

**ANALYSES OF HEALTH BEHAVIOR USING
COPULA ECONOMETRICS**

KANCHIT SUKNARK

**DOCTOR OF PHILOSOPHY
IN ECONOMICS**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved

**GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

MAY 2016

**ANALYSES OF HEALTH BEHAVIOR USING
COPULA ECONOMETRICS**

KANCHIT SUKNARK

**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN ECONOMICS**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved

GRADUATE SCHOOL, CHIANG MAI UNIVERSITY

MAY 2016

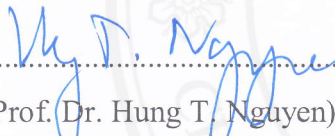
**ANALYSES OF HEALTH BEHAVIOR
USING COPULA ECONOMETRICS**

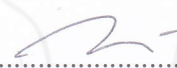
KANCHIT SUKNARK


THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN ECONOMICS


Examination Committee:


Advisory Committee:



.....Chairman
(Prof. Dr. Hung T. Nguyen)

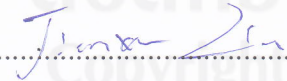

.....Advisor
(Prof. Dr. Songsak Sriboonchitta)

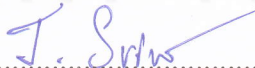

.....Member
(Prof. Dr. Songsak Sriboonchitta)


.....Co-advisor
(Lect. Dr. Jirakom Sirisrisakulchai)


.....Member
(Lect. Dr. Jirakom Sirisrisakulchai)


.....Co-advisor
(Lect. Dr. Jianxu Liu)


.....Member
(Lect. Dr. Jianxu Liu)


.....Member
(Assoc. Prof. Dr. Thanes Sriwichailamphan)

19 May 2016

Copyright © by Chiang Mai University

ACKNOWLEDGEMENT

This dissertation could not have been completed if there had not been support and assistance from those who devoted their time, and I am truly grateful for their kind contributions.

Firstly, I would like to thank my advisor, Prof. Dr. Songsak Sriboonchitta, the great teacher and researcher. He has provided an inspiration, as well as knowledge of economics. I would like to thank my co-advisor: firstly, Dr. Jirakom Srisirikulchai, which I am indebted to him for his attentive guidance and support given at every step of the way. I have enjoyed all our research meeting together; secondly, Dr. Jianxu Liu for his continued support throughout my studies.

In addition to my advisors I have been very fortunate to have had another great Professor here at Chiang Mai University. Prof. Dr. Hung T. Nguyen, Assoc. Prof. Dr. Thanee Sriwichailamphan for their comments and suggestions on my thesis.

I would like to thank my family and The Faculty of Business Economic and communication, Naresuan University for supporting and encouraging me in my studies for these many years.

Finally, I gratefully acknowledge the data support from Dr.Thaworn Sakulpanit, Health Insurance System Research Office.

Kanchit Suknark