## Contents

	Page
Abstract	iii
Acknowledgements	vii
Contents	viii
List of Tables	X
List of Figures	xi
Chapter  1 Introduction  1.1 Rationale for study  1.2 Literature review	
1 Introduction	1
1.1 Rationale for study	2
1.2 Literature review	3
1.3 Definition of terms	8
1.3 Definition of terms  1.4 Objectives and plan of thesis	8
2 Methodology	10
2.1 Data sources and data management	10
2.2 Study variables	11
2.3 Statistical methods	14
Univariate analysis	14
Logistic regression model	14
Log-transformed linear regression model	15
Poison and negative binomial regression model	16

Chapter	Page
2.4 Graphical display	17
Thematic map	17
Histograms and bar charts	18
Residual plot	18
Confidence interval plot	.19
3 Study results	20
3.1 The first study	20
3.2 The second study	3777 31
4 Conclusion and discussion	48
3.2 The second study 4 Conclusion and discussion 4.1 Overall findings	48
4.2 Discussion of the implicated results	58
4.3 Limitations and suggestions for further study	59
References	61
4.3 Limitations and suggestions for further study References Vitae	69

## **List of Tables**

Table		Page
2.1	Regions used in analysis of victims of terrorism in southern	12
	Thailand	
4.1	Results for models fitted to ln(LOS+1).	50
4.2	Characteristics of the Muslim victims and incidence rates per	52
	100,000 populations classified by region and year which caused	
	injury or death	
4.3	Characteristics of the Muslim victims and incidence rates per	52-53
	100,000 populations classified by gender and age-group which	
	caused injury or death	
	of Sorry Pattami Campus	

## **List of Figures**

Figure		Page
2.1	Path diagrams for variables used in the two studies	13
4.1	Distribution of ln(LOS+1) for hospital mortality in central	49
	Thailand 1999 – 2007	
4.2	Normal score plot against Standardized residual	51
4.3	Risk of becoming a Muslim victim classified by gender and	55
	age group	
4.4	Three risk groups of a Muslim victim classified by region	56
4.5	Stacked bar charts in three color-coded risk groups of a	57
Princ	Muslim victim classified by region	