Contents

	Page
Abstract	iii
Acknowledgements	vii
Contents	vii
List of Tables	X
List of Figures	SUxi
Chapter	
List of Figures Chapter 1. Introduction	1
1.1 Statement of the problem	1
1.1 Statement of the problem1.2 Rationale for studies1.3 Data source	2
1.3 Data source	5
1.4 Literature review	6
1.5 Specific objectives	8
1.6 Road map of thesis	8
2. Methodology	10
2.1 Data source and data management	10
2.2 Study variables	12
2.3 Statistical methods	17

Contents

	Page
3. Study Results	22
3.1 The first study	22
3.2 The second study	35
4. Conclusion and Discussion	49
4.1 Overall finding in Part I	49
4.2 Implication of the results	53
4.3 Limitation and suggestions for further study	55
References	57
References Vitae	66

List of Tables

Tables	Page
Table 2.1 Data recorded from 60 complications based on opinions	15
of 11 obstetricians	
Table 3.1 Roles and data types of variables for study of neonatal morbidity	23
Table 3.3 Roles and data types of variables in second study	36 317

List of Figures

Figures	Pag
Figure 2.1 Numbers of subjects in various groups	12
Figure 2.2 Path diagram for severity score based on complication	13
Figure 2.3 Path diagram of study variables	17
Figure 3.1 95% confidence intervals of the percentages of baby high risk	24
Figure 3.2 95% confidence intervals of the percentages of baby high risk and	25
Conventional Neonatal morbidity	
Figure 3.3 Caesarean section rate trend in Pattani Hospital	36
Figure 3.4 95% confidence intervals for caesarean birth	37
overall mean percentages for mothers with first pregnancies;	
new cases (left panel); referred/transferred cases (right panel)	
Figure 4.1 95% confidence intervals for the adjusted probabilities of high risk	51