PERCEIVED MEDIA COVERAGE AND ENVIRONMENTAL AWARENESS AMONG UNIVERSITY STUDENTS IN MALAYSIA: THE MODERATING EFFECTS OF PERCEIVED GOVERNMENT ROLE AND GREEN VALUES

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DOCTOR OF PHILOSOPHY
UNIVERSITI UTARA MALAYSIA
2017

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Abstrak

Penemuan yang tidak konsisten mengenai hubungan antara liputan media (LM) dan kesedaran alam sekitar (KAS) menyediakan jurang kajian semasa yang mengundang keperluan kajian lanjut berhubung kemungkinan pembolehubah luar jangka (penyederhana). Berdasarkan rangka kerja teoritikal yang muncul, peranan kerajaan (PK) dan tanggapan nilai hijau (NH) disarankan sebagai penyerdehana berpotensi. Oleh itu, satu rangka kerja penyelidikan dicadangkan bagi meneliti kesan penyederhanaan pembolehubah peranan kerajaan (PK) dan tanggapan nilai hijau (NH) terhadap hubungan LM dan KAS. Rangka kerja penyelidikan ini disokong oleh Teori Penentuan Agenda dan Teori Pembingkaian, serta diperkukuh dengan Teori Kesan Terhad dan Teori Peninstitusian. Persampelan rawak berkadaran diterapkan bersama kaedah tinjauan untuk mendapatkan data. Hasil soalselidik 730 responden telah jadikan data untuk analisis dengan mengaplikasikan *Exploratory Factor Analysis* dan *Confirmatory Partial Least Square Structural Equation Modelling*. Didapati bahawa semua hubungan langsung antara LM dan KAS, NH dan KAS, dan NH dan KAS menunjukkan keputusan signifikan. Selanjutnya, sungguhpun PK didapati secara signifikan menyerderhanakan hubungan LM dan KAS, sebaliknya tidak dapat dibuktikan kesignifikanan kesan penyederhanaan oleh NH. Hasil kajian ini telah menyumbang pembolehubah baharu dalam rangka teoritikal hubungan LM dan KAS. Dari sudut metodologi, instrumen dan analisis kajian ini menawarkan pendekatan alternatif dalam memahami fenomena kewartawanan alam sekitar. Penemuan ini juga menyediakan input untuk polisi dan pelaksanaan mengenai kesedaran alam sekitar.

Kata kunci: Kewartawanan alam sekitar, kesedaran, liputan media, peranan kerajaan, nilai-nilai hijau

Abstract

The inconsistent findings on the relationship between media coverage (MC) and environmental awareness (EA) provide the current study research gap which invites further investigation into the possible contingent variables (moderator). Based on the emerging theoretical framework, government role (GR) and perceived green values (GV) were postulate as potential moderators. Thus, a research framework was proposed to examine the relationship between MC and EA, as well as the moderating effects of GR and GV on the relationship. The research framework was underpinned by Agenda Setting Theory and Framing Theory, and further supplemented by Limited Effects Theory, and Institutional Theory. Proportionate random sampling was adopted along with survey method to obtain data. The questionnaires of 730 respondents were used for data analysis that employed Exploratory Factor Analysis and Confirmatory Partial Least Square Structural Equation Modelling analysis techniques. It was found that all direct associations between MC and EA, GV and EA, and GR and EA demonstrated significant results. Further, while GR was found significantly moderated the relationship between MC and EA, there was no evidence for significant moderating effect of GV. It was found that all direct associations between MC and EA, GV and EA, and GR and EA demonstrated significant results. Further, while GR was found significantly moderated the relationship between MC and EA, there was no evidence for significant moderating effect of GV.

Keywords: Environmental journalism, awareness, media coverage, government role, green values
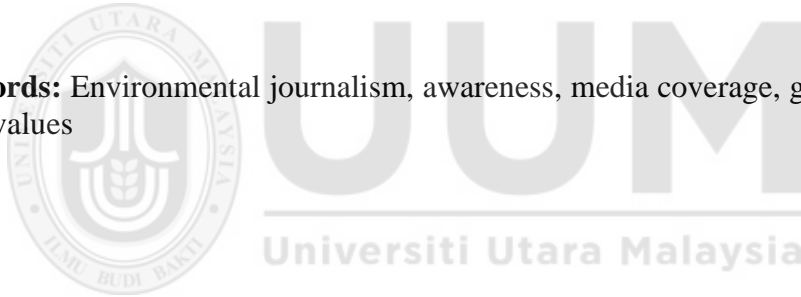
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Acknowledgement

In the Name of Allah, Most Gracious, Most Merciful

All praises and thanks to Almighty Allah for his great favors and bountiful blessings. Thanks to him as he has bestowed me both spiritual and physical need for the study. Thanks to Allah for giving me strength, patience, health, and hope to complete this long journey of study.

My deepest thanks go to my parents for their endless encouragement, support, and prayers. Also, I thank my brothers and sisters for their continuous support and motivation. This dissertation could not have been completed without your supports. May God reward all of you in this life and the hereafter.

My big gratitude also goes to my supervisor, Dr. Mohd Khairie Ahmed. I will remember your guidance, assistance, and contentious support for me throughout my PhD study. Many thanks also go to my second supervisor, Dr. Romlah Bint Ramli for the encouragement and motivation I received from her.

My heartfelt appreciation goes to my good friend, Irene Yong, for the continuous unconditional supports extended to me throughout the whole Ph.D journey. You open my mind to see that a true friend picks you up over and over again even though they keep stumbling on their own. Without you, this journey could have been abandoned many times, and never gets ended. May God keep you healthy and safe.

Last but not least, my warmest thanks go to my colleagues in the postgraduate work stations, who were always the source of my encouragement and supports. I thank you all very much for your sincere advice and generous knowledge-sharing. In particular, I love to express my special gratitude to brother Razak, Oba, Redwan, Mohamad Ramzan, Abbas, and Sumeria, , and all other colleagues.

Khaled M.I. Abu Fayyad

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List of Abbreviations

α	Cronbach's Alpha coefficient
API	Air pollutants Index
β	Estimate of beta coefficient/ path coefficient
CB-SEM	Covariance-based Structural Equation Modeling
CO^2	Carbon dioxide
CFA	Confirmatory Factor Analysis
DOE	Department of Environment
DOSM	Department of Statistics Malaysia
DV	Dependent Variable
EEM	Structural Equation Modeling
EA	Environmental Awareness
EPI	Environmental Performance Index
EFA	Exploratory Factor Analysis
EIU	Economist intelligence Unit
f^2	Effect size
GR	Government Role
GV	Green Values
IEA	International Energy Agency
IMF	International Monetary Fund
IV	Independent Variable
KMO	Kaiser-Meyer-Olkin
MM	Measurement Model
Max.	Maximum score value
MC	Media Coverage
Min.	Minimum score value
NCCS	National Climate Change Secretariat
NIC	Newly Industrialized Countries
ρ_c	Composite reliability
PLS	Partial Least Square
PLS-SEM	Partial Least Square Structural Equation Modeling
q^2	Effect size of predictive relevance

Q^2	Q-squared (denotes Predictive Relevance)
R^2	R-squared (denotes Coefficient of determinant)
Sig.	Significant
SPSS	Statistical Package for Social Sciences
TBTS	Taman Beringin Transfer Station
UPU	Unit Pusat Universiti
VAF	Variance accounted For
VIF	Variance Inflation Factor
X^2	Chi-squared
$<$	Less than (in value)
$>$	Greater than (in value)

CHAPTER ONE

INTRODUCTION

1.1 An Overview

This research is mainly focused on the relationship between perceived media coverage and environmental awareness in Malaysia. This chapter, therefore, is set out to highlight the background of the study, and the research problem. Next, the research objectives and the research questions that guided the study design are outlined. The concluding parts of the chapter underlined the significance of the study and definitions of key terms used in the study. The orientation of the study is to investigate the relevance of media coverage to people awareness, knowledge and beliefs towards environmental issues.

1.2 Background of the Study

Having to live in a healthy natural environment is one of most important things for a quality life. However, many a time, the desirability for national development is hardly balanced by the initiatives to preserve the natural environment. While this notorious paradox is witnessed worldwide, it becomes particularly appealing for the developing countries, as the eager to strive for fully industrialized developed country's status is comparatively more intense. Malaysia is of no exception. Malaysia is a developing country (International Monetary Fund [IMF], 2014). In the continuum of development, a developing country is also denoted as a less-developed country (O'Sullivan & Sheffrin, 2007). Since independence, Malaysia has threaded a recognized history of national development, fueled by its natural resources and followed by phases-after-phases development initiatives. Particularly, industrialization was put to the forefront. Being renowned as one of the fastest

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Appendix 3.1

Questionnaire

Survey on Local Media and Environmental Awareness of Malaysian People

16 February 2016

Dear respondent,

My name is Khaled M.I. Abu Fayyad, a doctoral candidate of School of Multimedia Technology and Communication, Universiti Utara Malaysia. I am currently working on my PhD project, which aims to investigate the influence of local media coverage on public environmental awareness among Malaysian people.

This survey asks about your exposure to local newspapers and online news media coverage regarding the environmental issues in Malaysia. In addition, it asks about your awareness towards environmental issues as well as your stance on government role and green values concerning to environmental issues in Malaysia.

This survey is part of my PhD research project. As for academic purposes, therefore, all given answers will remain confidential. Your views are important, and please be noted that there is no right or wrong answer.

This survey consists of five sections to be filled in, including demographic information (Section A), perception on media coverage towards environmental issues (Section B), green values (Section C), government role (Section D), and public environmental awareness (Section E).

Your cooperation is highly appreciated

Thank you very much

Sincerely yours,
………………………………..
Ph.D candidate
Khaled M.I. Abu Fayyad
Matric no: s93611

………………………………
Academic research supervisors
Dr. Mohd Khairie Ahmad
Dr. Romlah Ramli
UUM College of Arts and Sciences
School of Multimedia Technology and Communication (SMMTC)
Universiti Utara Malaysia
Contact no: 04-928-5074

Section A: Demographic information

1. Name: _____(optional)

2. You are studying in:

	UUM Kedah
	UnIMAP Perlis
	USM Penang

3. Program of study:

	Ph.D degree
	Masters degree
	Bachelor degree
	Diploma
	Matriculation

4. Study mode

	Full- time
	Part-time

5. Semester of study: _____

6. Age. _____years old

7. Gender:

	Male
	Female

8. Race

	Malay
	Chinese
	Indian
	Bumiputera of Sabah & Sarawak
	Others.

9. Which state are you from?

Penang		Sabah	
Kedah		Sarawak	
Perlis		Negeri Sembilan	
Perak			
Pahang		Wilayah Persekutuan Putrajaya	
Terengganu			
Kelantan		Wilayah Labuan	
Selangor			
Melaka			
Johor			

0. Please tick (√) which among the following **local newspapers** you have read (Both printed or online).

	I **do not** read newspaper.

Malay newspapers	
	Berita Harian
	Berita Minggu (BH Ahad)
	Utusan Malaysia
	Utusan Melayu
	Mingguan Malaysia
	Kosmo
	Kosmo Ahad
	Harian Metro
	Metro Ahad

Chinese newspapers	
	Sin Chew Daily 星洲日報
	China Press 中國報
	Guang Ming 光明日報
	Oriental Daily 马来西亚东方日报
	Nanyang Siang Pau 南洋商報

Tamil newspapers	
	Makkal Osai
	Tamil Nesan

	Other newspapers

English newspapers	
	New Straits Times
	New Sunday Times
	The Star
	Sunday Star
	The Sun
	The Edge
	Star Metro

11. Please tick (√) the **online news media** you use.

	I **do not** read from online news media.
	Star Online
	Berita Harian Online
	Utusan Online
	New Straits Times Online
	Malaysia Chronicle
	Malaysiakini
	Malay Mail Online
	Bernama Online
	Free Malaysia Today
	MyCen News
	The Malaysian Insider
	The Rakyat Post
	The Heat Online
	The Ant Daily
	Others

Section B: Media coverage

Please circle your level of agreement for the following statements regarding the mass media IN MALAYSIA.

Mass media refers to: newspapers and other online news media.

No	Statements	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
	i) sufficiency of news					
1	Mass media reports useful information about environmental issues.	1	2	3	4	5
2	The environmental news is always reported in full-length story in the mass media.	1	2	3	4	5
3	Malaysian mass media has taught me a lot about the environmental issues.	1	2	3	4	5
4	Environmental issues reported often provide background information.	1	2	3	4	5
5	Environmental issues are often reported with constructive critics.	1	2	3	4	5
6	Mass media provides adequate reporting on environmental news.	1	2	3	4	5
7	Through the mass media, I know about the NGOs and associations that concern about environment.	1	2	3	4	5
8	Environmental issues are often deeply discussed with analytical information.	1	2	3	4	5
	ii) The prominence					
9	The news related to environment is easily found in mass media in Malaysia.	1	2	3	4	5
10	Environmental news often has its own full page.	1	2	3	4	5
11	Environmental news often comes with sufficient photos.	1	2	3	4	5
12	It is common to see environmental issues appear as big headline in mass media.	1	2	3	4	5
	iii) Frequency					
13	I can always see environmental issues (air pollution, water pollution, forest burning, etc.) being reported in the mass media from time to time.	1	2	3	4	5
14	I often see messages about environmental protection in mass media.	1	2	3	4	5
15	Whenever I need to look for information about the environmental preservation in Malaysia, I will try to locate it from the Malaysian mass media.	1	2	3	4	5
16	I can easily find reports of companies' misconducts which spoil the environment in mass media.	1	2	3	4	5
17	It is easy for me to access and read about news on natural environment in mass media.	1	2	3	4	5
	iv) News sources					
18	Mass media use number of news sources to validate the reports.	1	2	3	4	5
19	Mass media use a variety of news sources in their reporting on environment issues.	1	2	3	4	5
	v) Up-to-date					
20	Information on environmental issues provided by mass media is sufficient to keep me up to date.	1	2	3	4	5
	vi) Accuracy					

No	Statements	1	2	3	4	5
21	Environment information provided by the Malaysian media is often accurate.	1	2	3	4	5
	vii) Attractiveness of news					
22	Environmental news reported in the Malaysian mass media attracts my attention.	1	2	3	4	5
23	I like the way environmental issues is reported in the mass media.	1	2	3	4	5
24	The environmental news often triggers interesting discussions among me and my friends.	1	2	3	4	5
	viii) General agreement on the role of mass media					
25	Mass media plays important role to remind people on environmental consequences.	1	2	3	4	5
26	Environmental news in the mass media is effective to influence people.	1	2	3	4	5
	ix) News variety					
27	There is a wide variety of environmental issues reported in mass media of Malaysia (such as air quality, water quality, and land slide, etc.)	1	2	3	4	5
28	I can find environmental news happening all around the world in the Malaysian mass media.	1	2	3	4	5
29	The mass media covers a wide range of environmental issue happening within Malaysia.	1	2	3	4	5

Section C: Green values

Please circle your level of agreement t for the following statements.

No	Statements	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1	It is important to me that the products I use do not harm the environment.	1	2	3	4	5
2	I always consider the potential environmental impact of my actions.	1	2	3	4	5
3	My routine and lifestyle are affected by my concern for environment.	1	2	3	4	5
4	I am concerned about wasting the resources of our planet.	1	2	3	4	5
5	I would describe myself as environmentally responsible.	1	2	3	4	5
6	I am willing to be inconvenienced to take actions that are more environmentally friendly.	1	2	3	4	5
7	Using green products can help to improve ecological environment.	1	2	3	4	5
8	I always prefer to use green products so as to set example to motivate others to do the same.	1	2	3	4	5
9	Using environmentally friendly products can reduce the pollution of the environment.	1	2	3	4	5
10	Using green products makes me feel relaxed.	1	2	3	4	5
11	Using green products gives me a feeling of harmony with nature.	1	2	3	4	5
12	Using green products makes me feel good.	1	2	3	4	5
13	I respect people who protects natural environment.	1	2	3	4	5
14	Acting environmentally friendly can help me to gain a pro-environment self- image.	1	2	3	4	5

15	Using green products can help me own a good image.	1	2	3	4	5
16	Green products contain less harmful ingredients to human.	1	2	3	4	5
17	Taking care of the nature environment is important to secure our health and safety.	1	2	3	4	5
18	Using green products is a guarantee of the high quality of life.	1	2	3	4	5

Section D: Government role

Please circle your level of agreement for the following statements.

No	Statements	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1	In Malaysia, government enforces laws to make ordinary people protect environment.	1	2	3	4	5
2	Malaysia has clear strict rules to deal with companies which harm environment.	1	2	3	4	5
3	Malaysia government is doing a good job in promoting green living among public.	1	2	3	4	5
4	Malaysia government encourages people to make report if they notice any misconduct that harms the environment.	1	2	3	4	5
5	Government provides us the list of control agencies which we may report matters related to environment.	1	2	3	4	5
6	I can see sufficient green campaigns conducted by government in Malaysia.	1	2	3	4	5
7	I have heard that Malaysian government giving funds to research on technology for recycling waste product.	1	2	3	4	5
8	I'm satisfied with the environmental policies and implementation in Malaysia.	1	2	3	4	5
9	From time to time, Malaysia government launches campaigns on reducing garbage.	1	2	3	4	5
10	I often see government agencies cleaning up rivers and lakes.	1	2	3	4	5
11	Others think that government should do more to solve problems related to environment.	1	2	3	4	5

Section E: Environmental awareness
i) Feelings for the environment

Please circle your level of agreement for the following statements.

No	Statements	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1	I am frightened to think people don't care about the environment.	1	2	3	4	5
2	I get angry about the damage pollution does to the environment.	1	2	3	4	5

3	It makes me happy when people recycle used bottles, cans, and paper.	1	2	3	4	5
4	I get angry when I think about companies testing products on animals.	1	2	3	4	5
5	It makes me happy to see people trying to save energy.	1	2	3	4	5
6	I'm worried about environmental problems.	1	2	3	4	5
7	I am frightened about the effects of pollution on my family.	1	2	3	4	5
8	I feel upset when I see people throwing away things that could be recycled.	1	2	3	4	5
9	It makes me sad to see houses being built where animals used to live.	1	2	3	4	5
10	It frightens me to think how much energy is wasted.	1	2	3	4	5
11	It upsets me when I see people using too much water unnecessarily.	1	2	3	4	5

ii) Willingness to commit towards protecting environment

Please circle your level of agreement for the following statements.

