

Acknowledgements

I would like to thank my advisor and co-advisor Assistance Professor Dr. Chamnein Choonpradub and Dr. Nittaya Mcneil for their helpful suggestion and supportive.

Professor Don McNeil for his helpful, this thesis could not be achieved without his guidance. Thanks also to Dr. Phattrawan Tongkumchum, Assistance Professor Dr.

Apiradee Lim, Dr. Sarawuth Chesoh, Miss Patarapan Odtan and Mr. David Broadfoot

who also gave helpful advice and comment on my thesis. Bureau of Health Policy and Strategy Ministry of Public Health for their useful data. Eventually, my siblings and

every friend surround me who spent their helping and supporting for me.

Dawin Sulaiman

Prince of Songkla University
Pattani Campus