

UNIVERSITI TEKNOLOGI MARA

**A STUDY ON FACTOR AFFECTING THE DIAGNOSIS OF
ISCHEMIC HEART DISEASE IN SEREMBAN**

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Final Year Project Submitted in Partial Fulfillment of the Requirements
for the Degree of

BACHELOR OF SCIENCE (HONS.) STATISTICS

FACULTY OF COMPUTER AND MATHEMATICAL SCIENCES

JULY 2019

ABSTRACT

Ischemic heart disease (IHD) or known as coronary heart disease occurs when the major blood vessels supplying the coronary arteries with blood, oxygen and nutrients to the heart become narrow by plaque. Department of Statistic was revealed that in 2017, 13.9 per cent of death in Malaysia is caused by IHD, thereby make IHD as number one cause of the death in Malaysia on 2017. Therefore, this study was constructed to investigate the factors that contribute significantly to the diagnosis of IHD and to obtain the best logistic model in diagnosis IHD. Logistic regression and stepwise analysis were handled with independent variable age, BMI, medical family history, systolic blood pressure, diastolic blood pressure, tobacco use and diabetes mellitus. This study was carried out on warded patients at Hospital Tuanku Ja'afar, Seremban Negeri Sembilan. The result of this study was revealed that all variable in these studies which are age, BMI, family medical history, systolic and diastolic blood pressure and diabetes mellitus can be used to predict the diagnosis of IHD.

ACKNOWLEDGEMENTS

IN THE NAME OF ALLAH, THE MOST GRACIOUS, THE MOST MERCIFUL
First and foremost, praise to Allah the Most Gracious and Most Merciful for giving us the opportunity to complete this final year project. It is our pleasure to thank those who have made this study possible and have given us the encouragement to proceed with this project and completing them.

We would like to express our sincere gratitude to our supervisor, Puan Jaida Najihah binti Jamidin, for the continuous support in completing this project, for her patience, motivation, enthusiasm and her immense knowledge. Her guidance helped us in all the time in research and writing of this project.

Beside that, we would like to extend our deepest appreciation to Dr. Sethujanatran Kuppan, Medical Clinical Specialist at Hospital Tuanku Ja'afar Seremban for all the helps and guidance to go through all the procedures that are needed for us to access the data from the hospital. Also, we would like to thank all the staffs in Administration Department, Cardiology Department and Clinical Research Centre (CRC) of Hospital Tuanku Ja'afar Seremban for their cooperation.

Thanks to our beloved family for their understandings, support, love and bless. The countless times and the unconditional love for us will not be forgotten. Finally, we also would like to thank our fellow friends for all the helps and sharing regarding our project.

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TABLE OF CONTENTS

TOPIC	PAGE
ABSTRACT	i
ACKNOWLEDGEMENTS	ii
TABLE OF CONTENTS	iii
LIST OF TABLES	v
LIST OF FIGURES	vi
LIST OF ABBREVIATION	vii
CHAPTER 1: INTRODUCTION	
1.1 Introduction	1
1.2 Problem Statement	2
1.3 Research Questions	3
1.4 Research Objectives	3
1.5 Research Hypothesis	4
1.5 Scope of Study	5
1.6 Significance of Study	6
CHAPTER 2: LITERATURE REVIEW	
2.1 Introduction	7
2.2 Age	7
2.3 Body Mass Index (BMI)	8
2.4 Family Medical History	9
2.5 Systolic Blood Pressure	10
2.6 Diastolic Blood Pressure	11
2.7 Diabetes Mellitus	11
2.8 Tobacco Use	12
2.9 Logistic Regression	13
CHAPTER 3: METHODOLOGY	
3.1 Introduction	15
3.2 Sources of Data	15
3.3 Theoretical Framework	16
3.4 Data Analysis Technique	19
3.4.1 Descriptive Analysis	19
3.4.2 Logistic Regression Model	20
3.4.3 Odds Ratio	21
3.4.4 The Criteria for Model Evaluation	22
3.4.4.1 Omnibus Test	22
3.4.4.2 Hosmer and Lemeshow Test	23

	3.4.4.3 Predictive Efficiency Model	23
	3.4.4.4 Wald Statistics	24
	3.4.4.5 Cox and Snell R^2	24
	3.4.5 Stepwise Regression	24
	3.4.6 Summary of Type of Analysis	26
CHAPTER 4:	RESULTS AND DISCUSSION	
4.1	Introduction	27
4.2	Descriptive Analysis	28
4.3	IHD Logistic Regression Model	30
4.3.2	Odds Ratio	32
4.4	Measuring the Diagnosis of IHD	
4.4.1	Omnibus Test	34
4.4.2	Hosmer and Lemeshow Test	34
4.4.3	Predictive Efficiency Model	35
4.4.4	Wald Statistics	36
4.4.5	Cox and Snell R^2	38
CHAPTER 5:	CONCLUSIONS AND RECOMMENDATIONS	
5.1	Conclusions	40
5.2	Recommendations	44
REFERENCES		45
APPENDICES		48