No	Statements	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1	I'm willing to stop buying products from companies which pollute the environment, even though it might be inconvenient to me.	1	2	3	4	5
2	I would probably never join a group which is mainly concerned with environmental issues.	1	2	3	4	5
3	I'm willing to ride the bus to more places in order to reduce air pollution.	1	2	3	4	5
4	I'm willing to use less air conditioning to help save energy.	1	2	3	4	5
5	I'm willing to use dimmer light bulbs to save energy.	1	2	3	4	5
6	I'm willing to donate RM30 for raising fund to help the environment.	1	2	3	4	5
7	I'm willing to go from house to house to pass out environmental information.	1	2	3	4	5
8	I'm willing to write letters asking people to help reduce pollution.	1	2	3	4	5
9	I'm willing to go from house to house asking people to recycle.	1	2	3	4	5
10	I'm willing to separate family's trash for recycling.	1	2	3	4	5
11	To save water, I think I'm willing to use less water when I bathe.	1	2	3	4	5

iii) Behaviour
Please circle your level of agreement for the following statements.

No	Statements	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1	I always consider the polluting effect of a product before buying.	1	2	3	4	5
2	I have asked my parents not to buy products made from animal fur.	1	2	3	4	5
3	I always make a special effort to buy products in recyclable containers.	1	2	3	4	5
4	I often switch products for environmental reasons.	1	2	3	4	5
5	I lodge complaint report to the authority about pollution problems.	1	2	3	4	5
6	To save water, I turn off water in the sink while brushing my teeth.	1	2	3	4	5
7	To save energy, I always turn off lights at home when they are not in use.	1	2	3	4	5
8	I have asked others what I can do to help reduce pollution.	1	2	3	4	5
9	I often read stories about the environment.	1	2	3	4	5
10	I don't like to leave the refrigerator door open while deciding what to get out.	1	2	3	4	5
11	I have asked my family to recycle some of the things we use.	1	2	3	4	5

iv) Beliefs & knowledge about environment
a) Belief
Please circle your level of agreement for the following statements.

No	Statements	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1	Human populations are approaching the limit the earth can support.	1	2	3	4	5
2	Humans do not have the right to modify the natural environment to suit their needs.	1	2	3	4	5
3	When humans interfere with nature it often produces disastrous consequences.	1	2	3	4	5
4	Humans have severely abused the environment.	1	2	3	4	5
5	Plants and animals have equal right (to exist) as humans.	1	2	3	4	5
6	The balance of nature is strong enough to cope with the impact of modern development.	1	2	3	4	5
7	It is good that human are still subject to the laws of nature.	1	2	3	4	5
8	Environmental degradation is serious.	1	2	3	4	5
9	Resources from natural environment are not as abundant as we	1	2	3	4	5

	have thought.					
10	The balance of natural environment is very delicate and easily upset.	1	2	3	4	5
11	If human continue to deal harshly with the natural environment, we will soon experience a big environment disaster.	1	2	3	4	5

b) **Knowledge** (Breadth of knowledge)

1) Please put √ for the phenomena below that you have heard or known about.

No.	Phenomena	
1	Green house effect	
2	Global warming	
3	Acid rain	
4	Overpopulation/population explosion	
5	Extinction of plants and animals	
6	Ozone layers depletion	
7	Fossil fuel use	
8	The rise of sea level	
9	Energy-efficient technology	
10	Radiation leaking/ nuclear power plant	
11	Green consumerism	
12	Deforestation/destruction of tropical forest	
13	Wildlife preservation	
14	Export of hazardous materials to the developing countries	
15	Land degradation	
16	Sustainable development	
17	Nature conservation	
18	Biodiversity management	
19	Waste disposal problems	
20	Green marketing	

2) **True/False test**: Please put √ to indicate correct, and X to indicate wrong.

No	Statements	True / False
1	Ecology is the study of the relationship between organism and their environment.	
2	Environmental problems are a threat to all living things in the world.	
3	CFC used in the air-condition stands for CloroFluoroCarbon.	
4	Carbon monoxide is produced by vehicles.	
5	The most pollution of our water resources is caused by animal and human waste.	
6	Arsenic and silver nitrates are the most common poisons in water.	
7	Most of the lead in our air is caused by burning refuse.	
8	Recycling means that people buy things that can be used again.	
9	Disposable diaper is one example of recyclable items.	
10	ORANGE recycling bin for can and plastic.	
11	BLUE recycling bin for paper products.	
12	Dry iron is more energy saving than steam iron.	
13	Notebook is more energy saving than PC.	
14	Coal and petroleum are examples of fossil fuels.	
15	Burning coal for energy decreases needed acid rain.	

Appendix 3.2

Full reference for media coverage measure adaptation and development

Original and revised scale of media coverage measure

No.	Revised scale (media coverage.)	Original scale	Adaptation sources
	i) The depth of news content/ sufficiency/ adequacy		
1	Mass media report useful information about environmental issues	I acquire tangible and useful information about political parties' agenda through mass media.	Agbatogun (2009)
2	If there is any current event on environment abuse, I can easily find its full-length story in the mass media	" The general question asked of each item was whether it provided enough information for an individual"	Lemert, Mitzman, Seither, Cook, & Hackett (1977)
		content – jargon used, tone and comprehensiveness of story content	Hassan (2007)
		Public meetings and coverage in local newspapers are not sufficient to diffuse information about toxic waste. (from conclusion)	Laurian (2003)
		Respondents were asked questions about the type and the length of the programs they watched.	Chokriensukc hai&Tamang (2010)
3	Environmental issues reported often provides background information	News comprehensiveness based on: Background info Constructive critics	Hassan (2007)
4	Environmental issues are often reported with constructive critics.		
5	Mass media provide adequate reporting on environmental News	Rubin and Sachs cited many examples of (in their terms) "inadequate" reporting of environmental news (revered). " The general question asked of each item was whether it provided enough information for an individual" (MI). this item in the original scale supposed to be in depth of news	Lemert, Mitzman, Seither, Cook, & Hackett (1977)
6	I know more about most NGOs and associations that concern about environmental issues through the mass media reporting.	I know more about all political parties' names, logos, and agenda through the mass media.	Agbatogun (2009)
7	* Environmental issues are often deeply discussed with analytical information	"discussion and analysis is a key element in raising environmental awareness"	Abdel Raouf " Mohammad" (2010); F:4d
		I access adequate information about political candidates' manifestos via the mass media.	Agbatogun (2009)
	ii) The prominence / placement		
8	The news related to environment is easily found in mass media in Malaysia.	General characteristics – for instance …. page of coverage; size of article and inclusion of photos,	Hassan (2007)
9	Environmental news often has its own full page.		
10	Environmental news often come		

	with sufficient photos.		
		Media salience of issues in the news is often exhibited through prominence of story treatment and display, only the front sections of the newspapers were analyzed. Each story was measured in terms of weighted column inches (based on 2-inch wide columns) in a manner that took into account the page on which the story first appeared, the number of column inches, graphics and headlines.	Atwater et al. (1985)
		audience salience was measured two ways: 1) how "personally" important respondents regarded each sub issue (the intrapersonal agenda) and 2) how important respondents perceived the news media to regard each issue (disposal of wastes, quality of water, hazardous substances, quality of land, quality of air and , wildlife conservation. (the perceived-media agenda). The present study used a perceived-media measure of audience salience to investigate whether audience members are indeed aware of which environmental issues are emphasized in the mass media and if they are aware, whether awareness translates into intrapersonal salience.	Atwater et al. (1985)
11	It is common to see environmental issue appears as big headline in mass media.	The coding unit was paragraph, measured in column inches. Each paragraph was coded into three categories including (1) disposal of waste, (2) air quality, (3) water quality. Each story coded to measure prominence through using various measures of attention such as placement, length, column length ,and headline width	Ader (1995)
	iii) Frequency of appearance		
12	I can always see environmental issues (air pollution, water pollution, forest burning, etc.) being reported in the mass media from time to time	These recoded news stories were then counted and categorized according to their pre-structured content analysis format. The frequency of appearance of eight other important or serious issues concerning japan at present….was also measured	Mikami et al. (1995)
13	I often see messages about environmental protection in mass media	How often do you come across messages related to environmental protection on TV? How often do you come across messages related to environmental protection on the internet?	Lee (2011, p.121); 4F
14	Whenever I need to look for information about the	Number of stories on climate change on nightly news shows of major	Brulle et al. (2012)

	environmental preservation in Malaysia, I will try locate it from the newspaper.	broadcast TV networks (NBC, CBS, ABC), the New York Times, Newsweek, Time, and U.S. News and Wprld Report were measured.	
15	I can easily find the reports on any misconduct of company which spoil the environment in the newspaper	Media coverage is measured as the number of articles covering environmental issues in four nationwide daily newspapers in Sweden.5 Media coverage is constructed as a standardized index, where the four newspapers are weighed equally; thus the content (the number of articles on environmental issues) of each newspaper is given the same weight in the index.	Harring et al. (2011)
16	It is easy for me to access and read about news on natural environment in the newspaper	The media agenda variable, like Gonzenbach (1996), was collected by accessing the Vanderbilt Television News Archive and collecting the number of broadcasts related to drug abuse each month for the time frame of this study and then aggregating to quarterly data.	2011 Hill et al. Economic, election Cycle – MedCov; F:7a
	iv)News Sources		
17	Mass media use numbers of news sources to validate the reports.	They are analyzed in terms of: news source – number and type of sources	Hassan (2007)
18	Variety of news sources are used in mass media reporting on environmental issues		
	v) Timeliness/ up-to-date		
19	The information on environmental issues provided by mass media is well sufficient to keep me up to date	-	-
	vi) Reliability / accuracy		
20	I think the information given on the Malaysian environmental issues is accurate.		
21	I think the Malaysian newspaper has taught me a lot about the environmental issue		
	vii) News variety		
22	I can see a wide variety of environmental issues such as air quality, water quality, and land slide in mass media in Malaysia	I am kept abreast of the various electoral fraud and political crises across the local government areas, states, and the country through mass media reports.	Agbatogun (2009)
23	I can find news related to volcanoes, flood, hurricane, etc happening all around the world in Malaysia mass media.		
24	The mass media covers a wide range of environmental issue happening within Malaysia.	topic selection – main topics coverage and topics related to it	Hassan (2007)
	viii) Attractiveness of news		
25	News of environmental issue	Documentaries focusing on	Chokriensukc

	attract my attention	environmental and global warming issues were not popular among youths (reverse)	hai&Tamang (2010).
26	I like the way environmental issues is reported in the mass media.	Not only are youths not attracted to serious information content ,… environmental content does not sell (reverse)	Chokriensukc hai&Tamang (2010).
27	The environmental news often triggers interesting discussions among me and my friends.		
	ix) General agreement on the role of mass media		
28	I think media plays important role in highlighting environmental consequence	Respondents from NGOs were asked questions relating what ..; the role of mass media in protecting the environment and in making people aware of environment	Chokriensukc hai&Tamang (2010)
29	I think the environmental news in the mass media is effective to influence people.		

Appendix 4.3
Results of outliers detection (EFA stage, N=365)

Table A
Chi-square (X^2) = 154.3140

No	Case id	MAH
1	526	117.7924
2	202	126.7258
3	721	129.7266
4	657	93.70215
5	10	131.5215
6	70	127.4481
7	223	159.0057
8	230	142.655
9	290	102.3162
10	283	143.1391
11	308	115.5343
12	278	124.7046
13	697	127.0361
14	131	159.4433
15	371	68.95557
16	435	94.647
17	173	150.1611
18	722	120.2124
19	720	101.3332
20	519	129.7802
21	203	216.2051
22	276	137.9208
23	219	149.1453
24	394	86.5837
25	684	80.63646
26	216	64.90726
27	217	64.90726
28	567	72.65783
29	34	117.5488
30	459	153.9441
31	323	93.4555
32	90	96.08711
33	660	77.15708
34	547	89.1905
35	500	145.5753
36	245	108.8569
37	200	55.82232
38	67	88.65426
39	174	63.12188
40	570	73.68481

No	Case id	MAH
41	392	133.8621
42	74	105.1719
43	340	92.8856
44	399	106.9353
45	638	69.5584
46	287	60.37133
47	11	62.99895
48	569	53.00421
49	269	55.20439
50	292	89.87377
51	286	79.79188
52	575	81.11198
53	354	83.67312
54	413	94.02975
55	123	72.2273
56	485	67.34452
57	236	84.11171
58	335	87.60229
59	432	96.26799
60	272	139.5608
61	179	133.5186
62	357	147.6516
63	334	59.94043
64	261	85.74973
65	285	101.3427
66	443	112.1394
67	601	105.4094
68	540	60.68134
69	436	120.8757
70	555	94.49694
71	212	128.3444
72	268	111.4291
73	531	114.0295
74	50	118.9422
75	258	87.04784

No.	Case id	MAH
76	32	98.67367
77	414	161.1861
78	337	94.03745
79	730	124.8777
80	12	65.05564
81	146	130.2965
82	135	172.4181
83	165	126.5083
84	260	80.09573
85	522	108.2948
86	31	117.6462
87	153	98.72649
88	532	114.2552
89	706	104.6867
90	427	108.4936
91	336	135.6451
92	497	88.84654
93	592	81.51473
94	484	47.29352
95	161	182.6104
96	221	100.5223
97	717	101.9507
98	650	88.68692
99	423	136.2704
100	209	177.0499
101	275	169.8487
102	551	80.15789
103	159	102.7562
104	583	84.96708
105	97	91.84861
106	353	108.8422
107	587	133.1776
108	631	182.2044
109	231	113.6836
110	579	135.6987
111	404	105.2142
112	237	57.42934
113	590	81.06892
114	183	82.86207
115	457	34.83374
116	102	80.11494
117	388	97.93237
118	666	111.3456
119	9	78.38832
120	662	111.3086
121	300	91.62953

No.	Case id	MAH
122	296	58.79831
123	627	98.22556
124	708	86.56442
125	124	118.1907
126	38	94.65771
127	201	134.3551
128	171	140.3997
129	251	103.3268
130	403	132.7787
131	674	112.6378
132	681	73.16742
133	28	46.61382
134	723	86.10381
135	218	130.8157
136	149	109.2135
137	154	142.5765
138	60	90.2137
139	416	113.16
140	5	75.72441
141	210	103.1323
142	4	101.2954
143	288	189.0663
144	175	133.3292
145	637	153.8173
146	704	43.50337
147	582	134.2952
148	145	123.4764
149	116	105.3444
150	207	72.00362
151	56	31.60076
152	616	78.46078
153	379	42.96396
154	156	87.80266
155	27	74.9718
156	350	73.06622
157	499	43.43906
158	644	74.38793
159	397	95.67101
160	178	38.98608
161	47	43.37639
162	303	62.23038
163	341	15.53583
164	699	14.25143
165	621	78.07657
166	81	90.80542
167	410	139.679
168	226	77.54688

No.	Case id	MAH
169	711	74.42583
170	364	108.9756
171	169	85.74014
172	534	88.0229
173	141	92.42105
174	455	65.94025
175	41	107.0536
176	277	123.8966
177	656	93.13963
178	466	117.571
179	2	217.7543
180	73	168.5143
181	199	99.13814
182	53	114.8277
183	557	82.60267
184	391	128.6427
185	61	182.9063
186	243	178.6649
187	299	92.09734
188	29	109.7009
189	198	95.27706
190	542	74.27602
191	589	77.77502
192	415	77.30351
193	246	78.2577
194	259	43.52924
195	366	114.5182
196	395	103.6011
197	594	146.4798
198	80	132.0282
199	7	132.3964
200	238	139.8699
201	525	84.36479
202	716	139.1845
203	518	110.7565
204	132	85.04342
205	264	72.22852
206	319	81.07459
207	8	107.4186
208	330	69.40122
209	362	94.02049
210	327	85.49757
211	318	57.97323

No.	Case id	MAH
212	254	89.35784
213	103	87.96429
214	118	88.18104
215	549	82.04686
216	599	102.8935
217	389	86.4007
218	434	99.07659
219	683	93.27587
220	619	102.3671
221	117	123.0943
222	573	76.07223
223	510	98.63134
224	196	121.2541
225	668	103.4654
226	79	92.99766
227	162	82.20957
228	580	134.9175
229	65	139.3464
230	533	85.32326
231	43	99.50659
232	614	125.52
233	402	139.3805
234	367	104.8986
235	138	161.2909
236	470	84.57956
237	311	113.8717
238	152	114.209
239	256	104.7181
240	565	94.32829
241	317	143.3546
242	528	53.00641
243	628	37.83423
244	688	84.52514
245	651	79.58892
246	72	101.1194
247	511	108.5618
248	472	67.00079
249	558	89.83751
250	508	94.35368
251	105	52.67774
252	635	75.77293
253	33	105.1568
254	168	78.91524
255	345	65.84944

No.	Case id	MAH
256	1	80.28027
257	155	66.44376
258	182	102.12
259	57	80.90329
260	630	69.61767
261	696	73.79323
262	181	73.16001
263	595	68.40063
264	478	54.66828
265	675	99.81302
266	431	121.0681
267	709	78.02947
268	126	117.7239
269	479	91.75582
270	640	155.7065
271	648	82.87004
272	608	126.9747
273	150	114.8198
274	671	96.89299
275	502	82.13559
276	550	134.1907
277	180	153.535
278	331	110.4251
279	351	94.50467
280	562	160.1353
281	685	112.5504
282	349	162.2043
283	607	123.6411
284	333	93.07701
285	342	125.6748
286	297	140.236
287	247	44.04977
288	425	122.0307
289	306	199.5957
290	615	88.7762
291	194	115.3797
292	281	131.4481
293	316	126.658
294	658	128.7562
295	646	113.8689
296	475	119.5227
297	14	85.60812

No.	Case id	MAH
298	253	80.19911
299	649	121.4519
300	93	77.696
301	408	88.24579
302	332	121.122
303	358	102.2983
304	59	81.07163
305	655	118.1441
306	524	102.1777
307	633	98.0732
308	428	163.3337
309	322	192.2693
310	620	62.01652
311	568	79.44843
312	140	135.179
313	629	82.72741
314	355	49.66857
315	486	88.17725
316	591	29.39954
317	85	141.1007
318	23	113.4913
319	624	73.63156
320	20	161.7596
321	24	92.12713
322	430	88.73976
323	66	59.62489
324	18	106.1421
325	710	140.7921
326	101	119.1856
327	310	94.88846
328	544	84.22705
329	68	103.3619
330	728	91.68248
331	206	75.07373
332	188	59.80186
333	546	52.21379
334	626	111.513
335	523	135.3287
336	189	106.6646
337	88	88.18514
338	464	135.6566
339	622	89.05464
340	578	123.699

