



**THE FACTORS DETERMINING  
THE DECLINING RATE OF TOTAL FERTILITY RATE  
IN MALAYSIA**

**LARAINN JAMINIH**

**2016328761**

**BACHELORS OF BUSINESS ADMINISTRATION WITH HONOURS**

**(BUSINESS ECONOMICS)**

**FACULTY OF BUSINESS MANAGEMENT**

**UNIVERSITI TEKNOLOGI MARA**

**SABAH**

**DECEMBER 2019**

**DECLARATION OF ORIGINAL WORK**



**BACHELOR OF BUSINESS ADMINISTRATION WITH HONOURS**

**(BUSINESS ECONOMICS)**

**FACULTY OF BUSINESS MANAGEMENT**

**“DECLARATION OF ORIGINAL WORK”**

I, \_\_\_\_\_, (I/C Number: \_\_\_\_\_)

Hereby, declare that:

- This work has not previously been accepted in substance for any degree, locally or overseas, and is not being concurrently submitted for this degree or any degree.
- This project paper is the result of my independent work and investigation, except where otherwise stated.
- All verbatim extracts have been distinguished by quotation marks and sources of my information have been specifically acknowledged.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## TABLE OF CONTENTS

	<b>Page</b>
TITLE PAGE	i
DECLARATION OF ORIGINAL WORK	ii
ACKNOWLEDGEMENT	iii
TABLE OF CONTENTS	iv
LIST OF FIGURES	vi
LIST OF TABLES	vii
LIST OF ABBREVIATIONS	viii
ABSTRACT	ix
CHAPTER 1 INTRODUCTION	
1.0 Background of study	1
1.1 Problem statement	1-2
1.2 Research questions	2-3
1.3 Research objectives	3
1.4 Significance of studies	3-4
1.5 Scope and limitation of study	4
1.5.1 Scope of study	4
1.5.2 Limitation of study	4
1.5.2.1 Availability of data	4
1.5.2.2 Access of authorization	5
1.5.2.3 Time constraints	5
CHAPTER 2 LITERATURE REVIEW	
2.0 Introduction	6
2.1 Theory associated with study	6
2.1.1 Concept of total fertility rate	6-8
2.1.2 Concept of total labour employed in professional career	8-9

## LIST OF TABLES

### **Tables:**

Table 1	Data collection method
Table 2	Unit root test
Table 3	Data and descriptive analysis
Table 4	Least-square regression – Raw data estimation
Table 5	Least-square regression – Log equation
Table 6	Multicollinearity problem – VIF
Table 7	Drop redundant variable – VIF
Table 8	Autocorrelation – Auto Regression, AR (1)
Table 9	Autocorrelation – Moving Average, MA (1)
Table 10	Heteroskedasticity – Breusch-Pagan-Godfrey
Table 11	Heteroskedasticity – ARCH
Table 12	Findings of estimation

## **ABSTRACT**

In this paper, we will be discussing about the relative declining of total fertility rate (TFR) in Malaysia since 1987 up to 2017. This phenomenon has become a problem today as it is concerning about the size of population that has shrink almost triple times since 38 years ago today. Given that the population of Malaysia has double since then, it is really interesting to see how the total fertility rate in the country has greatly decline to the lowest rate ever recorded. Thus, we will look further into the reason of the declining total fertility rate in Malaysia and whether there are significant relationship with the variables. The researcher will also be using Ordinary Least Square (OLS) method to regress all data to interpret the findings. At the end of the paper, there will be a relationship between numbers of labour employed in professional career, numbers of labour employed with tertiary education, household income and housing prices.