

UNIVERSITI TEKNOLOGI MARA

THE IMPACT OF MACROECONOMIC VARIABLES TOWARDS HOUSING PRICE INDEX IN MALAYSIA

NURUL BINTI MAZLAN 2015684324

BACHELOR OF BUSINESS ADMINISTRATION WITH HONOURS (ECONOMICS) FACULTY OF BUSINESS MANAGEMENT

JULY 2018

ACKNOWLEDGEMENT

In the name of Allah and the most Beneficent and the most Merciful

All praises to the Allah S.W.T for giving me the strength, courage, inspiration and patience for completing this study without any obstacles and within the time period. All the goodness is come from Allah S.W.T.

First and foremost, I would like to dedicate my gratitude and thanks go to my supervisor Prof. Madya Dr. Halimahton Borhan for her supervision, encouragement, opinion, idea and provide a better insight regarding to this study.

I also wish a special thanks to those who are involve directly or indirectly for helping and give cooperation in obtaining information or knowledge regarding this topic. Special appreciation is given to my family especially parents who never give up in supporting in term of moral and material, patience, understanding and sacrifice everything until this study is fully done.

TABLE OF CONTENTS

Page
ii
iii
iv
V
vi
ix
ix
ix
X
1
2
3 5
10
10
11
13
14
15
16
17
18
20
22
22
23
24

CHAPTER 3: RESEARCH METHODOLOGY

3.0 Introduction	25
3.1 Research Design	25
3.2 Data Collection Method	26
3.3 Data Processing	27
3.4 Theoretical Framework	28
3.5 Data Analysis 3.5.1 EViews 3.5.2 Multiple Linear Regression 3.5.3 F-Test Statistic 3.5.4 T-Test Statistic 3.5.5 Unit Root Test 3.5.6 Diagnostic Checking 3.5.6.1 Model Specification & Normality Test 3.5.6.2 Multicollinearity 3.5.6.3 Autocorrelation 3.5.6.4 Heteroscedasticity	29 29 29 31 32 33 33 34 36 36
3.6 Conclusion CHAPTER 4: DATA ANALYSIS AND FINDINGS	37
4.0 Introduction	38
4.1 Empirical Result of Multiple Linear Regressions Model4.1.1 Diagnostic Checking of Multiple Linear Regression Model	38 39
4.2 Unit Root Test	41
4.3 Problem solving 4.3.1 Empirical Result of Multiple Linear Regressions Model 1	44 44
4.3.1.1 Diagnostic Checking of New Model	45
4.3.2 Unit Root Test for Model 1	47
4.3.3 Interpretation of Multiple Linear Regression Results of Model 1	50
4.4 Conclusion	53

ABSTRACT

In these recent years, Malaysia has experienced significant rises in housing price. Thus, it caused a distress among citizens especially young generation as the rises in housing price. The purpose of this study is to investigate the impact of macroeconomic variables towards housing price index in Malaysia from 1st Quarter 1998 until 4th Quarter 2017. The macroeconomic variables are gross domestic product (GDP), interest rate (INT), foreign exchange rate (FX), unemployment rate (UE) and money supply (MS). This study exercises Ordinary Least Square (OLS) methods in order to identify the relationship amongst the variables. This study found that interest rate and unemployment rate have a negative significant relationship towards housing price index in Malaysia. Meanwhile, money supply found a positive significant relationship toward housing price index. However, gross domestic product and foreign exchange rate have no significant relationship to housing price index in Malaysia.