No.	Case id	MAH
341	482	107.1652
342	312	101.1829
343	605	62.51156
344	604	91.92844
345	612	122.4
346	611	130.8121
347	84	110.2102
348	387	128.7046
349	380	65.13652
350	693	99.25325
351	370	84.46118
352	686	125.4437
353	669	84.57302
354	248	78.43973
355	21	91.59226
356	705	122.2451
357	98	94.17477
358	670	186.6192
359	401	111.3201
360	673	124.8873
361	115	107.2349
362	69	105.5722
363	449	176.4201
364	559	181.583
365	279	105.8757

Table B

Univariate outliers detection for government role using Z-score

N0	Id cases	ZGov1	ZGov2	ZGov3	ZGov4	ZGov5	ZGov6	ZGov7	ZGov8	ZGov9	ZGov10	ZRgov11
1	526	-0.65321	-0.44454	-0.26208	0.62072	-0.34804	-0.34002	-0.42817	1.02388	-0.4772	0.96719	1.29137
2	202	0.50417	0.63523	0.87673	0.62072	1.90035	-0.34002	-1.56063	-0.05622	-0.4772	-0.8811	3.49393
3	721	1.66156	1.71499	-1.4009	0.62072	0.77616	-0.34002	-0.42817	-1.13633	-1.61562	-0.8811	-0.9112
4	657	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	0.7043	1.02388	-0.4772	0.96719	-0.9112
5	10	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
6	70	1.66156	-0.44454	0.87673	0.62072	1.90035	1.78149	0.7043	1.02388	0.66122	0.04304	-0.9112
7	223	0.50417	1.71499	0.87673	1.78857	0.77616	-0.34002	-1.56063	-0.05622	-1.61562	-1.80525	2.39265
8	230	-1.81059	-1.5243	-1.4009	-0.54713	-1.47223	-1.40078	0.7043	-2.21643	0.66122	-1.80525	-0.9112
9	290	-0.65321	-1.5243	-1.4009	0.62072	-0.34804	-1.40078	-2.6931	-1.13633	-0.4772	0.96719	-0.9112
10	283	0.50417	-1.5243	-1.4009	-1.71498	-1.47223	-1.40078	-1.56063	-2.21643	0.66122	0.04304	-0.9112
11	308	-0.65321	-1.5243	-0.26208	-1.71498	-1.47223	-0.34002	-1.56063	-1.13633	-1.61562	-1.80525	-0.9112
12	278	-2.96797	-2.60407	-1.4009	0.62072	0.77616	-0.34002	-0.42817	-2.21643	0.66122	-0.8811	-0.9112
13	697	-0.65321	-1.5243	-1.4009	-0.54713	-0.34804	-0.34002	0.7043	-0.05622	-1.61562	-0.8811	-0.9112
14	131	-0.65321	-0.44454	-1.4009	0.62072	-1.47223	-0.34002	0.7043	-0.05622	-1.61562	-0.8811	2.39265
15	371	-1.81059	-1.5243	-1.4009	0.62072	-0.34804	-1.40078	-0.42817	-1.13633	-1.61562	-0.8811	0.19008
16	435	-0.65321	0.63523	0.87673	0.62072	0.77616	-0.34002	-0.42817	-0.05622	0.66122	0.96719	0.19008
17	173	1.66156	1.71499	0.87673	0.62072	1.90035	1.78149	0.7043	1.02388	1.79963	0.96719	0.19008
18	722	0.50417	0.63523	-0.26208	-1.71498	-0.34804	-0.34002	-0.42817	-1.13633	0.66122	-0.8811	-0.9112
19	720	0.50417	-0.44454	-0.26208	-0.54713	0.77616	-1.40078	-1.56063	-2.21643	-0.4772	-1.80525	-0.9112
20	519	-0.65321	-0.44454	-0.26208	-1.71498	-0.34804	-1.40078	-0.42817	-2.21643	-0.4772	-1.80525	1.29137
21	203	-1.81059	-2.60407	0.87673	1.78857	0.77616	0.72073	0.7043	2.10398	1.79963	0.96719	-0.9112
22	276	-1.81059	-2.60407	-0.26208	-1.71498	-2.59643	-0.34002	-1.56063	-1.13633	-0.4772	-1.80525	0.19008
23	219	-0.65321	-0.44454	-0.26208	-0.54713	-1.47223	1.78149	-0.42817	-1.13633	0.66122	0.96719	-0.9112
24	394	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	0.72073	0.7043	-0.05622	0.66122	0.04304	0.19008
25	684	0.50417	0.63523	0.87673	1.78857	1.90035	1.78149	1.83677	1.02388	1.79963	0.96719	0.19008
26	216	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-1.40078	-1.56063	-0.05622	-0.4772	-0.8811	-0.9112
27	217	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-1.40078	-1.56063	-0.05622	-0.4772	-0.8811	-0.9112
28	567	0.50417	0.63523	-0.26208	-0.54713	-0.34804	0.72073	-0.42817	-0.05622	-0.4772	0.04304	0.19008
29	34	-0.65321	0.63523	0.87673	-0.54713	-0.34804	0.72073	-0.42817	-0.05622	0.66122	-0.8811	0.19008
30	459	-2.96797	-1.5243	-2.53972	-1.71498	-1.47223	-2.46154	-1.56063	-1.13633	-1.61562	-0.8811	3.49393
31	323	0.50417	0.63523	2.01555	0.62072	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	0.19008
32	90	0.50417	0.63523	2.01555	0.62072	0.77616	0.72073	0.7043	1.02388	1.79963	0.96719	0.19008
33	660	-0.65321	-1.5243	-2.53972	-1.71498	-1.47223	-1.40078	-1.56063	-0.05622	-1.61562	-0.8811	1.29137
34	547	-0.65321	-1.5243	-2.53972	-0.54713	-0.34804	-1.40078	-1.56063	-1.13633	-1.61562	-0.8811	0.19008
35	500	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-1.40078	-1.56063	-1.13633	-0.4772	-0.8811	-0.9112
36	245	-0.65321	-1.5243	-0.26208	-0.54713	-0.34804	-1.40078	-0.42817	-1.13633	-1.61562	0.04304	-0.9112
37	200	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
38	67	-1.81059	-0.44454	-0.26208	-0.54713	-0.34804	0.72073	0.7043	1.02388	-0.4772	0.04304	1.29137
39	174	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-1.13633	-0.4772	-0.8811	0.19008
40	570	0.50417	-0.44454	-0.26208	0.62072	-0.34804	0.72073	-0.42817	-1.13633	0.66122	0.04304	1.29137
41	392	-0.65321	-1.5243	-0.26208	0.62072	-0.34804	-0.34002	-0.42817	-1.13633	-0.4772	-0.8811	-0.9112
42	74	-1.81059	-1.5243	-1.4009	-1.71498	-1.47223	-1.40078	-1.56063	-1.13633	-1.61562	-0.8811	-0.9112
43	340	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	0.7043	1.02388	-0.4772	0.96719	1.29137
44	399	-0.65321	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	0.7043	-0.05622	-0.4772	0.04304	-0.9112
45	638	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	0.66122	0.04304	0.19008
46	287	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
47	11	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	-0.8811	2.39265
48	569	0.50417	0.63523	0.87673	0.62072	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	-0.8811	0.19008
49	269	0.50417	0.63523	-0.26208	0.62072	-0.34804	-0.34002	0.7043	1.02388	-0.4772	0.04304	0.19008
50	292	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-1.13633	0.66122	0.04304	-0.9112
51	286	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
52	575	0.50417	-0.44454	-0.26208	0.62072	-0.34804	0.72073	-0.42817	1.02388	-0.4772	0.96719	1.29137
53	354	1.66156	1.71499	2.01555	1.78857	1.90035	0.72073	0.7043	1.02388	1.79963	0.96719	0.19008
54	413	0.50417	0.63523	-0.26208	0.62072	0.77616	0.72073	0.7043	-0.05622	0.66122	0.04304	1.29137
55	123	0.50417	-0.44454	-0.26208	-0.54713	0.77616	1.78149	0.7043	1.02388	0.66122	0.96719	0.19008
56	485	0.50417	0.63523	0.87673	-0.54713	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	-0.9112
57	236	-0.65321	1.71499	-0.26208	0.62072	0.77616	-0.34002	-0.42817	-0.05622	-0.4772	0.96719	0.19008
58	335	0.50417	0.63523	-0.26208	0.62072	0.77616	-0.34002	0.7043	-0.05622	0.66122	0.04304	-0.9112
59	432	-0.65321	0.63523	-0.26208	0.62072	0.77616	0.72073	-0.42817	1.02388	-0.4772	0.96719	1.29137
60	272	0.50417	-0.44454	-0.26208	-0.54713	-1.47223	0.72073	0.7043	-0.05622	-0.4772	0.96719	-0.9112
61	179	-0.65321	-0.44454	-1.4009	-0.54713	-0.34804	-1.40078	-0.42817	-0.05622	-0.4772	0.96719	0.19008
62	357	-0.65321	0.63523	2.01555	0.62072	-0.34804	0.72073	1.83677	-0.05622	0.66122	1.89133	0.19008
63	334	0.50417	0.63523	-0.26208	0.62072	0.77616	-1.40078	-0.42817	1.02388	0.66122	0.96719	0.19008
64	261	-0.65321	-0.44454	-0.26208	0.62072	-0.34804	0.72073	0.7043	-0.05622	0.66122	0.96719	0.19008
65	285	-0.65321	0.63523	0.87673	0.62072	-0.34804	-1.40078	-0.42817	-0.05622	0.66122	-0.4772	0.19008
66	443	-1.81059	-2.60407	-1.4009	-0.54713	-0.34804	-2.46154	-0.42817	-1.13633	-1.61562	-0.8811	1.29137
67	601	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	0.72073	1.83677	1.02388	-0.4772	0.04304	-0.9112
68	540	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	-0.42817	1.02388	0.66122	0.04304	0.19008
69	436	0.50417	-0.44454	-1.4009	-0.54713	-0.34804	-0.34002	0.7043	-0.05622	-0.4772	0.96719	0.19008
70	555	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	0.7043	-1.13633	-0.4772	0.04304	1.29137
71	212	0.50417	0.63523	0.87673	-0.54713	-1.47223	-0.34002	0.7043	1.02388	0.66122	0.04304	0.19008
72	268	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-1.56063	-0.05622	-1.61562	-0.8811	0.19008
73	531	-0.65321	-2.60407	-1.4009	-1.71498	-2.59643	-0.34002	-1.56063	-2.21643	-1.61562	-1.80525	-0.9112

74	50	-0.65321	-0.44454	0.87673	0.62072	0.77616	0.72073	-1.56063	-0.05622	0.66122	0.96719	-0.9112
75	258	-0.65321	0.63523	0.87673	-0.54713	-1.47223	-0.34002	0.7043	-1.13633	-1.61562	-0.8811	1.29137
76	32	-0.65321	-1.5243	-1.4009	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	0.66122	-0.8811	-0.9112
77	414	0.50417	-0.44454	-2.53972	-1.71498	-2.59643	-0.34002	-1.56063	-1.13633	-1.61562	-1.80525	1.29137
78	337	-0.65321	0.63523	-0.26208	-0.54713	0.77616	0.72073	0.7043	-0.05622	-0.4772	0.96719	1.29137
79	730	-1.81059	-1.5243	-1.4009	-1.71498	-1.47223	-1.40078	-0.42817	-1.13633	-1.61562	-0.8811	2.39265
80	12	-0.65321	-1.5243	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.96719	0.19008
81	146	0.50417	0.63523	-0.26208	-0.54713	-0.34804	0.72073	0.7043	2.10398	1.79963	1.89133	-0.9112
82	135	0.50417	1.71499	0.87673	0.62072	-0.34804	-0.34002	0.7043	1.02388	-0.4772	-1.80525	1.29137
83	165	0.50417	0.63523	0.87673	0.62072	-0.34804	-0.34002	-0.42817	-1.13633	-0.4772	-0.8811	1.29137
84	260	-0.65321	-0.44454	-0.26208	-1.71498	-0.34804	-0.42817	-0.05622	-0.4772	0.04304	-0.9112	
85	522	0.50417	0.63523	-0.26208	0.62072	0.77616	1.78149	0.7043	1.02388	0.66122	-0.8811	1.29137
86	31	-0.65321	0.63523	-0.26208	0.62072	-1.47223	-0.34002	0.7043	-1.13633	-0.4772	-0.8811	0.19008
87	153	0.50417	-1.5243	-1.4009	-1.71498	-1.47223	-1.40078	-1.56063	-1.13633	-0.4772	0.04304	1.29137
88	532	-1.81059	-1.5243	-1.4009	-1.71498	-1.47223	-1.40078	-1.56063	-1.13633	-1.61562	-0.8811	2.39265
89	706	-0.65321	-0.44454	-0.26208	-0.54713	0.77616	-0.34002	-0.42817	-1.13633	0.66122	-0.8811	0.19008
90	427	-0.65321	-1.5243	-1.4009	0.62072	-1.47223	-0.34002	-0.42817	-1.13633	0.66122	-0.8811	0.19008
91	336	0.50417	-2.60407	-2.53972	-1.71498	0.77616	0.72073	0.7043	-2.21643	0.66122	0.04304	-0.9112
92	497	0.50417	-0.44454	0.87673	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	-0.8811	-0.9112
93	592	0.50417	0.63523	0.87673	1.78857	0.77616	1.78149	-0.42817	-0.05622	-0.4772	0.96719	-0.9112
94	484	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
95	161	-1.81059	-1.5243	-1.4009	0.62072	-2.59643	-2.46154	-2.6931	-1.13633	-1.61562	0.96719	-0.9112
96	221	0.50417	-0.44454	0.87673	-0.54713	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	0.19008
97	717	-1.81059	-1.5243	-1.4009	-0.54713	-1.47223	-1.40078	-1.56063	-1.13633	-1.61562	-0.8811	1.29137
98	650	-0.65321	1.71499	-0.26208	-0.54713	1.90035	0.72073	1.83677	-0.05622	0.66122	0.04304	0.19008
99	423	0.50417	1.71499	-0.26208	1.78857	0.77616	1.78149	-0.42817	1.02388	1.79963	0.96719	0.19008
100	209	-0.65321	-0.44454	0.87673	-1.71498	0.77616	-1.40078	-0.42817	1.02388	-1.61562	-1.80525	1.29137
101	275	0.50417	-0.44454	-0.26208	-1.71498	-0.34804	-1.40078	0.7043	-1.13633	-0.4772	1.89133	2.39265
102	551	1.66156	0.63523	0.87673	0.62072	0.77616	-0.34002	-0.42817	-0.05622	-0.4772	-0.8811	-0.9112
103	159	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-1.40078	-1.56063	-1.13633	-1.61562	-1.80525	-0.9112
104	583	-1.81059	-0.44454	-1.4009	-1.71498	-1.47223	0.72073	0.7043	-0.05622	-0.4772	0.04304	-0.9112
105	97	0.50417	0.63523	0.87673	-0.54713	-0.34804	0.72073	-0.42817	-0.05622	1.79963	0.96719	0.19008
106	353	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-2.21643	-0.4772	-1.80525	-0.9112
107	587	-1.81059	-1.5243	-1.4009	-0.54713	-1.47223	-1.40078	-0.42817	-1.13633	-0.4772	0.04304	-0.9112
108	631	1.66156	0.63523	0.87673	-2.88283	-1.47223	-0.34002	1.83677	1.02388	-1.61562	0.04304	1.29137
109	231	-1.81059	-0.44454	-0.26208	1.78857	-1.47223	-0.34002	-0.42817	-1.13633	0.66122	-0.8811	2.39265
110	579	-0.65321	-1.5243	-1.4009	-1.71498	-0.34804	1.78149	-1.56063	-0.05622	-0.4772	-1.80525	-0.9112
111	404	0.50417	-1.5243	-0.26208	-1.71498	-0.34804	-1.40078	-0.42817	-0.05622	0.66122	-0.8811	-0.9112
112	237	0.50417	-0.44454	-0.26208	0.62072	-0.34804	-1.40078	0.7043	-0.05622	0.66122	-0.8811	-0.9112
113	590	-0.65321	0.63523	-0.26208	0.62072	0.77616	-0.34002	-0.42817	-0.05622	0.66122	0.04304	0.19008
114	183	1.66156	0.63523	2.01555	0.62072	0.77616	1.78149	0.7043	1.02388	-0.4772	0.96719	0.19008
115	457	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
116	102	0.50417	0.63523	0.87673	0.62072	-0.34804	-0.34002	0.7043	-0.05622	0.66122	-0.8811	0.19008
117	388	-1.81059	-0.44454	-1.4009	-0.54713	-0.34804	-0.34002	-1.56063	-1.13633	-1.61562	-1.80525	1.29137
118	666	-0.65321	0.63523	0.87673	-0.54713	-0.34804	-0.34002	-0.42817	-1.13633	-0.4772	0.04304	0.19008
119	9	0.50417	-1.5243	-1.4009	0.62072	-1.47223	-0.34002	-0.42817	-1.13633	0.66122	0.96719	0.19008
120	662	0.50417	0.63523	-0.26208	-0.54713	0.77616	0.72073	-0.42817	-0.05622	-1.61562	-0.8811	-0.9112
121	300	-0.65321	0.63523	-0.26208	-0.54713	-0.34804	0.72073	0.7043	1.02388	1.79963	0.96719	-0.9112
122	296	0.50417	-0.44454	-0.26208	-0.54713	0.77616	0.72073	0.7043	-0.05622	0.66122	0.04304	0.19008
123	627	0.50417	0.63523	2.01555	0.62072	-0.34804	-0.34002	0.7043	-0.05622	0.66122	1.89133	0.19008
124	708	0.50417	1.71499	0.87673	0.62072	0.77616	0.72073	1.83677	1.02388	-0.4772	0.96719	0.19008
125	124	0.50417	1.71499	0.87673	1.78857	0.77616	-0.34002	0.7043	-0.05622	0.66122	0.04304	-0.9112
126	38	1.66156	1.71499	2.01555	0.62072	0.77616	0.72073	0.7043	2.10398	1.79963	1.89133	-0.9112
127	201	-0.65321	-0.44454	-1.4009	-0.54713	-1.47223	-0.34002	-0.42817	-1.13633	-0.4772	0.04304	-0.9112
128	171	0.50417	-1.5243	-1.4009	0.62072	-1.47223	-1.40078	-1.56063	-1.13633	0.66122	-0.8811	0.19008
129	251	-0.65321	0.63523	0.87673	0.62072	-0.34804	0.72073	0.7043	1.02388	0.66122	0.04304	0.19008
130	403	0.50417	0.63523	-0.26208	-0.54713	0.77616	0.72073	-1.56063	-0.05622	0.66122	0.04304	0.19008
131	674	0.50417	0.63523	0.87673	0.62072	-0.34804	-1.40078	-0.42817	-0.05622	0.66122	-0.8811	-0.9112
132	681	1.66156	0.63523	-0.26208	0.62072	0.77616	0.72073	-0.42817	1.02388	0.66122	0.96719	0.19008
133	28	0.50417	0.63523	-0.26208	0.62072	0.77616	-0.34002	0.7043	1.02388	0.66122	0.96719	-0.9112
134	723	0.50417	0.63523	0.87673	-0.54713	0.77616	-0.34002	0.7043	1.02388	-0.4772	0.96719	0.19008
135	218	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	0.7043	-0.05622	0.66122	0.04304	1.29137
136	149	-0.65321	-0.44454	-0.26208	0.62072	-0.34804	0.72073	-0.42817	-0.05622	0.66122	0.96719	0.19008
137	154	-0.65321	-0.44454	-0.26208	0.62072	-1.47223	0.72073	0.7043	-1.13633	-1.61562	-0.8811	0.19008
138	60	0.50417	0.63523	0.87673	-0.54713	0.77616	-0.34002	0.7043	1.02388	-0.4772	0.04304	1.29137
139	416	0.50417	-0.44454	0.87673	1.78857	-0.34804	1.78149	0.7043	2.10398	0.66122	1.89133	0.19008
140	5	1.66156	1.71499	2.01555	1.78857	1.90035	1.78149	1.83677	2.10398	1.79963	1.89133	-0.9112
141	210	0.50417	1.71499	0.87673	1.78857	0.77616	1.78149	1.83677	2.10398	0.66122	0.96719	0.19008
142	4	0.50417	-0.44454	-1.4009	0.62072	-0.34804	0.72073	0.7043	-0.05622	0.66122	-0.8811	0.19008
143	288	0.50417	0.63523	-0.26208	-1.71498	-1.47223	-2.46154	0.7043	-0.05622	1.79963	-1.80525	0.19008
144	175	-0.65321	0.63523	-0.26208	-0.54713	0.77616	-1.40078	-0.42817	1.02388	-0.4772	0.04304	1.29137
145	637	0.50417	1.71499	0.87673	1.78857	0.77616	-0.34002	-0.42817	-0.05622	-1.61562	-0.8811	3.49393
146	704	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	-0.42817	-0.05622	0.66122	0.04304	0.19008
147	582	0.50417	-0.44454	0.87673	0.62072	-0.34804	0.72073	0.7043	2.10398	1.79963	0.96719	1.29137
148	145	1.66156	0.63523	0.87673	-0.54713	-0.34804	0.72073	0.7043	2.10398	1.79963	1.89133	-0.9112
149	116	-0.65321	-0.44454	-0.26208	0.62072	0.77616	-0.34002	0.7043	-0.05622	-0.4772	0.96719	-0.9112
150	207	-1.81059	0.63523	-0.26208	-0.54713	-1.47223	-1.40078	0.7043	-0.05622	0.66122	0.96719	0.19008
151	56	0.50417	0.63523	-0.26208	-0.54713	-0.34804	0.72073	0.7043	1.02388	0.66122	0.04304	0.19008
152	616	-0.65321	-0.44454	0.87673	0.62072	1.90035	0.72073	-0.42817	-0.05622	0.66122	-0.8811	-0.9112
153	379	-0.65321	-0.44454	-0.26208	0.62072	-0.34804	-0.34002	0.7043	-0.05622	-0.4772	0.04304	1.29137
154	156	0.50417	-0.44454	0.87673	0.62072	0.77616	0.72073	-0.42817	1.02388	-0.4772	0.96719	0.19008

