

## Table of Content

Authenticity Statement.....	III
Acknowledgment.....	IV
Table of Content.....	VI
List of Tables.....	VII
List of Figures.....	VII
Abbreviations.....	VIII
Abstract.....	IX
Chapter I Introduction.....	1
1.1 Background.....	1
1.2 Problem Formulation.....	5
1.3 Research Authenticity.....	5
1.4 Research Question.....	8
1.5 Research Objective.....	8
1.6 Benefit of the Study.....	8
Chapter II Literature Review.....	10
2.1 Literature Review.....	10
2.2 Theoretical Framework.....	31
2.3 Conceptual Framework.....	32
Chapter III Research Methodology.....	33
3.1 Research Design.....	33
3.2 Place and Duration of the Study.....	33
3.3 Sample Population.....	35
3.4 Subject of Research.....	35
3.5 Sample Size.....	36
3.6 Material and Measurement.....	36
3.7 Data Collection Method.....	37
3.8 Variable Identification.....	37
3.9 Operational Definition.....	38
3.10 Ethical Consideration.....	40
3.11 Statistical Analysis.....	40
Chapter IV Result and Discussion.....	42
4.1 Result.....	42
4.2 Discussion.....	50
4.3 Limitation of research.....	62
Chapter V Conclusion and Suggestion.....	63
5.1 Conclusion.....	63
5.2 Suggestion.....	63
References.....	65

### List of Tables

Table 1: The MetS component with scale and cutoff point.....	41
Table 2: Characteristics of subjects in the study population.....	44
Table 3: Characteristics of MetS components based on sex.....	45
Table 4: Characteristics of MetS components based on age group.....	46
Table 5: Characteristics of MetS components based on ethnicity.....	47
Table 6: Characteristics of MetS components based on geographic factor.....	48
Table 7: Prevalence of MetS based on demographic and geographic factor.....	49
Table 8: Prevalence of each MetS component.....	49

### List of Figures

Figure 1: Theoretical Framework.....	31
Figure 2: Conceptual Framework.....	32
Figure 3: Flow of study subjects selection.....	42

### Abbreviations

BMI	Body mass index
BP	Blood pressure
BPS	<i>Badan Pusat Statistik</i> (Statistics Indonesia)
CVD	Cardiovascular disease
CRP	C-reactive protein
EAs	Enumeration areas
hsCRP	High sensitivity c-reactive protein
HDL	High density lipoprotein
HDL-c	High density lipoprotein cholesterol
IDF	International Diabetes Federation
IFLS	Indonesian Family Life Survey
IFLS4	Fourth wave of the Indonesian Family Life Survey
LDL	Low density lipoprotein
MetS	Metabolic syndrome
NCDs	Non communicable diseases
NCEP-ATP III	National Cholesterol Education Program Adult Treatment Panel III
SUSENAS	<i>Survei Sosial Ekonomi Nasional</i> (National Socioeconomic Survey)
TG	Triglyceride
UN	United Nations
WC	Waist circumference