.6 Hypothesis Development	37
3.7 Statistical Software use (E-View7.0)	38
3.8 Conclusion of Chapter	38
CHAPTER 4 RESULT AND FINDING	
4.0 Introduction	39
4.1 Descriptive Statistic	39-41
4.2 Unit Root Test	42
4.3 Graph	43-44
4.4 Finding	
• ARCH and GARCH Model 1	45-46
• ARCH and GARCH Model 2	47-48
4.5 Conclusion of Chapter	48
CHAPTER 5 CONCLUSION AND RECOMMENDATION	
5.0 Introduction	49
5.1 Conclusion	9
5.2 Recommendation	50
REFERENCES	51-58
APPENDICES	59-64

PREFACE

An efficient stock market acts as a barometer to economic growth. Investors and policy makers therefore rely on estimation of market returns as a barometer of the economic growth and stabilization. Inflation rate is one of the main factors that contribute to the volatility of stock returns. Theoretically, the higher the inflation fluctuates, the greater the risk for stock returns. In this study, Generalized Autoregressive Conditional Heteroskedasticity (GARCH) model has been used to analyze the impact of inflation rate volatility on stock returns volatility for six Asian countries: Philippines, Singapore, Malaysia, India, Korea, and Japan. The findings suggest that the effects of inflation rates on stock market returns volatility shown mixed results, where there are both positive and negative results.

The importance of this study is our results of the study market returns volatility in these countries are expected to give a new sign and knowledge regarding the situation in stock markets condition especially in these Asian countries. It is also can be used as a reference for the future researcher that is interested on searching and solving the inefficiency of stock market returns.

The thesis had been divided into five main parts that is introduction, literature review, data and methodologies, findings and the last part is conclusion and recommendation. In chapter 1, the introduction, the objective of the study, limitation of the study, the scope of study, the theory associated with study, the significant of the study and review on the topic will be discussed. In Chapter 2, previous studies by other researcher's papers will be mentioned in hope that reliable evidence can be writing up in the review of literatures. In Chapter3, the data and methodology that being used is explained clearly. Chapter 4, results and findings is elaborated to come out with a recommendation suitable from the analysis. Last but not least in Chapter 5, an overall conclusion will be stated for summarizing the overall studies.

ABSTRACT

This paper aims to examine the relationship between inflation and the stock market return volatility. In financial market, the condition of stock market return volatility is the major concern among investors as it brings the investment risk. In this study, we use Generalized Autoregressive Conditional Heteroskedasticity (GARCH) model to estimate the volatility return of stock market for each given country. The impact of inflation rate has been investigated in order to know either there is predictive power for stock market volatility in Six Asian countries. The findings suggest that impact of inflation rate on the stock market could be both the positive and negative relationship depends on the market environment. We found that our empirical results show all the developed countries which are Singapore, Japan, and Korea have negative relationships between inflation rate and stock market returns volatility while most of developing countries that we tested show positive relationships except for India. Countries with the higher the rate of inflation relatively has greater stock market volatility where the risk is greater in the market.

LIST OF TABLES

Table	Title	Page
Table 1	Variable Explanations	29
Table 2	Descriptive Statistics	40
Table 3	Unit Root Test	42
Table 4	GARCH Model 1	45
Table 5	GARCH Model 2	47