155	27	0.50417	0.63523	-0.26208	0.62072	-0.34804	1.78149	0.7043	-1.13633	0.66122	-0.8811	-0.9112
156	350	-0.65321	-0.44454	0.87673	0.62072	-0.34804	-0.34002	0.7043	-0.05622	-0.4772	0.04304	-0.9112
157	499	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	0.7043	-0.05622	-0.4772	0.04304	0.19008
158	644	0.50417	-0.44454	-0.26208	-0.54713	0.77616	-1.40078	-1.56063	-1.13633	-0.4772	0.04304	0.19008
159	397	0.50417	-1.5243	-1.4009	-1.71498	-1.47223	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
160	178	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
161	47	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	0.19008
162	303	-0.65321	0.63523	-0.26208	0.62072	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	0.19008
163	341	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	0.19008
164	699	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	0.19008
165	621	0.50417	0.63523	-0.26208	0.62072	0.77616	0.72073	-0.42817	1.02388	-0.4772	0.96719	0.19008
166	81	0.50417	-0.44454	0.87673	0.62072	0.77616	0.72073	0.7043	-0.05622	0.66122	0.04304	0.19008
167	410	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	-1.56063	-1.13633	0.66122	-0.8811	-0.9112
168	226	-0.65321	-0.44454	-1.4009	-1.71498	-0.34804	-1.40078	-0.42817	-0.05622	-1.61562	-0.8811	-0.9112
169	711	0.50417	-0.44454	-0.26208	0.62072	-0.34804	-0.34002	0.7043	1.02388	0.66122	0.04304	0.19008
170	364	-0.65321	0.63523	0.87673	0.62072	1.90035	1.78149	0.7043	1.02388	0.66122	0.96719	-0.9112
171	169	-1.81059	-1.5243	-1.4009	-1.71498	-1.47223	-1.40078	-1.56063	-1.13633	-1.61562	-0.8811	2.39265
172	534	0.50417	0.63523	0.87673	-0.54713	-1.47223	0.72073	-0.42817	-0.05622	0.66122	0.04304	1.29137
173	141	0.50417	0.63523	2.01555	1.78857	0.77616	0.72073	1.83677	1.02388	-0.4772	0.96719	0.19008
174	455	1.66156	1.71499	0.87673	1.78857	0.77616	1.78149	0.7043	1.02388	1.79963	1.89133	-0.9112
175	41	1.66156	0.63523	-0.26208	1.78857	1.90035	0.72073	0.7043	1.02388	-0.4772	-0.8811	-0.9112
176	277	0.50417	0.63523	-0.26208	0.62072	-1.40078	-1.13633	-1.61562	-0.8811	0.19008		
177	656	-0.65321	-0.44454	-0.26208	-2.88283	-2.59643	-1.40078	-1.56063	-1.13633	-2.75403	-0.8811	2.39265
178	466	-1.81059	0.63523	-0.26208	-0.54713	0.77616	0.72073	0.7043	-1.13633	0.66122	0.96719	-0.9112
179	2	-1.81059	-0.44454	-2.53972	-2.88283	-2.59643	-1.40078	-0.42817	-2.21643	-1.61562	-1.80525	-0.9112
180	73	-1.81059	-1.5243	-2.53972	-1.71498	-0.34804	-1.40078	-1.56063	-0.05622	-1.61562	-0.8811	1.29137
181	199	-1.81059	-1.5243	0.87673	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
182	53	-0.65321	0.63523	0.87673	0.62072	0.77616	0.72073	-0.42817	-1.13633	-1.61562	0.04304	2.39265
183	557	-1.81059	-1.5243	-1.4009	-0.54713	-0.34804	-0.34002	-0.42817	-1.13633	-0.4772	0.04304	-0.9112
184	391	-1.81059	-1.5243	-1.4009	0.62072	-1.47223	-0.34002	-1.56063	-0.05622	-0.4772	-0.8811	1.29137
185	61	-0.65321	0.63523	-1.4009	-1.71498	-1.47223	-2.46154	-2.6931	-1.13633	0.66122	-1.80525	-0.9112
186	243	0.50417	-0.44454	0.87673	-1.71498	0.77616	0.72073	-1.56063	1.02388	0.66122	0.04304	-0.9112
187	299	-0.65321	-1.5243	0.87673	-0.54713	-0.34804	0.72073	-0.42817	-0.05622	-1.61562	-0.8811	0.19008
188	29	-0.65321	0.63523	-1.4009	0.62072	-0.34804	-0.34002	-0.42817	-1.13633	-1.61562	-0.8811	-0.9112
189	198	-0.65321	-0.44454	-0.26208	0.62072	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	0.19008
190	542	0.50417	-0.44454	-0.26208	-0.54713	0.77616	-0.34002	0.7043	-0.05622	-0.4772	-0.8811	1.29137
191	589	0.50417	-0.44454	0.87673	0.62072	0.77616	0.72073	0.7043	-0.05622	0.66122	0.96719	0.19008
192	415	-0.65321	-0.44454	-0.26208	0.62072	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	0.19008
193	246	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
194	259	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	1.29137
195	366	-0.65321	-1.5243	0.87673	-0.54713	-1.47223	0.72073	-0.42817	-1.13633	0.66122	-0.8811	0.19008
196	395	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-1.40078	-1.56063	-0.05622	-1.61562	0.04304	-0.9112
197	594	-0.65321	-0.44454	-0.26208	-1.71498	-0.34804	1.78149	-1.56063	-1.13633	-0.4772	-0.8811	0.19008
198	80	-0.65321	0.63523	0.87673	-0.54713	0.77616	0.72073	0.7043	1.02388	-0.4772	0.04304	1.29137
199	7	0.50417	0.63523	-0.26208	0.62072	0.77616	0.72073	0.7043	-0.05622	0.66122	0.96719	1.29137
200	238	-0.65321	-0.44454	-1.4009	-0.54713	0.77616	-0.34002	0.7043	-0.05622	0.66122	-0.8811	-0.9112
201	525	0.50417	-0.44454	0.87673	-0.54713	0.77616	0.72073	0.7043	-0.05622	0.66122	0.96719	1.29137
202	716	-0.65321	0.63523	2.01555	-0.54713	0.77616	-0.34002	0.7043	-0.05622	-0.4772	-0.8811	0.19008
203	518	-1.81059	-0.44454	-1.4009	-1.71498	0.77616	-1.40078	-1.56063	-1.13633	-0.4772	-0.8811	-0.9112
204	132	-0.65321	-0.44454	0.87673	0.62072	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	-0.9112
205	264	-0.65321	-0.44454	-0.26208	-1.71498	-1.47223	-1.40078	0.7043	-0.05622	-0.4772	0.96719	0.19008
206	319	-0.65321	-0.44454	0.87673	0.62072	-0.34804	-0.34002	-0.42817	1.02388	-0.4772	0.04304	1.29137
207	8	-0.65321	-0.44454	0.87673	-0.54713	0.77616	-0.34002	0.7043	1.02388	1.79963	1.89133	0.19008
208	330	0.50417	0.63523	0.87673	0.62072	0.77616	-0.34002	-0.42817	-0.05622	0.66122	0.96719	0.19008
209	362	0.50417	-1.5243	-1.4009	0.62072	-0.34804	-0.34002	-0.42817	-1.13633	-0.4772	-0.8811	-0.9112
210	327	0.50417	-0.44454	0.87673	-0.54713	0.77616	0.72073	0.7043	-0.05622	0.66122	0.96719	0.19008
211	318	0.50417	0.63523	0.87673	0.62072	-0.34804	0.72073	0.7043	1.02388	0.66122	0.04304	0.19008
212	254	0.50417	0.63523	0.87673	0.62072	1.90035	1.78149	1.83677	-0.05622	0.66122	0.04304	1.29137
213	103	-0.65321	-0.44454	-1.4009	-1.71498	-1.47223	-1.40078	-0.42817	-1.13633	-1.61562	-0.8811	0.19008
214	118	0.50417	0.63523	-0.26208	-0.54713	0.77616	-0.34002	-0.42817	-0.05622	0.66122	0.96719	-0.9112
215	549	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	-1.56063	-0.05622	-0.4772	-0.8811	0.19008
216	599	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	-0.42817	1.02388	-0.4772	0.04304	-0.9112
217	389	0.50417	-0.44454	-0.26208	0.62072	0.77616	-0.34002	1.83677	1.02388	-0.4772	0.04304	-0.9112
218	434	0.50417	0.63523	0.87673	1.78857	0.77616	1.78149	0.7043	-0.05622	-0.4772	0.04304	-0.9112
219	683	0.50417	-0.44454	-0.26208	0.62072	0.77616	-0.34002	-0.42817	-0.05622	0.66122	0.96719	-0.9112
220	619	1.66156	1.71499	-0.26208	1.78857	-0.34804	-1.40078	-1.56063	-0.05622	-1.61562	-0.8811	1.29137
221	117	1.66156	1.71499	0.87673	1.78857	-0.34804	0.72073	-0.42817	-0.05622	-0.4772	0.04304	1.29137
222	573	-1.81059	-1.5243	-1.4009	-1.71498	-0.34804	0.72073	-1.56063	-0.05622	-0.4772	-0.8811	-0.9112
223	510	-0.65321	-0.44454	-0.26208	-1.71498	-1.47223	-1.40078	-0.42817	-0.05622	-0.4772	-0.8811	0.19008
224	196	-0.65321	-0.44454	-1.4009	-0.54713	-0.34804	-0.34002	0.7043	-0.05622	0.66122	-0.8811	-0.9112
225	668	-0.65321	-0.44454	-1.4009	-0.54713	-0.34804	-0.34002	-0.42817	-1.13633	-1.61562	-1.80525	-0.9112
226	79	0.50417	0.63523	-1.4009	-0.54713	-1.47223	-1.40078	-1.56063	-1.13633	-1.61562	-0.8811	2.39265
227	162	0.50417	-0.44454	-0.26208	0.62072	-0.34804	-0.34002	0.7043	-1.13633	-1.61562	-0.8811	-0.9112
228	580	0.50417	-0.44454	-0.26208	-0.54713	0.77616	0.72073	1.83677	1.02388	-0.4772	0.04304	2.39265
229	65	-0.65321	-1.5243	-0.26208	0.62072	-1.47223	0.72073	-0.42817	-0.05622	-0.4772	-1.80525	0.19008
230	533	0.50417	0.63523	0.87673	0.62072	1.90035	1.78149	1.83677	1.02388	0.66122	1.89133	0.19008
231	43	0.50417	-0.44454	-0.26208	0.62072	0.77616	0.72073	0.7043	-0.05622	-0.4772	0.04304	-0.9112
232	614	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	0.66122	0.04304	-0.9112
233	402	1.66156	0.63523	-0.26208	-1.71498	-1.47223	-1.40078	-1.56063	-1.13633	-0.4772	-0.8811	-0.9112
234	367	-0.65321	0.63523	-0.26208	-1.71498	-0.34804	0.72073	0.7043	-0.05622	-0.4772	0.04304	0.19008
235	138	-0.65321	0.63523	0.87673	0.62072	-1.47223	0.72073	-0.42817	-0.05622	0.66122	-1.80525	0.19008

