

**A STUDY ON THE RELATIONSHIP BETWEEN CONSUMER
PRICE INDEX, INTEREST RATES, MONEY SUPPLY AND
EXCHANGE RATE TOWARDS PROPERTY INDEX IN
MALAYSIA**

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ABSTRACT

The purpose of this paper is to determine whether the relationship between consumer price index (CPI), interest rate refer to base lending rate (BLR), money supply (M2) and exchange rate (YEN/RM) can affect significantly towards property index (PI) in Malaysia. With that, CPI, interest rate, money supply and exchange rate will be as independent variable and PI will be as dependent variable. The study of data has been recorded in 10 years from 1996 to 2005 in monthly basis. Multiple Linear Regression analysis is used in finding out the relationship between dependent and independent variables. Based on the analysis, there is a significant relationship between interest rate (BLR) with the PI. However, there is no significant relationship between CPI, money supply and exchange rate with the PI. The PI reacts positively with the changes in interest rate but reacts negatively towards the changes in CPI, money supply and exchange rate.

TABLE OF CONTENTS

	PAGE
DECLARATION OF ORIGINAL WORK	i
LETTER OF TRANSMITTAL	ii
ACKNOWLEDGEMENTS	iii
ABSTRACT	iv
LIST OF FIGURE AND CHART	v
LIST OF ABBREVIATIONS	vi
 CHAPTER 1: GENERAL INTRODUCTION	
1.0 Introduction	1
1.1 Background of study	3
1.2 Overview of property market in Malaysia	5
1.3 Problem statement	8
1.4 Objective of study	10
1.5 Scope of study	11
1.6 Theoretical framework	12
1.7 Statement of hypotheses	14
1.8 Significant of study	16
1.9 Limitations of study	17
1.10 Definition of term	19
 CHAPTER 2: LITERATURE REVIEW	
2.1 Interest rates	20
2.2 Inflation rates and exchange rates	21
2.3 Money supply	22

CHAPTER 3: RESEARCH METHODOLOGY

3.1	Sample and sampling design	24
3.2	Data collection	26
3.3	Data analysis	26
3.4	Regression technique	27
3.4.1	Correlation Coefficient	28
3.4.2	Coefficient of Determination	28
3.4.3	T-Statistic	29
3.4.4	F-Statistic	30
3.4.5	Durbin-Watson	32

CHAPTER 4: FINDINGS AND DATA ANALYSIS

4.1	Equation of Multiple Linear Regression	34
4.2	Test of Auto Correlation	35
4.3	Test of Correlation	38
4.4	Test of Significant	40
4.5	Exchange rate – Property index	44
4.6	Interest rate – Property index	45
4.7	Consumer price index – Property index	46
4.8	Money supply – Property index	47
4.9	Conclusion	50

CHAPTER 5: CONCLUSION AND RECOMMENDATIONS

5.1	Conclusions	51
5.2	Recommendations	57

BIBLIOGRAPHY	60
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APPENDICES	63
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1.0 INTRODUCTION

Much theoretical and empirical work already exists focusing on the link between property returns and macroeconomic variables. According to the Journal *Macroeconomic risk factors in Australian Commercial Real Estate, listed property trust and property sector stock returns: A comparative analyses using GARCH-M* by **West T. and Andrew C.W. (2006)** said for instance, such information is demonstrably valuable in providing an improved understanding of property investment risk factors and yielding better and more accurate forecasts of future property returns, especially when "...considerable evidence indicates that state variables such as the slope of the term structure, expected and unexpected inflation, industrial production, and the spread between high-grade and low-grade bonds proxy for economic risk factors that are rewarded, ex ante, in the stock market" (**Ling and Naranjo 1997**, p. 284).

Prior studies such as **Chance and Lane (1980)**, **Flannery and James (1984)**, **Mansur (1995)**, **Flannery et al. (1997)** and **Elyasiani and Mansur (1998)** have provided consistent evidence that stock returns are sensitive to interest rate movements and that unanticipated real interest rate is relevant in the pricing of common stocks. Similarly, several studies in the USA, UK and Singapore have observed that returns of direct real estate, REITs and property companies are influenced by interest rate movements.