236	470	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	1.02388	-0.4772	0.04304	1.29137
237	311	-0.65321	0.63523	0.87673	0.62072	-0.34804	0.72073	0.7043	-0.05622	0.66122	1.89133	-0.9112
238	152	-0.65321	-0.44454	-0.26208	0.62072	-1.47223	-0.34002	-1.56063	-0.05622	-0.4772	0.04304	1.29137
239	256	0.50417	1.71499	-0.26208	0.62072	0.77616	-0.34002	0.7043	1.02388	-0.4772	0.96719	-0.9112
240	565	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	0.04304	-0.9112
241	317	-1.81059	-0.44454	-1.4009	-0.54713	-1.47223	0.72073	1.83677	-0.05622	-1.61562	-1.80525	-0.9112
242	528	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	0.7043	-0.05622	-0.4772	0.04304	0.19008
243	628	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	0.7043	1.02388	-0.4772	0.04304	-0.9112
244	688	-0.65321	0.63523	-0.26208	0.62072	0.77616	-0.34002	-2.6931	-1.13633	-0.4772	-0.8811	-0.9112
245	651	-1.81059	-0.44454	-0.26208	-1.71498	-1.47223	-1.40078	-0.42817	-1.13633	-0.4772	-0.8811	-0.9112
246	72	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	1.02388	0.66122	-0.8811	0.19008
247	511	0.50417	-0.44454	-0.26208	1.78857	0.77616	0.72073	1.83677	1.02388	1.79963	1.89133	1.29137
248	472	-0.65321	-0.44454	0.87673	0.62072	-0.34804	-0.34002	0.7043	-0.05622	0.66122	0.96719	0.19008
249	558	-0.65321	-0.44454	-1.4009	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	-1.80525	-0.9112
250	508	-0.65321	-0.44454	-2.53972	-0.54713	-0.34804	-0.34002	0.7043	-2.21643	0.66122	-1.80525	-0.9112
251	105	0.50417	0.63523	-0.26208	0.62072	-0.34804	0.72073	0.7043	1.02388	0.66122	0.96719	0.19008
252	635	0.50417	-0.44454	0.87673	-0.54713	0.77616	-0.34002	0.7043	-0.05622	0.66122	0.04304	0.19008
253	33	0.50417	-0.153	-0.26208	0.62072	-0.34804	0.72073	-0.42817	-0.05622	0.66122	0.96719	0.19008
254	168	-0.65321	-0.44454	-0.26208	-0.54713	0.77616	-0.34002	-0.42817	-1.13633	-0.4772	0.04304	-0.9112
255	345	0.50417	0.63523	0.87673	0.62072	0.77616	-0.34002	-0.42817	-0.05622	0.66122	0.96719	0.19008
256	1	0.50417	-0.44454	-0.26208	0.62072	-0.34804	-0.34002	0.7043	-0.05622	0.66122	-0.8811	-0.9112
257	155	-0.65321	0.63523	0.87673	-0.54713	-0.34804	-0.34002	-0.42817	1.02388	0.66122	0.04304	1.29137
258	182	0.50417	-0.44454	0.87673	1.78857	1.90035	1.78149	0.7043	-0.05622	0.66122	0.96719	-0.9112
259	57	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-1.56063	-0.05622	-0.4772	0.04304	1.29137
260	630	0.50417	0.63523	0.87673	0.62072	0.77616	-0.34002	-1.56063	1.02388	-1.61562	-0.8811	0.19008
261	696	0.50417	0.63523	0.87673	0.62072	0.77616	-0.34002	0.7043	1.02388	-0.4772	0.96719	0.19008
262	181	1.66156	0.63523	0.87673	0.62072	-0.34804	0.72073	-0.42817	-1.13633	-0.4772	0.04304	0.19008
263	595	-0.65321	-0.44454	0.87673	0.62072	-0.34804	-0.34002	0.7043	-0.05622	0.66122	0.04304	-0.9112
264	478	1.66156	-0.44454	-0.26208	-0.54713	0.77616	0.72073	0.7043	1.02388	0.66122	0.04304	-0.9112
265	675	0.50417	-1.5243	-1.4009	0.62072	0.77616	0.72073	-0.42817	-1.13633	-0.4772	0.04304	-0.9112
266	431	-0.65321	0.63523	-0.26208	0.62072	-0.34804	0.72073	-0.42817	1.02388	0.66122	0.96719	0.19008
267	709	0.50417	0.63523	-0.26208	1.78857	0.77616	-0.34002	0.7043	-0.05622	-0.4772	0.04304	0.19008
268	126	0.50417	-0.44454	-0.26208	0.62072	-0.34804	1.78149	-0.42817	1.02388	-0.4772	-0.8811	-0.9112
269	479	1.66156	-0.44454	-0.26208	0.62072	0.77616	-0.34002	-0.42817	-1.13633	-1.61562	-0.8811	-0.9112
270	640	1.66156	1.71499	0.87673	1.78857	-0.34804	0.72073	-1.56063	-0.05622	0.66122	-0.8811	-0.9112
271	648	0.50417	0.63523	2.01555	-0.54713	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	-0.9112
272	608	1.66156	0.63523	2.01555	0.62072	1.90035	1.78149	1.83677	2.10398	1.79963	1.89133	-0.9112
273	150	0.50417	1.71499	0.87673	0.62072	-1.47223	0.72073	-0.42817	-1.13633	-0.4772	0.04304	-0.9112
274	671	1.66156	0.63523	0.87673	0.62072	-0.34804	0.72073	0.7043	-0.05622	-0.4772	0.96719	-0.9112
275	502	-0.65321	-0.44454	-0.26208	-0.54713	0.77616	0.72073	0.7043	-0.05622	0.66122	-0.8811	-0.9112
276	550	0.50417	-0.44454	-0.26208	-1.71498	0.77616	-0.34002	-1.56063	-0.05622	-0.4772	-1.80525	-0.9112
277	180	1.66156	-2.60407	-2.53972	-2.88283	-2.59643	-2.46154	-2.6931	-2.21643	-2.75403	-1.80525	-0.9112
278	331	-0.65321	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	0.7043	-0.05622	-0.4772	0.04304	0.19008
279	351	-1.81059	-0.44454	-0.26208	-0.54713	-1.47223	0.72073	-0.42817	-1.13633	-1.61562	-0.8811	-0.9112
280	562	0.50417	0.63523	-0.26208	-1.71498	0.77616	-0.34002	0.7043	-0.05622	0.66122	0.04304	-0.9112
281	685	0.50417	-1.5243	-1.4009	-1.71498	-1.47223	-1.40078	-0.42817	-0.05622	-0.4772	0.04304	1.29137
282	349	0.50417	-1.5243	-1.4009	-0.54713	-1.47223	0.72073	0.7043	-2.21643	0.66122	-0.8811	-0.9112
283	607	0.50417	-1.5243	-1.4009	0.62072	-1.47223	-1.40078	0.7043	-1.13633	0.66122	-1.80525	-0.9112
284	333	-1.81059	0.63523	-1.4009	-0.54713	-0.34804	-1.40078	0.7043	-0.05622	0.66122	-0.8811	0.19008
285	342	-0.65321	0.63523	0.87673	0.62072	0.77616	0.72073	0.7043	-0.05622	0.66122	0.04304	0.19008
286	297	0.50417	-1.5243	-1.4009	-1.71498	-0.34804	0.72073	0.7043	-2.21643	-0.4772	-0.8811	-0.9112
287	247	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	0.7043	-0.05622	0.66122	-0.8811	0.19008
288	425	0.50417	-0.44454	-0.26208	0.62072	-0.34804	0.72073	-0.42817	-0.05622	-0.4772	0.96719	1.29137
289	306	-1.81059	0.63523	0.87673	-0.54713	-1.47223	0.72073	-1.56063	1.02388	-0.4772	0.04304	1.29137
290	615	0.50417	0.63523	-0.26208	1.78857	0.77616	-0.34002	0.7043	-1.13633	0.66122	0.04304	-0.9112
291	194	-0.65321	0.63523	-1.4009	0.62072	0.77616	-1.40078	-1.56063	-0.05622	-1.61562	-0.8811	-0.9112
292	281	1.66156	1.71499	0.87673	0.62072	1.90035	0.72073	0.7043	-0.05622	0.66122	-0.8811	-0.9112
293	316	-1.81059	0.63523	0.87673	0.62072	-1.47223	0.72073	0.7043	1.02388	0.66122	-0.8811	0.19008
294	658	-2.96797	-1.5243	-2.53972	-0.54713	-2.59643	-2.46154	0.7043	-2.21643	-0.4772	-1.80525	-0.9112
295	646	0.50417	0.63523	2.01555	0.62072	-0.34804	0.72073	0.7043	1.02388	-0.4772	-0.8811	-0.9112
296	475	0.50417	0.63523	0.87673	-0.54713	-0.34804	0.72073	-1.56063	-0.05622	0.66122	0.04304	-0.9112
297	14	-1.81059	-1.5243	-1.4009	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	-0.8811	0.19008
298	253	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	1.83677	1.02388	0.66122	0.96719	0.19008
299	649	1.66156	0.63523	0.87673	1.78857	0.77616	-1.40078	-0.42817	-0.05622	-0.4772	-0.8811	0.19008
300	93	1.66156	0.63523	0.87673	0.62072	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	0.19008
301	408	0.50417	0.63523	0.87673	0.62072	-0.34804	0.72073	0.7043	-0.05622	-0.4772	0.04304	0.19008
302	332	1.66156	-0.44454	-0.26208	-0.54713	0.77616	1.78149	1.83677	2.10398	0.66122	0.04304	-0.9112
303	358	0.50417	0.63523	-0.26208	0.62072	0.77616	0.72073	-1.56063	-1.13633	-0.4772	-0.8811	-0.9112
304	59	0.50417	0.63523	0.87673	1.78857	1.90035	1.78149	0.7043	1.02388	1.79963	1.89133	-0.9112
305	655	0.50417	0.63523	0.87673	0.62072	0.77616	-1.40078	-1.56063	-1.13633	0.66122	-0.8811	-0.9112
306	524	-1.81059	-1.5243	0.87673	0.62072	-0.34804	-1.40078	1.83677	1.02388	1.79963	0.96719	-0.9112
307	633	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	0.66122	0.96719	0.19008
308	428	-0.65321	0.63523	-0.26208	-0.54713	-0.34804	-1.40078	-0.42817	-0.05622	-1.61562	0.04304	-0.9112
309	322	1.66156	1.71499	0.87673	1.78857	0.77616	0.72073	-0.42817	1.02388	1.79963	0.96719	-0.9112
310	620	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	0.66122	0.96719	0.19008
311	568	0.50417	1.71499	0.87673	0.62072	0.77616	1.78149	1.83677	1.02388	1.79963	-0.8811	-0.9112
312	140	-0.65321	-0.44454	0.87673	0.62072	1.90035	0.72073	1.83677	2.10398	0.66122	0.04304	0.19008
313	629	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	0.72073	-0.42817	-0.05622	-0.4772	0.96719	-0.9112
314	355	1.66156	1.71499	0.87673	0.62072	1.90035	1.78149	0.7043	1.02388	1.79963	1.89133	-0.9112
315	486	-0.65321	1.71499	2.01555	1.78857	0.77616	1.78149	1.83677	2.10398	1.79963	0.04304	-0.9112
316	591	1.66156	1.71499	2.01555	1.78857	1.90035	1.78149	1.83677	2.10398	1.79963	1.89133	-0.9112

317	85	-0.65321	-1.5243	-1.4009	0.62072	-1.47223	-1.40078	-0.42817	-1.13633	-1.61562	-1.80525	2.39265
318	23	-1.81059	-1.5243	-1.4009	-0.54713	-0.34804	-0.34002	-0.42817	-2.21643	-1.61562	-1.80525	-0.9112
319	624	0.50417	0.63523	-0.26208	0.62072	0.77616	0.72073	0.7043	-0.05622	-0.4772	-1.80525	-0.9112
320	20	-2.96797	0.63523	2.01555	0.62072	0.77616	1.78149	0.7043	2.10398	1.79963	0.96719	-0.9112
321	24	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-1.13633	-1.61562	-0.8811	2.39265
322	430	0.50417	0.63523	-0.26208	0.62072	-0.34804	0.72073	-0.42817	1.02388	0.66122	0.96719	1.29137
323	66	-0.65321	0.63523	-0.26208	-0.54713	0.77616	-0.34002	-0.42817	-0.05622	-1.61562	-0.8811	-0.9112
324	18	0.50417	-0.44454	-0.26208	-0.54713	-0.34804	0.72073	-0.42817	1.02388	0.66122	0.04304	-0.9112
325	710	-0.65321	1.71499	0.87673	0.62072	-0.34804	-0.34002	1.83677	-0.05622	0.66122	1.89133	0.19008
326	101	1.66156	1.71499	2.01555	-0.54713	-1.47223	-0.34002	0.7043	-0.05622	1.79963	0.96719	-0.9112
327	310	0.50417	1.71499	-0.26208	-0.54713	-0.34804	0.72073	1.83677	2.10398	1.79963	1.89133	-0.9112
328	544	0.50417	0.63523	0.87673	0.62072	0.77616	-0.34002	-0.42817	-0.05622	-0.4772	0.96719	0.19008
329	68	0.50417	0.63523	0.87673	0.62072	1.90035	0.72073	-0.42817	-0.05622	-0.4772	0.96719	0.19008
330	728	1.66156	-0.44454	2.01555	0.62072	0.77616	0.72073	0.7043	-1.13633	0.66122	0.04304	-0.9112
331	206	1.66156	0.63523	2.01555	0.62072	0.77616	0.72073	0.7043	2.10398	0.66122	0.96719	-0.9112
332	188	1.66156	1.71499	0.87673	0.62072	0.77616	1.78149	1.83677	2.10398	1.79963	1.89133	-0.9112
333	546	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	0.7043	-0.05622	0.66122	0.04304	-0.9112
334	626	1.66156	0.63523	-0.26208	-0.54713	0.77616	0.72073	0.7043	-0.05622	1.79963	0.96719	0.19008
335	523	0.50417	-0.44454	0.87673	0.62072	1.90035	1.78149	-0.42817	1.02388	0.66122	0.96719	0.19008
336	189	0.50417	-0.44454	0.87673	1.78857	0.77616	0.72073	1.83677	1.02388	0.66122	1.89133	0.19008
337	88	0.50417	1.71499	0.87673	1.78857	0.77616	0.72073	0.7043	1.02388	0.66122	1.89133	1.29137
338	464	0.50417	0.63523	0.87673	0.62072	0.77616	0.72073	1.83677	-1.13633	0.66122	-0.8811	-0.9112
339	622	0.50417	0.63523	-0.26208	0.62072	0.77616	0.72073	0.7043	1.02388	0.66122	0.96719	-0.9112
340	578	0.50417	1.71499	0.87673	0.62072	1.90035	-0.34002	0.7043	-0.05622	0.66122	0.96719	-0.9112
341	482	1.66156	-0.44454	0.87673	1.78857	-0.34804	-0.34002	0.7043	1.02388	1.79963	0.04304	-0.9112
342	312	0.50417	0.63523	2.01555	0.62072	0.77616	-0.34002	-0.42817	1.02388	1.79963	1.89133	-0.9112
343	605	1.66156	1.71499	0.87673	1.78857	1.90035	0.72073	-0.42817	-0.05622	0.66122	-0.8811	-0.9112
344	604	0.50417	1.71499	0.87673	1.78857	1.90035	1.78149	-0.42817	1.02388	1.79963	0.04304	-0.9112
345	612	0.50417	1.71499	0.87673	0.62072	-0.34804	0.72073	1.83677	-0.05622	0.66122	0.96719	0.19008
346	611	-0.65321	-2.60407	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-1.61562	1.89133	-0.9112
347	84	-1.81059	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	-0.4772	-0.8811	1.29137
348	387	0.50417	-1.5243	-0.26208	-1.71498	-0.34804	0.72073	-0.42817	-1.13633	0.66122	-1.80525	-0.9112
349	380	0.50417	0.63523	-0.26208	-0.54713	-0.34804	-0.34002	-1.56063	-0.05622	-0.4772	-0.8811	1.29137
350	693	0.50417	-1.5243	-0.26208	-0.54713	-0.34804	-0.34002	-0.42817	-0.05622	0.66122	1.89133	-0.9112
351	370	-0.65321	0.63523	-0.26208	0.62072	0.77616	-0.34002	0.7043	-0.05622	0.66122	0.04304	-0.9112
352	686	0.50417	-0.44454	-0.26208	0.62072	0.77616	1.78149	0.7043	-1.13633	-0.4772	0.96719	0.19008
353	669	0.50417	0.63523	-0.26208	-0.54713	0.77616	-0.34002	0.7043	-0.05622	-0.4772	-0.8811	-0.9112
354	248	0.50417	-0.44454	0.87673	-0.54713	0.77616	0.72073	0.7043	1.02388	-0.4772	0.96719	0.19008
355	21	0.50417	-0.44454	-0.26208	0.62072	0.77616	-0.34002	0.7043	-0.05622	0.66122	0.96719	0.19008
356	705	1.66156	1.71499	2.01555	0.62072	-0.34804	1.78149	0.7043	2.10398	1.79963	0.96719	-0.9112
357	98	0.50417	-1.5243	-0.26208	0.62072	0.77616	0.72073	0.7043	-0.05622	0.66122	0.96719	-0.9112
358	670	-0.65321	0.63523	-1.4009	-0.54713	1.90035	-1.40078	-0.42817	-2.21643	0.66122	0.96719	-0.9112
359	401	1.66156	1.71499	0.87673	0.62072	0.77616	-0.34002	0.7043	1.02388	0.66122	-0.8811	-0.9112
360	673	0.50417	0.63523	0.87673	-0.54713	0.77616	-1.40078	0.7043	-0.05622	-0.4772	-0.8811	-0.9112
361	115	-0.65321	-1.5243	-1.4009	-1.71498	-2.59643	-2.46154	-2.6931	-2.21643	-0.4772	0.04304	-0.9112
362	69	-1.81059	0.63523	-0.26208	-0.54713	0.77616	-1.40078	-0.42817	1.02388	0.66122	0.04304	0.19008
363	449	-2.96797	-1.5243	-0.26208	0.62072	0.77616	-1.40078	0.7043	2.10398	-2.75403	0.96719	2.39265
364	559	1.66156	-0.44454	-0.26208	1.78857	-1.47223	-1.40078	-1.56063	-0.05622	1.79963	0.96719	0.19008
365	279	-0.65321	0.63523	0.87673	0.62072	-0.34804	-0.34002	0.7043	-0.05622	0.66122	0.96719	-0.9112

Appendix 4.4

Normality assessment results (EFA Stage, N=344)

Figure A
Histograms of normality
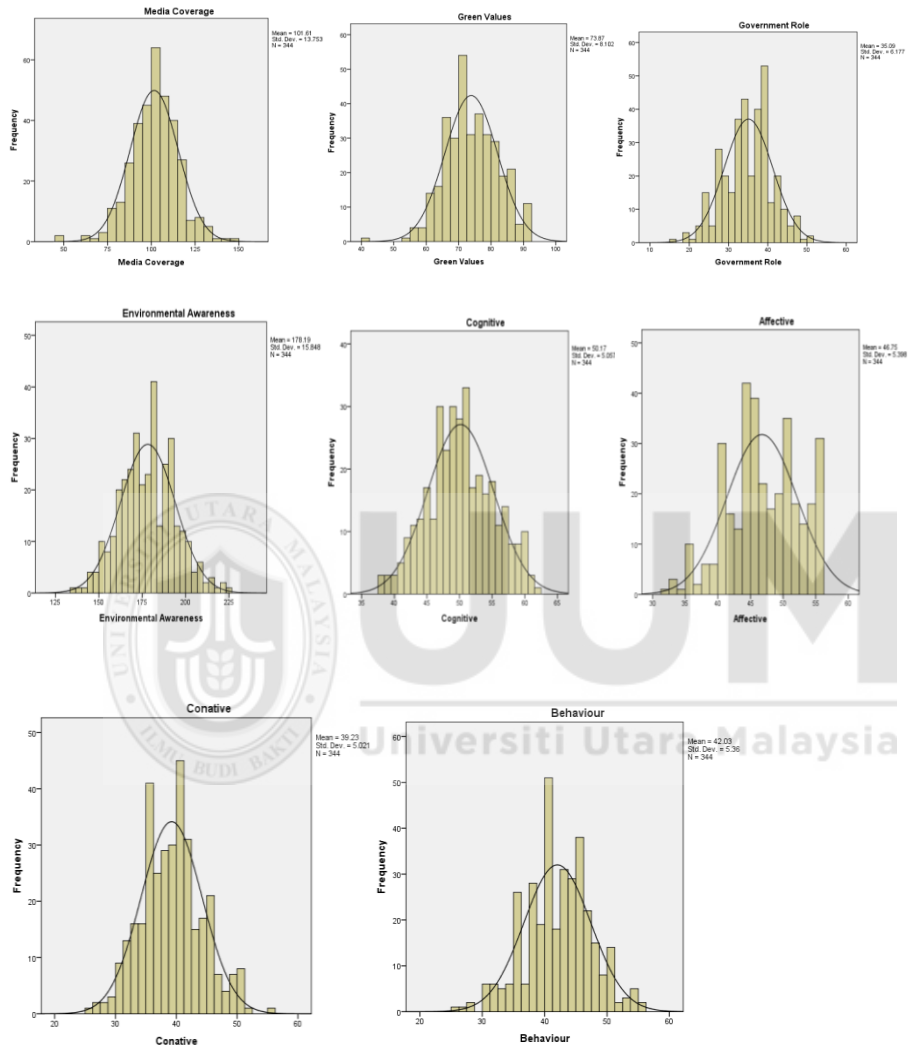
Figure B
Normal Q-Q plots
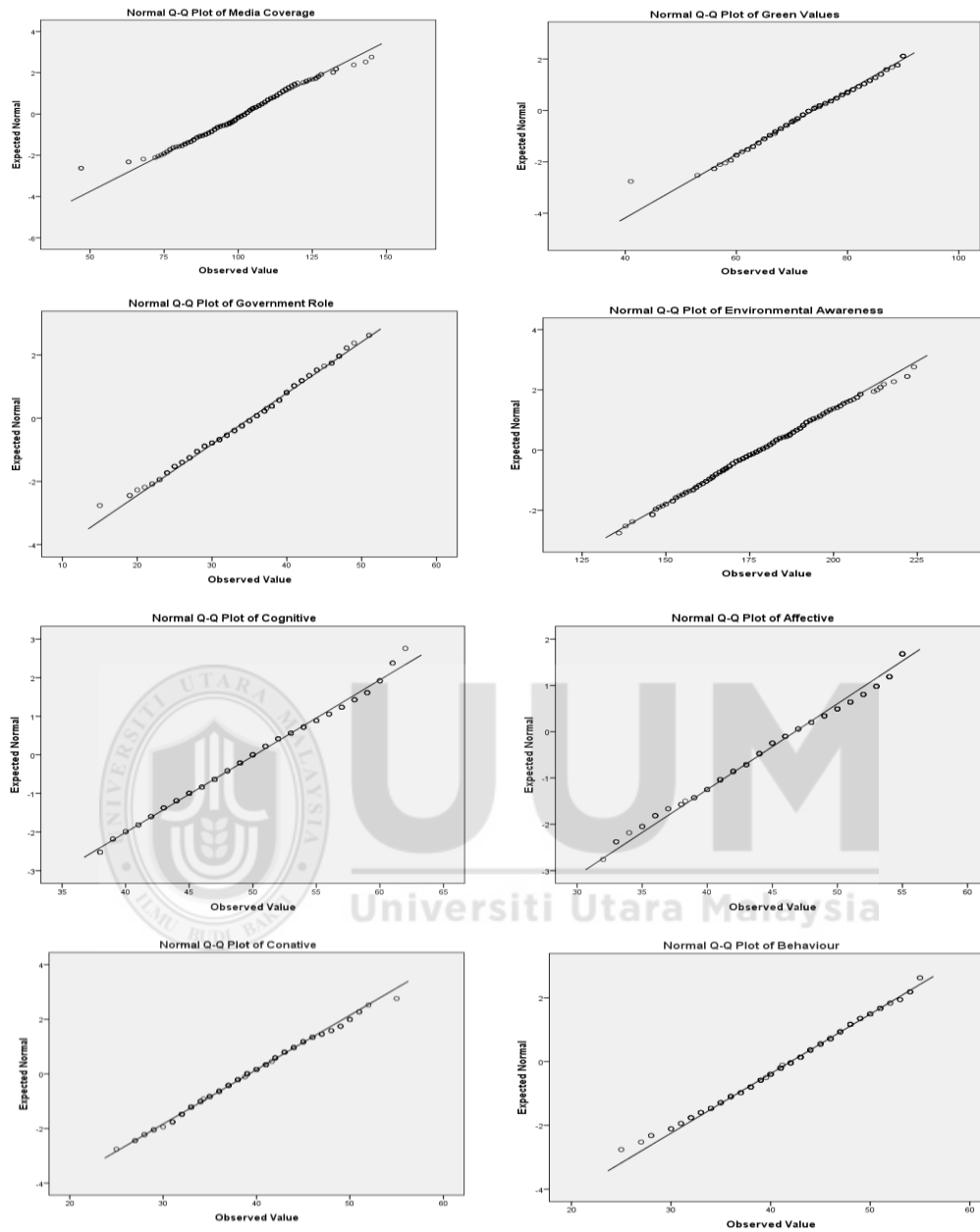
Appendix 4.5
Linearity assessment results (EFA stage, N=344)
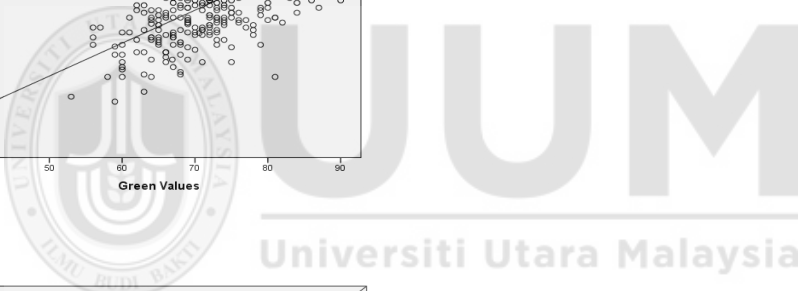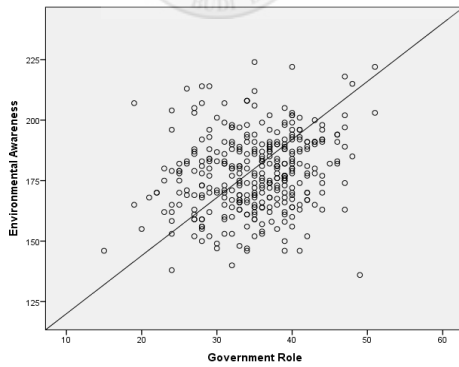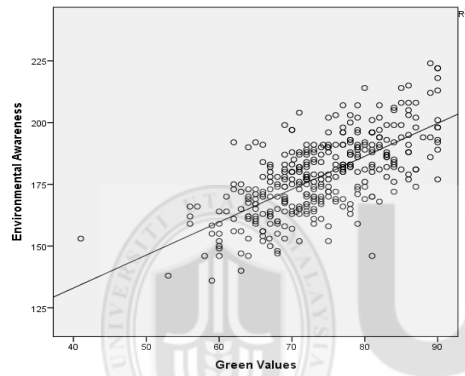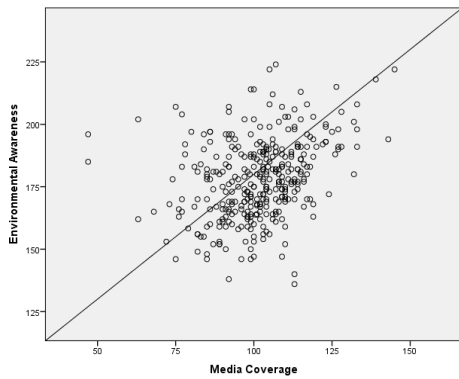
Appendix 4.6

Outliers detection results (PLS stage, N=365)

Table A
Chi-square (X^2) = 154.3140

No	Case id	MAH	No	Case id	MAH
1	1	76.77817	38	59	79.3832
2	3	101.2216	39	61	179.1254
3	4	101.4177	40	62	58.06234
4	5	79.97664	41	65	149.8481
5	6	56.14899	42	70	128.0449
6	8	117.3752	43	72	93.26995
7	9	76.67768	44	73	151.8846
8	11	62.98049	45	77	189.39
9	12	69.73748	46	79	88.31719
10	13	40.29636	47	81	103.5221
11	14	84.10826	48	85	142.0926
12	15	65.84998	49	90	107.3554
13	16	88.07443	50	93	79.94608
14	21	96.48902	51	94	146.9265
15	23	143.7948	52	95	184.415
16	24	88.05171	53	96	123.9481
17	25	120.8576	54	99	84.38151
18	27	96.69845	55	101	130.446
19	29	110.6993	56	108	50.87469
20	31	119.1141	57	109	46.68812
21	32	125.0235	58	110	71.79922
22	33	105.8297	59	111	86.43223
23	35	89.22621	60	112	96.19977
24	37	73.46741	61	114	88.10043
25	39	59.11623	62	116	102.7607
26	41	110.1663	63	117	139.8247
27	42	77.00822	64	118	112.7819
28	44	120.3042	65	121	143.2425
29	46	105.2758	66	122	86.35396
30	48	62.78367	67	124	103.0107
31	49	111.856	68	125	128.9106
32	51	76.41533	69	126	135.9154
33	53	136.7852	70	130	84.71425
34	54	125.6832	71	137	114.4918
35	55	50.20066	72	140	145.258
36	57	69.86612	73	141	101.079
37	58	66.60627	74	142	126.8431
			75	147	189.1324

No	case id	MAH	No.	case id	MAH
76	153	90.56668	119	227	151.7045
77	155	71.71788	120	230	152.9652
78	156	90.61393	121	231	124.079
79	160	82.58394	122	233	123.5283
80	161	177.4079	123	237	69.00783
81	163	89.51269	124	239	113.3268
82	164	117.3066	125	241	131.5727
83	166	79.965	126	244	51.95153
84	167	92.92458	127	247	46.62021
85	169	79.0704	128	248	83.49961
86	170	156.7636	129	251	101.2811
87	171	140.931	130	252	107.7799
88	172	157.5035	131	254	109.191
89	174	63.10873	132	257	36.00339
90	175	129.4248	133	259	46.67497
91	177	110.8461	134	262	75.22142
92	178	46.94863	135	264	80.20177
93	179	129.2255	136	266	113.3576
94	180	157.8827	137	267	96.94622
95	183	98.18231	138	268	134.1147
96	186	103.701	139	271	116.6158
97	188	56.88333	140	275	171.1826
98	194	113.3185	141	278	127.273
99	195	156.3837	142	279	102.2939
100	198	98.56102	143	280	104.0361
101	199	105.7701	144	282	108.2434
102	200	54.60248	145	283	169.2345
103	201	119.1246	146	285	104.0899
104	206	87.07872	147	288	187.9043
105	207	78.75473	148	294	74.11063
106	208	82.94758	149	295	94.73172
107	209	183.5936	150	296	58.97561
108	210	94.26309	151	297	140.3808
109	211	86.73421	152	298	105.5169
110	212	125.5532	153	301	164.7466
111	214	94.373	154	304	62.45157
112	216	69.09975	155	305	95.15352
113	217	69.09975	156	306	188.7044
114	220	111.0814	157	310	103.6532
115	221	101.209	158	311	131.2432
116	222	131.2184	159	312	103.2072
117	223	154.4234	160	313	84.82953
118	225	74.04977	161	314	102.0076

No.	case id	MAH
262	540	61.94053
263	541	92.93053
264	542	81.538
265	546	57.35601
266	547	88.57477
267	548	106.7205
268	550	136.2077
269	552	65.16293
270	553	103.9216
271	555	95.77826
272	556	131.1665
273	557	84.9914
274	559	182.6903
275	560	106.1279
276	561	102.1395
277	562	157.0167
278	563	110.0519
279	565	94.2562
280	573	74.30276
281	574	84.53473
282	578	136.8955
283	579	135.3432
284	582	142.0965
285	583	90.83225
286	586	80.72343
287	588	127.8542
288	590	81.29122
289	591	27.62577
290	595	64.35804
291	600	108.542
292	601	120.8456
293	603	54.8604
294	604	94.45757
295	605	69.60223
296	610	46.59003
297	611	128.4307
298	612	123.9593
299	616	79.07638
300	618	87.18552
301	621	79.20922
302	622	96.26117
303	624	77.02104
304	626	137.9475
305	627	100.5159
306	628	45.53423
307	631	197.3911
308	632	127.0913
309	633	113.8321

No	case id	MAH
310	634	39.66133
311	638	76.57703
312	640	160.7151
313	643	83.14882
314	645	85.30833
315	646	120.8812
316	648	90.89723
317	653	106.7502
318	655	128.6255
319	657	84.98014
320	658	150.7002
321	659	45.08991
322	663	108.4286
323	665	96.33701
324	667	94.12575
325	668	115.3856
326	670	191.3932
327	671	98.01458
328	672	109.4327
329	676	120.4918
330	677	78.21576
331	678	101.5853
332	679	129.6032
333	680	99.70907
334	681	83.07833
335	683	101.2373
336	684	78.8045
337	685	118.8305
338	687	23.88025
339	690	47.32124
340	691	106.2471
341	693	96.72868
342	694	62.96819
343	696	73.93776
344	697	147.0617
345	702	93.55706
346	704	47.48709
347	705	128.7701
348	706	106.8354
349	709	89.46642
350	710	158.5877
351	712	136.9812
352	713	75.24146
353	715	67.89424
354	716	140.9981
355	717	108.7044
356	718	110.0243
357	720	115.289
358	721	129.6439
359	722	138.837
360	723	86.40742
361	725	70.38539
362	727	137.4444
363	728	100.9585
364	729	95.63654
365	730	132.1465

Table B
Univariate outliers detection for government role using Z-score

No	Case id	ZGov1	ZGov2	ZGov3	ZGov4	ZGov5	ZGov6	ZGov7	ZGov8	ZGov9	ZGov10	ZRcov11
1	1	0.54713	-0.36373	-0.24324	0.61558	-0.38201	-0.31409	0.75926	-0.0573	0.6389	-0.92297	-0.95815
2	3	0.54713	-0.36373	-0.24324	-0.50785	1.86694	0.71872	0.75926	0.98836	0.6389	-0.00503	0.2115
3	4	0.54713	-0.36373	-1.31291	0.61558	-0.38201	0.71872	0.75926	-0.0573	0.6389	-0.92297	0.2115
4	5	1.71498	1.75587	1.89611	1.739	1.86694	1.75152	1.87673	2.03403	1.74938	1.83085	-0.95815
5	6	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
6	8	-0.62072	-0.36373	0.82643	-0.50785	0.74246	-0.31409	0.75926	0.98836	1.74938	1.83085	0.2115
7	9	0.54713	-1.42353	-1.31291	0.61558	-1.50649	-0.31409	-0.3582	-1.10296	0.6389	0.91291	0.2115
8	11	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.92297	2.5508
9	12	-0.62072	-1.42353	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	0.91291	0.2115
10	13	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
11	14	-1.78857	-1.42353	-1.31291	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.92297	0.2115
12	15	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	-0.0573	0.6389	-0.00503	0.2115
13	16	-0.62072	-0.36373	-0.24324	0.61558	0.74246	0.71872	0.75926	-0.0573	-0.47157	-0.00503	-0.95815
14	21	0.54713	-0.36373	-0.24324	0.61558	0.74246	-0.31409	0.75926	-0.0573	0.6389	0.91291	0.2115
15	23	-1.78857	-1.42353	-1.31291	-0.50785	-0.38201	-0.31409	-0.3582	-2.14862	-1.58205	-1.84091	-0.95815
16	24	0.54713	0.69607	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-1.10296	-1.58205	-0.92297	2.5508
17	25	0.54713	0.69607	-1.31291	-0.50785	-0.38201	-1.34689	-0.3582	-1.10296	-0.47157	-0.00503	-0.95815
18	27	0.54713	0.69607	-0.24324	0.61558	-0.38201	1.75152	0.75926	-1.10296	0.6389	-0.92297	-0.95815
19	29	-0.62072	0.69607	-1.31291	0.61558	-0.38201	-0.31409	-0.3582	-1.10296	-1.58205	-0.92297	-0.95815
20	31	-0.62072	0.69607	-0.24324	0.61558	-1.50649	-0.31409	0.75926	-1.10296	-0.47157	-0.92297	0.2115
21	32	-0.62072	-1.42353	-1.31291	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	0.6389	-0.92297	-0.95815
22	33	0.54713	-0.07758	-0.24324	0.61558	-0.38201	0.71872	-0.3582	-0.0573	0.6389	0.91291	0.2115
23	35	0.54713	-0.36373	-0.24324	0.61558	0.74246	-0.31409	0.75926	-0.0573	-0.47157	-0.00503	-0.95815
24	37	0.54713	-1.42353	0.82643	-1.63128	-1.50649	0.71872	0.75926	0.98836	1.74938	1.83085	-0.95815
25	39	0.54713	-1.42353	-0.24324	0.61558	0.74246	-0.31409	0.75926	-1.10296	-0.47157	-0.00503	0.2115
26	41	1.71498	0.69607	-0.24324	1.739	1.86694	0.71872	0.75926	0.98836	-0.47157	-0.92297	-0.95815
27	42	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	1.74938	0.91291	0.2115
28	44	0.54713	-0.36373	0.82643	-0.50785	0.74246	-0.31409	0.75926	-0.0573	0.6389	-0.00503	0.2115
29	46	0.54713	-0.36373	-0.24324	-0.50785	0.74246	0.71872	0.75926	-0.0573	-0.47157	-0.00503	0.2115
30	48	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
31	49	0.54713	-0.36373	0.82643	1.739	-0.38201	-0.31409	-0.3582	-0.0573	0.6389	0.91291	-0.95815
32	51	0.54713	-0.36373	-0.24324	-0.50785	0.74246	0.71872	0.75926	-0.0573	-0.47157	-0.00503	0.2115
33	53	-0.62072	0.69607	0.82643	0.61558	0.74246	0.71872	-0.3582	-1.10296	-1.58205	-0.00503	2.5508
34	54	1.71498	1.75587	-0.24324	-0.50785	1.86694	0.71872	1.87673	-0.0573	1.74938	0.91291	-0.95815
35	55	-1.78857	-1.42353	-1.31291	-1.63128	-1.50649	-1.34689	-1.47567	-1.10296	-1.58205	-0.92297	0.2115
36	57	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-1.47567	-0.0573	-0.47157	-0.00503	1.38115
37	58	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	-0.00503	-0.95815
38	59	0.54713	0.69607	0.82643	1.739	1.86694	1.75152	0.75926	0.98836	1.74938	1.83085	-0.95815
39	61	-0.62072	0.69607	-1.31291	-1.63128	-1.50649	-2.3797	-2.59313	-1.10296	0.6389	-1.84091	-0.95815

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40	62	0.54713	0.69607	0.82643	0.61558	0.74246	1.75152	0.75926	0.98836	1.74938	0.91291	0.2115
41	65	-0.62072	-1.42353	-0.24324	0.61558	-1.50649	0.71872	-0.3582	-0.0573	-0.47157	-1.84091	0.2115
42	70	1.71498	-0.36373	0.82643	0.61558	1.86694	1.75152	0.75926	0.98836	0.6389	-0.00503	-0.95815
43	72	0.54713	0.69607	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	0.98836	0.6389	-0.92297	0.2115
44	73	-1.78857	-1.42353	-2.38259	-1.63128	-0.38201	-1.34689	-1.47567	-0.0573	-1.58205	-0.92297	1.38115
45	77	-1.78857	-0.36373	0.82643	-1.63128	-0.38201	0.71872	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
46	79	0.54713	0.69607	-1.31291	-0.50785	-1.50649	-1.34689	-1.47567	-1.10296	-1.58205	-0.92297	2.5508
47	81	0.54713	-0.36373	0.82643	0.61558	0.74246	0.71872	0.75926	-0.0573	0.6389	-0.00503	0.2115
48	85	-0.62072	-1.42353	-1.31291	0.61558	-1.50649	-1.34689	-0.3582	-1.10296	-1.58205	-1.84091	2.5508
49	90	0.54713	0.69607	1.89611	0.61558	0.74246	0.71872	0.75926	0.98836	1.74938	0.91291	0.2115
50	93	1.71498	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
51	94	1.71498	0.69607	-0.24324	-0.50785	-0.38201	0.71872	0.75926	-0.0573	1.74938	1.83085	0.2115
52	95	-1.78857	-0.36373	-0.24324	-0.50785	0.74246	1.75152	-0.3582	-0.0573	0.6389	0.91291	0.2115
53	96	-0.62072	-0.36373	0.82643	-0.50785	0.74246	-0.31409	-1.47567	-1.10296	-0.47157	-0.92297	-0.95815
54	99	0.54713	0.69607	0.82643	0.61558	0.74246	1.75152	1.87673	0.98836	0.6389	1.83085	-0.95815
55	101	1.71498	1.75587	1.89611	-0.50785	-1.50649	-0.31409	0.75926	-0.0573	1.74938	0.91291	-0.95815
56	108	1.71498	1.75587	1.89611	1.739	1.86694	1.75152	1.87673	2.03403	1.74938	1.83085	-0.95815
57	109	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	-0.0573	0.6389	-0.00503	0.2115
58	110	-0.62072	-0.36373	0.82643	0.61558	0.74246	-1.34689	-0.3582	0.98836	-0.47157	-0.00503	0.2115
59	111	-0.62072	-0.36373	0.82643	-0.50785	-0.38201	0.71872	-0.3582	-0.0573	0.6389	0.91291	0.2115
60	112	-0.62072	-0.36373	-0.24324	0.61558	-1.50649	-1.34689	-1.47567	-0.0573	-0.47157	-0.92297	0.2115
61	114	-1.78857	-0.36373	-1.31291	-0.50785	-0.38201	-1.34689	-0.3582	-0.0573	-0.47157	-0.92297	-0.95815
62	116	-0.62072	-0.36373	-0.24324	0.61558	0.74246	-0.31409	0.75926	-0.0573	-0.47157	0.91291	-0.95815
63	117	1.71498	1.75587	0.82643	1.739	-0.38201	0.71872	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
64	118	0.54713	0.69607	-0.24324	-0.50785	0.74246	-0.31409	-0.3582	-0.0573	0.6389	0.91291	-0.95815
65	121	0.54713	-0.36373	-0.24324	0.61558	-0.38201	-1.34689	-1.47567	-0.0573	0.6389	-0.00503	-0.95815
66	122	-0.62072	-0.36373	-0.24324	0.61558	-0.38201	0.71872	0.75926	0.98836	-0.47157	-0.00503	-0.95815
67	124	0.54713	1.75587	0.82643	1.739	0.74246	-0.31409	0.75926	-0.0573	0.6389	-0.00503	-0.95815
68	125	-0.62072	-1.42353	-0.24324	1.739	1.86694	1.75152	-0.3582	-1.10296	0.6389	-0.92297	-0.95815
69	126	0.54713	-0.36373	-0.24324	0.61558	-0.38201	1.75152	-0.3582	0.98836	-0.47157	-0.92297	-0.95815
70	130	0.54713	-0.36373	0.82643	0.61558	0.74246	0.71872	0.75926	-0.0573	-0.47157	0.91291	0.2115
71	137	0.54713	0.69607	-0.24324	-1.63128	-0.38201	-1.34689	-0.3582	-1.10296	0.6389	-0.92297	1.38115
72	140	-0.62072	-0.36373	0.82643	0.61558	1.86694	0.71872	1.87673	2.03403	0.6389	-0.00503	0.2115
73	141	0.54713	0.69607	1.89611	1.739	0.74246	0.71872	1.87673	0.98836	-0.47157	0.91291	0.2115
74	142	-1.78857	-1.42353	-1.31291	-0.50785	-1.50649	-1.34689	-1.47567	-1.10296	-1.58205	-0.00503	2.5508
75	147	-0.62072	-0.36373	0.82643	-0.50785	-0.38201	1.75152	-0.3582	-0.0573	-1.58205	-0.00503	1.38115
76	153	0.54713	-1.42353	-1.31291	-1.63128	-1.50649	-1.34689	-1.47567	-1.10296	-0.47157	-0.00503	1.38115
77	155	-0.62072	0.69607	0.82643	-0.50785	0.74246	-0.31409	-0.3582	0.98836	0.6389	-0.00503	1.38115
78	156	0.54713	-0.36373	0.82643	0.61558	0.74246	0.71872	-0.3582	0.98836	-0.47157	0.91291	0.2115
79	160	0.54713	-0.36373	0.82643	0.61558	0.74246	1.75152	1.87673	0.98836	1.74938	0.91291	-0.95815
80	161	-1.78857	-1.42353	-1.31291	0.61558	-2.63096	-2.3797	-2.59313	-1.10296	-1.58205	0.91291	-0.95815
81	163	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	0.71872	-0.3582	-1.10296	-0.47157	-0.92297	0.2115
82	164	0.54713	1.75587	0.82643	1.739	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
83	166	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-1.34689	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
84	167	0.54713	1.75587	0.82643	0.61558	1.86694	1.75152	0.75926	0.98836	0.6389	-0.92297	-0.95815

85	169	-1.78857	-1.42353	-1.31291	-1.63128	-1.50649	-1.34689	-1.47567	-1.10296	-1.58205	-0.92297	2.5508
86	170	0.54713	-0.36373	-0.24324	-1.63128	0.74246	-0.31409	0.75926	-0.0573	-0.47157	0.91291	-0.95815
87	171	0.54713	-1.42353	-1.31291	0.61558	-1.50649	-1.34689	-1.47567	-1.10296	0.6389	-0.92297	0.2115
88	172	-1.78857	-1.42353	-1.31291	-1.63128	-1.50649	-1.34689	-1.47567	-1.10296	-1.58205	-0.92297	2.5508
89	174	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-1.10296	-0.47157	-0.92297	0.2115
90	175	-0.62072	0.69607	-0.24324	-0.50785	0.74246	-1.34689	-0.3582	0.98836	-0.47157	-0.00503	1.38115
91	177	0.54713	-0.36373	0.82643	0.61558	0.74246	1.75152	0.75926	0.98836	-0.47157	1.83085	-0.95815
92	178	0.54713	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
93	179	-0.62072	-0.36373	-1.31291	-0.50785	-0.38201	-1.34689	-0.3582	-0.0573	-0.47157	0.91291	0.2115
94	180	1.71498	-2.48333	-2.38259	-2.7547	-2.63096	-2.3797	-2.59313	-2.14862	-2.69252	-1.84091	-0.95815
95	183	1.71498	0.69607	1.89611	0.61558	0.74246	1.75152	0.75926	0.98836	-0.47157	0.91291	0.2115
96	186	0.54713	-0.36373	-0.24324	0.61558	-0.38201	-0.31409	-0.3582	0.98836	-0.47157	-0.92297	0.2115
97	188	1.71498	1.75587	0.82643	0.61558	0.74246	1.75152	1.87673	2.03403	1.74938	1.83085	-0.95815
98	194	-0.62072	0.69607	-1.31291	0.61558	0.74246	-1.34689	-1.47567	-0.0573	-1.58205	-0.92297	-0.95815
99	195	1.71498	-0.36373	-1.31291	-0.50785	0.74246	-0.31409	-1.47567	-2.14862	0.6389	-1.84091	-0.95815
100	198	-0.62072	-0.36373	-0.24324	0.61558	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	0.2115
101	199	-1.78857	-1.42353	0.82643	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
102	200	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
103	201	-0.62072	-0.36373	-1.31291	-0.50785	-1.50649	-0.31409	-0.3582	-1.10296	-0.47157	-0.00503	-0.95815
104	206	1.71498	0.69607	1.89611	0.61558	0.74246	0.71872	0.75926	2.03403	0.6389	0.91291	-0.95815
105	207	-1.78857	0.69607	-0.24324	-0.50785	-1.50649	-1.34689	0.75926	-0.0573	0.6389	0.91291	-0.95815
106	208	0.54713	0.69607	0.82643	0.61558	0.74246	1.75152	0.75926	2.03403	0.6389	1.83085	0.2115
107	209	-0.62072	-0.36373	0.82643	-1.63128	0.74246	-1.34689	-0.3582	0.98836	-1.58205	-1.84091	1.38115
108	210	0.54713	1.75587	0.82643	1.739	0.74246	1.75152	1.87673	2.03403	0.6389	0.91291	0.2115
109	211	-0.62072	0.69607	-0.24324	0.61558	-0.38201	-1.34689	0.75926	-0.0573	0.6389	-0.00503	-0.95815
110	212	0.54713	0.69607	0.82643	-0.50785	-1.50649	-0.31409	0.75926	0.98836	0.6389	-0.00503	0.2115
111	214	-0.62072	0.69607	-0.24324	0.61558	-0.38201	0.71872	-0.3582	0.98836	-0.47157	0.91291	1.38115
112	216	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-1.34689	-1.47567	-0.0573	-0.47157	-0.92297	-0.95815
113	217	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-1.34689	-1.47567	-0.0573	-0.47157	-0.92297	-0.95815
114	220	-0.62072	-0.36373	-1.31291	-1.63128	-1.50649	-1.34689	-2.59313	-2.14862	0.6389	-0.92297	-0.95815
115	221	0.54713	-0.36373	0.82643	-0.50785	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
116	222	-1.78857	0.69607	0.82643	1.739	-1.50649	0.71872	0.75926	-0.0573	0.6389	-0.92297	1.38115
117	223	0.54713	1.75587	0.82643	1.739	0.74246	-0.31409	-1.47567	-0.0573	-1.58205	-1.84091	2.5508
118	225	-0.62072	-0.36373	-0.24324	-1.63128	-0.38201	-0.31409	-0.3582	-1.10296	-0.47157	-0.92297	0.2115
119	227	0.54713	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-1.10296	-1.58205	-0.92297	-0.95815
120	230	-1.78857	-1.42353	-1.31291	-0.50785	-1.50649	-1.34689	0.75926	-2.14862	0.6389	-1.84091	-0.95815
121	231	-1.78857	-0.36373	-0.24324	1.739	-1.50649	-0.31409	-0.3582	-1.10296	0.6389	-0.92297	2.5508
122	233	-0.62072	-0.36373	-0.24324	0.61558	0.74246	-0.31409	0.75926	-0.0573	0.6389	0.91291	-0.95815
123	237	0.54713	-0.36373	-0.24324	0.61558	-0.38201	-1.34689	0.75926	-0.0573	0.6389	-0.92297	-0.95815
124	239	0.54713	-0.36373	0.82643	-0.50785	0.74246	-0.31409	-0.3582	-1.10296	-0.47157	0.91291	0.2115
125	241	-0.62072	-0.36373	-1.31291	0.61558	0.74246	0.71872	-0.3582	-0.0573	-0.47157	-0.92297	-0.95815
126	244	0.54713	0.69607	0.82643	0.61558	-0.38201	-0.31409	0.75926	0.98836	0.6389	-0.00503	1.38115
127	247	0.54713	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	0.75926	-0.0573	0.6389	-0.92297	0.2115
128	248	0.54713	-0.36373	0.82643	-0.50785	0.74246	0.71872	0.75926	0.98836	-0.47157	0.91291	0.2115
129	251	-0.62072	0.69607	0.82643	0.61558	-0.38201	0.71872	0.75926	0.98836	0.6389	-0.00503	0.2115

130	252	0.54713	0.69607	-0.24324	-0.50785	0.74246	0.71872	-0.3582	-0.0573	0.6389	-0.00503	-0.95815
131	254	0.54713	0.69607	0.82643	0.61558	1.86694	1.75152	1.87673	-0.0573	0.6389	-0.00503	1.38115
132	257	0.54713	0.69607	0.82643	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
133	259	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
134	262	1.71498	1.75587	1.89611	1.739	0.74246	0.71872	0.75926	2.03403	0.6389	0.91291	-0.95815
135	264	-0.62072	-0.36373	-0.24324	-1.63128	-1.50649	-1.34689	0.75926	-0.0573	-0.47157	0.91291	0.2115
136	266	-0.62072	-0.36373	-1.31291	-1.63128	-1.50649	-1.34689	-1.47567	-1.10296	-0.47157	-0.92297	0.2115
137	267	0.54713	1.75587	1.89611	1.739	0.74246	0.71872	1.87673	0.98836	1.74938	1.83085	-0.95815
138	268	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-1.47567	-0.0573	-1.58205	-0.92297	0.2115
139	271	0.54713	-1.42353	-0.24324	-0.50785	-1.50649	-0.31409	0.75926	-0.0573	-0.47157	0.91291	0.2115
140	275	0.54713	-0.36373	-0.24324	-1.63128	-0.38201	-1.34689	0.75926	-1.10296	-0.47157	1.83085	2.5508
141	278	-2.95642	-2.48333	-1.31291	0.61558	0.74246	-0.31409	-0.3582	-2.14862	0.6389	-0.92297	-0.95815
142	279	-0.62072	0.69607	0.82643	0.61558	-0.38201	-0.31409	0.75926	-0.0573	0.6389	0.91291	-0.95815
143	280	0.54713	0.69607	-0.24324	0.61558	-1.50649	0.71872	0.75926	0.98836	0.6389	-0.92297	-0.95815
144	282	-0.62072	-0.36373	-0.24324	0.61558	-0.38201	0.71872	-0.3582	-1.10296	-0.47157	-0.92297	0.2115
145	283	0.54713	-1.42353	-1.31291	-1.63128	-1.50649	-1.34689	-1.47567	-2.14862	0.6389	-0.00503	-0.95815
146	285	-0.62072	0.69607	0.82643	0.61558	-0.38201	-1.34689	-0.3582	-0.0573	0.6389	-0.92297	0.2115
147	288	0.54713	0.69607	-0.24324	-1.63128	-1.50649	-2.3797	0.75926	-0.0573	1.74938	-1.84091	0.2115
148	294	0.54713	0.69607	0.82643	-0.50785	-0.38201	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
149	295	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	-0.00503	0.2115
150	296	0.54713	-0.36373	-0.24324	-0.50785	0.74246	0.71872	0.75926	-0.0573	0.6389	-0.00503	0.2115
151	297	0.54713	-1.42353	-1.31291	-1.63128	-0.38201	0.71872	0.75926	-2.14862	-0.47157	-0.92297	-0.95815
152	298	-0.62072	-0.36373	-1.31291	-1.63128	-0.38201	-0.31409	-0.3582	-0.0573	-1.58205	-0.92297	1.38115
153	301	0.54713	-2.48333	-1.31291	-0.50785	-1.50649	-1.34689	-1.47567	-2.14862	-1.58205	-1.84091	-0.95815
154	304	-0.62072	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
155	305	-0.62072	-0.36373	-1.31291	-0.50785	-0.38201	0.71872	-0.3582	-1.10296	-0.47157	-1.84091	-0.95815
156	306	-1.78857	0.69607	0.82643	-0.50785	-1.50649	0.71872	-1.47567	0.98836	-0.47157	-0.00503	1.38115
157	310	0.54713	1.75587	-0.24324	-0.50785	-0.38201	0.71872	1.87673	2.03403	1.74938	1.83085	-0.95815
158	311	-0.62072	0.69607	0.82643	0.61558	-0.38201	0.71872	0.75926	-0.0573	0.6389	1.83085	-0.95815
159	312	0.54713	0.69607	1.89611	0.61558	0.74246	-0.31409	-0.3582	0.98836	1.74938	1.83085	-0.95815
160	313	-0.62072	-1.42353	-0.24324	-1.63128	-1.50649	-0.31409	-0.3582	-0.0573	0.6389	-0.00503	0.2115
161	314	0.54713	0.69607	0.82643	0.61558	-0.38201	-0.31409	0.75926	0.98836	-0.47157	0.91291	0.2115
162	320	0.54713	-0.36373	1.89611	0.61558	0.74246	0.71872	0.75926	-0.0573	0.6389	0.91291	-0.95815
163	322	1.71498	1.75587	0.82643	1.739	0.74246	0.71872	-0.3582	0.98836	1.74938	0.91291	-0.95815
164	323	0.54713	0.69607	1.89611	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
165	332	1.71498	-0.36373	-0.24324	-0.50785	0.74246	1.75152	1.87673	2.03403	0.6389	-0.00503	-0.95815
166	335	0.54713	0.69607	-0.24324	0.61558	0.74246	-0.31409	0.75926	-0.0573	0.6389	-0.00503	-0.95815
167	337	-0.62072	0.69607	-0.24324	-0.50785	0.74246	0.71872	0.75926	-0.0573	-0.47157	0.91291	1.38115
168	339	-0.62072	-1.42353	1.89611	0.61558	0.74246	0.71872	-0.3582	-0.0573	-0.47157	-0.00503	-0.95815
169	340	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	-0.47157	0.91291	1.38115
170	341	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
171	342	-0.62072	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	-0.0573	0.6389	-0.00503	0.2115
172	345	0.54713	0.69607	0.82643	0.61558	0.74246	-0.31409	-0.3582	-0.0573	0.6389	0.91291	0.2115
173	347	1.71498	1.75587	-0.24324	0.61558	-0.38201	0.71872	-0.3582	0.98836	0.6389	0.91291	-0.95815
174	349	0.54713	-1.42353	-1.31291	-0.50785	-1.50649	0.71872	0.75926	-2.14862	0.6389	-0.92297	-0.95815

175	352	-0.62072	0.69607	-0.24324	-0.50785	-0.38201	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
176	355	1.71498	1.75587	0.82643	0.61558	1.86694	1.75152	0.75926	0.98836	1.74938	1.83085	-0.95815
177	356	-0.62072	-1.42353	-0.24324	0.61558	-0.38201	-0.31409	-0.3582	-0.0573	-1.58205	-0.00503	0.2115
178	360	-1.78857	-0.36373	-0.24324	-0.50785	-1.50649	-1.34689	-1.47567	-0.0573	-0.47157	-0.92297	-0.95815
179	366	-0.62072	-1.42353	0.82643	-0.50785	-1.50649	0.71872	-0.3582	-1.10296	0.6389	-0.92297	0.2115
180	367	-0.62072	0.69607	-0.24324	-1.63128	-0.38201	0.71872	0.75926	-0.0573	-0.47157	-0.00503	0.2115
181	368	-0.62072	0.69607	0.82643	1.739	0.74246	-0.31409	-0.3582	0.98836	1.74938	0.91291	0.2115
182	369	0.54713	0.69607	-0.24324	0.61558	0.74246	0.71872	-0.3582	-0.0573	0.6389	0.91291	0.2115
183	370	-0.62072	0.69607	-0.24324	0.61558	0.74246	-0.31409	0.75926	-0.0573	0.6389	-0.00503	-0.95815
184	376	0.54713	0.69607	-0.24324	-0.50785	-0.38201	-0.31409	0.75926	-0.0573	0.6389	-0.92297	0.2115
185	379	-0.62072	-0.36373	-0.24324	0.61558	-0.38201	-0.31409	0.75926	-0.0573	-0.47157	-0.00503	1.38115
186	380	0.54713	0.69607	-0.24324	-0.50785	-0.38201	-0.31409	-1.47567	-0.0573	-0.47157	-0.92297	1.38115
187	384	-0.62072	-1.42353	-1.31291	-1.63128	-1.50649	-1.34689	-2.59313	-2.14862	-2.69252	-1.84091	0.2115
188	388	-1.78857	-0.36373	-1.31291	-0.50785	-0.38201	-0.31409	-1.47567	-1.10296	-1.58205	-1.84091	1.38115
189	390	0.54713	0.69607	-0.24324	-0.50785	-0.38201	-0.31409	0.75926	-1.10296	-0.47157	-0.92297	1.38115
190	391	-1.78857	-1.42353	-1.31291	0.61558	-1.50649	-0.31409	-1.47567	-0.0573	-0.47157	-0.92297	1.38115
191	392	-0.62072	-1.42353	-0.24324	0.61558	-0.38201	-0.31409	-0.3582	-1.10296	-0.47157	-0.92297	-0.95815
192	395	0.54713	0.69607	-0.24324	-0.50785	-0.38201	-1.34689	-1.47567	-0.0573	-1.58205	-0.00503	-0.95815
193	397	0.54713	-1.42353	-1.31291	-1.63128	-1.50649	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
194	400	0.54713	-0.36373	-1.31291	0.61558	0.74246	0.71872	-1.47567	-0.0573	-1.58205	-0.92297	-0.95815
195	403	0.54713	0.69607	-0.24324	-0.50785	0.74246	0.71872	-1.47567	-0.0573	0.6389	-0.00503	0.2115
196	405	0.54713	0.69607	1.89611	-0.50785	-0.38201	0.71872	1.87673	0.98836	0.6389	0.91291	0.2115
197	415	-0.62072	-0.36373	-0.24324	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
198	416	0.54713	-0.36373	0.82643	1.739	-0.38201	1.75152	0.75926	2.03403	0.6389	1.83085	0.2115
199	418	1.71498	1.75587	1.89611	0.61558	1.86694	0.71872	0.75926	2.03403	1.74938	1.83085	-0.95815
200	419	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
201	421	-2.95642	0.69607	-2.38259	-2.7547	-1.50649	-1.34689	-1.47567	-1.10296	-0.47157	-0.00503	-0.95815
202	422	-0.62072	0.69607	-1.31291	-1.63128	-0.38201	-2.3797	-1.47567	-0.0573	-2.69252	-1.84091	2.5508
203	424	0.54713	0.69607	0.82643	0.61558	1.86694	1.75152	0.75926	0.98836	1.74938	1.83085	-0.95815
204	425	0.54713	-0.36373	-0.24324	0.61558	-0.38201	0.71872	-0.3582	-0.0573	-0.47157	0.91291	1.38115
205	426	-0.62072	-1.42353	-0.24324	-1.63128	-0.38201	-1.34689	-0.3582	-1.10296	-0.47157	-0.00503	0.2115
206	427	-0.62072	-1.42353	-1.31291	0.61558	-1.50649	-1.34689	-0.3582	-1.10296	0.6389	-0.92297	0.2115
207	428	-0.62072	0.69607	-0.24324	-0.50785	-0.38201	-1.34689	-0.3582	-0.0573	-1.58205	-0.00503	-0.95815
208	430	0.54713	0.69607	-0.24324	0.61558	-0.38201	0.71872	-0.3582	0.98836	0.6389	0.91291	1.38115
209	432	-0.62072	0.69607	-0.24324	0.61558	0.74246	0.71872	-0.3582	0.98836	-0.47157	0.91291	1.38115
210	433	-0.62072	0.69607	-0.24324	-0.50785	0.74246	0.71872	-0.3582	0.98836	-0.47157	0.91291	1.38115
211	436	0.54713	-0.36373	-1.31291	-0.50785	-0.38201	-0.31409	0.75926	-0.0573	-0.47157	0.91291	0.2115
212	439	-0.62072	-1.42353	-1.31291	-1.63128	-1.50649	-1.34689	-1.47567	-1.10296	-1.58205	-1.84091	-0.95815
213	441	0.54713	-0.36373	-0.24324	-0.50785	0.74246	-0.31409	-1.47567	-1.10296	-1.58205	-0.92297	2.5508
214	442	-1.78857	-1.42353	-0.24324	0.61558	-0.38201	-0.31409	-0.3582	-0.0573	0.6389	-0.00503	-0.95815
215	443	-1.78857	-2.48333	-1.31291	-0.50785	-0.38201	-2.3797	-0.3582	-1.10296	-1.58205	-0.92297	1.38115
216	445	-0.62072	-0.36373	-0.24324	0.61558	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.92297	0.2115
217	446	-0.62072	-1.42353	-1.31291	-1.63128	-0.38201	-2.3797	-0.3582	-2.14862	-1.58205	-0.00503	1.38115
218	447	0.54713	0.69607	-0.24324	0.61558	0.74246	-0.31409	0.75926	-0.0573	0.6389	-0.00503	-0.95815
219	448	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-1.10296	-0.47157	0.91291	0.2115

220	454	0.54713	0.69607	0.82643	-0.50785	-0.38201	-0.31409	-1.47567	-1.10296	-0.47157	0.91291	-0.95815
221	456	0.54713	0.69607	0.82643	-0.50785	0.74246	0.71872	0.75926	0.98836	-0.47157	-0.00503	-0.95815
222	457	0.54713	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
223	458	-1.78857	-2.48333	-1.31291	-0.50785	0.74246	-0.31409	0.75926	-2.14862	-0.47157	-0.00503	-0.95815
224	460	-0.62072	-0.36373	-2.38259	-0.50785	-1.50649	0.71872	-0.3582	-0.0573	-0.47157	-0.00503	-0.95815
225	461	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
226	463	1.71498	0.69607	0.82643	0.61558	0.74246	-0.31409	0.75926	-1.10296	-1.58205	-0.00503	1.38115
227	466	-1.78857	0.69607	-0.24324	-0.50785	0.74246	0.71872	0.75926	-1.10296	0.6389	0.91291	-0.95815
228	471	1.71498	-0.36373	0.82643	0.61558	0.74246	-0.31409	-0.3582	-0.0573	0.6389	-0.00503	0.2115
229	477	1.71498	0.69607	0.82643	1.739	-0.38201	0.71872	0.75926	-0.0573	0.6389	-0.92297	-0.95815
230	481	-0.62072	-0.36373	-0.24324	-0.50785	0.74246	0.71872	-0.3582	-0.0573	0.6389	-0.00503	0.2115
231	483	0.54713	0.69607	-1.31291	0.61558	-1.50649	-1.34689	-1.47567	-1.10296	-1.58205	-0.92297	0.2115
232	484	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
233	485	0.54713	0.69607	0.82643	-0.50785	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	-0.95815
234	486	-0.62072	1.75587	1.89611	1.739	0.74246	1.75152	1.87673	2.03403	1.74938	-0.00503	-0.95815
235	488	-1.78857	-1.42353	-0.24324	0.61558	-0.38201	-0.31409	-0.3582	-0.0573	0.6389	-0.00503	-0.95815
236	491	-0.62072	-0.36373	-0.24324	0.61558	0.74246	-0.31409	-1.47567	-0.0573	-0.47157	-1.84091	0.2115
237	495	-0.62072	-1.42353	-1.31291	-1.63128	-0.38201	-1.34689	-1.47567	-1.10296	-1.58205	-0.92297	-0.95815
238	497	0.54713	-0.36373	0.82643	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.92297	-0.95815
239	498	-2.95642	-2.48333	-2.38259	-2.7547	-2.63096	-2.3797	-2.59313	-2.14862	-2.69252	-1.84091	-0.95815
240	502	-0.62072	-0.36373	-0.24324	-0.50785	0.74246	0.71872	0.75926	-0.0573	0.6389	-0.92297	-0.95815
241	503	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
242	504	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	-0.95815
243	505	-0.62072	0.69607	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	-0.95815
244	506	-0.62072	-1.42353	-0.24324	-0.50785	-0.38201	-1.34689	-1.47567	-1.10296	-0.47157	-0.92297	0.2115
245	509	-0.62072	0.69607	-1.31291	0.61558	-0.38201	-0.31409	-1.47567	-2.14862	-1.58205	-0.92297	-0.95815
246	510	-0.62072	-0.36373	-0.24324	-1.63128	-1.50649	-1.34689	-0.3582	-0.0573	-0.47157	-0.92297	0.2115
247	512	-0.62072	-1.42353	-0.24324	-0.50785	-1.50649	-0.31409	-1.47567	-0.0573	-1.58205	-0.00503	1.38115
248	514	-0.62072	-1.42353	-0.24324	-1.63128	-0.38201	-1.34689	-0.3582	-1.10296	-1.58205	-0.92297	-0.95815
249	516	-0.62072	-0.36373	0.82643	-0.50785	-1.50649	-0.31409	-0.3582	-1.10296	-0.47157	0.91291	1.38115
250	517	-1.78857	-1.42353	0.82643	-0.50785	-0.38201	-0.31409	0.75926	0.98836	-0.47157	-0.00503	1.38115
251	518	-1.78857	-0.36373	-1.31291	-1.63128	0.74246	-1.34689	-1.47567	-1.10296	-0.47157	-0.92297	-0.95815
252	522	0.54713	0.69607	-0.24324	0.61558	0.74246	1.75152	0.75926	0.98836	0.6389	-0.92297	1.38115
253	524	-1.78857	-1.42353	0.82643	0.61558	-0.38201	-1.34689	1.87673	0.98836	1.74938	0.91291	-0.95815
254	527	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-1.47567	-0.0573	-1.58205	-0.00503	-0.95815
255	529	0.54713	1.75587	1.89611	1.739	1.86694	1.75152	0.75926	0.98836	1.74938	1.83085	-0.95815
256	531	-0.62072	-2.48333	-1.31291	-1.63128	-2.63096	-0.31409	-1.47567	-2.14862	-1.58205	-1.84091	-0.95815
257	533	0.54713	0.69607	0.82643	0.61558	1.86694	1.75152	1.87673	0.98836	0.6389	1.83085	0.2115
258	534	0.54713	0.69607	0.82643	-0.50785	-1.50649	0.71872	-0.3582	-0.0573	0.6389	-0.00503	1.38115
259	536	-0.62072	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
260	537	0.54713	0.69607	0.82643	1.739	-0.38201	-1.34689	-0.3582	0.98836	-0.47157	-0.92297	-0.95815
261	539	0.54713	-1.42353	-0.24324	0.61558	0.74246	-0.31409	0.75926	-1.10296	0.6389	-0.92297	-0.95815
262	540	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	-0.3582	0.98836	0.6389	-0.00503	0.2115
263	541	-1.78857	-1.42353	-1.31291	-0.50785	-0.38201	-2.3797	-2.59313	-2.14862	-0.47157	-1.84091	-0.95815
264	542	0.54713	-0.36373	-0.24324	-0.50785	0.74246	-0.31409	0.75926	-0.0573	-0.47157	-0.92297	1.38115

265	546	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	-0.0573	0.6389	-0.00503	-0.95815
266	547	-0.62072	-1.42353	-2.38259	-0.50785	-0.38201	-1.34689	-1.47567	-1.10296	-1.58205	-0.92297	0.2115
267	548	-0.62072	-0.36373	0.82643	-0.50785	0.74246	1.75152	0.75926	-0.0573	0.6389	-0.00503	0.2115
268	550	0.54713	-0.36373	-0.24324	-1.63128	0.74246	-0.31409	-1.47567	-0.0573	-0.47157	-1.84091	-0.95815
269	552	1.71498	-0.36373	-0.24324	-0.50785	0.74246	0.71872	-0.3582	-0.0573	0.6389	-0.92297	1.38115
270	553	-1.78857	-1.42353	-1.31291	-1.63128	-1.50649	-1.34689	-1.47567	-1.10296	-2.69252	-1.84091	0.2115
271	555	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	-1.10296	-0.47157	-0.00503	1.38115
272	556	-0.62072	-1.42353	-2.38259	-2.7547	-2.63096	-2.3797	-1.47567	-2.14862	-2.69252	-0.92297	-0.95815
273	557	-1.78857	-1.42353	-1.31291	-0.50785	-0.38201	-0.31409	-0.3582	-1.10296	-0.47157	-0.00503	-0.95815
274	559	1.71498	-0.36373	-0.24324	1.739	-1.50649	-1.34689	-1.47567	-0.0573	1.74938	0.91291	0.2115
275	560	0.54713	0.69607	-0.24324	-0.50785	-0.38201	-1.34689	-1.47567	-1.10296	-1.58205	-0.92297	2.5508
276	561	0.54713	-0.36373	-1.31291	0.61558	-1.50649	-0.31409	-0.3582	-1.10296	0.6389	-0.00503	1.38115
277	562	0.54713	0.69607	-0.24324	-1.63128	0.74246	-0.31409	0.75926	-0.0573	0.6389	-0.00503	-0.95815
278	563	0.54713	-0.36373	0.82643	-0.50785	0.74246	-1.34689	-0.3582	-1.10296	-0.47157	-0.92297	1.38115
279	565	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	-0.95815
280	573	-1.78857	-1.42353	-1.31291	-1.63128	-0.38201	0.71872	-1.47567	-0.0573	-0.47157	-0.92297	-0.95815
281	574	-2.95642	-2.48333	-2.38259	-2.7547	-2.63096	-0.31409	-0.3582	-1.10296	-0.47157	-1.84091	0.2115
282	578	0.54713	1.75587	0.82643	0.61558	1.86694	-0.31409	0.75926	-0.0573	0.6389	0.91291	-0.95815
283	579	-0.62072	-1.42353	-1.31291	-1.63128	-0.38201	1.75152	-1.47567	-0.0573	-0.47157	-1.84091	-0.95815
284	582	0.54713	-0.36373	0.82643	0.61558	-0.38201	0.71872	0.75926	2.03403	1.74938	0.91291	1.38115
285	583	-1.78857	-0.36373	-1.31291	-1.63128	-1.50649	0.71872	0.75926	-0.0573	-0.47157	-0.00503	-0.95815
286	586	-0.62072	-0.36373	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	-0.47157	-0.00503	1.38115
287	588	-1.78857	-0.36373	-0.24324	0.61558	0.74246	-0.31409	0.75926	0.98836	-0.47157	0.91291	0.2115
288	590	-0.62072	0.69607	-0.24324	0.61558	0.74246	-0.31409	-0.3582	-0.0573	0.6389	-0.00503	0.2115
289	591	1.71498	1.75587	1.89611	1.739	1.86694	1.75152	1.87673	2.03403	1.74938	1.83085	-0.95815
290	595	-0.62072	-0.36373	0.82643	0.61558	-0.38201	-0.31409	0.75926	-0.0573	0.6389	-0.00503	-0.95815
291	600	-0.62072	0.69607	0.82643	0.61558	1.86694	-0.31409	-0.3582	-0.0573	-0.47157	-0.92297	0.2115
292	601	0.54713	-0.36373	-0.24324	-0.50785	-0.38201	0.71872	1.87673	0.98836	-0.47157	-0.00503	-0.95815
293	603	0.54713	0.69607	-0.24324	0.61558	0.74246	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	0.2115
294	604	0.54713	1.75587	0.82643	1.739	1.86694	1.75152	-0.3582	0.98836	1.74938	-0.00503	-0.95815
295	605	1.71498	1.75587	0.82643	1.739	1.86694	0.71872	-0.3582	-0.0573	0.6389	-0.92297	-0.95815
296	610	0.54713	0.69607	0.82643	-0.50785	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
297	611	-0.62072	-2.48333	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-1.58205	1.83085	-0.95815
298	612	0.54713	1.75587	0.82643	0.61558	-0.38201	0.71872	1.87673	-0.0573	0.6389	0.91291	0.2115
299	616	-0.62072	-0.36373	0.82643	0.61558	1.86694	0.71872	-0.3582	-0.0573	0.6389	-0.92297	-0.95815
300	618	0.54713	-0.36373	0.82643	-0.50785	-0.38201	-0.31409	-0.3582	0.98836	0.6389	-0.00503	0.2115
301	621	0.54713	0.69607	-0.24324	0.61558	0.74246	0.71872	-0.3582	0.98836	-0.47157	0.91291	0.2115
302	622	0.54713	0.69607	-0.24324	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	-0.95815
303	624	0.54713	0.69607	-0.24324	0.61558	0.74246	0.71872	0.75926	-0.0573	-0.47157	-1.84091	-0.95815
304	626	1.71498	0.69607	-0.24324	-0.50785	0.74246	0.71872	0.75926	-0.0573	1.74938	0.91291	0.2115
305	627	0.54713	0.69607	1.89611	0.61558	-0.38201	-0.31409	0.75926	-0.0573	0.6389	1.83085	0.2115
306	628	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	-0.47157	-0.00503	-0.95815
307	631	1.71498	0.69607	0.82643	-2.7547	-1.50649	-0.31409	1.87673	0.98836	-1.58205	-0.00503	1.38115
308	632	-0.62072	-1.42353	-1.31291	-1.63128	-0.38201	-1.34689	-1.47567	-0.0573	-1.58205	-0.92297	-0.95815
309	633	0.54713	0.69607	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	0.6389	0.91291	0.2115

310	634	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
311	638	0.54713	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	0.6389	-0.00503	0.2115
312	640	1.71498	1.75587	0.82643	1.739	-0.38201	0.71872	-1.47567	-0.0573	0.6389	-0.92297	-0.95815
313	643	-0.62072	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	0.6389	-0.00503	1.38115
314	645	0.54713	-0.36373	-0.24324	0.61558	0.74246	-0.31409	-0.3582	0.98836	0.6389	-0.00503	0.2115
315	646	0.54713	0.69607	1.89611	0.61558	-0.38201	0.71872	0.75926	0.98836	-0.47157	-0.92297	-0.95815
316	648	0.54713	0.69607	1.89611	-0.50785	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	-0.95815
317	653	0.54713	-0.36373	-0.24324	-0.50785	0.74246	0.71872	-0.3582	-0.0573	0.6389	-0.00503	-0.95815
318	655	0.54713	0.69607	0.82643	0.61558	0.74246	-1.34689	-1.47567	-1.10296	0.6389	-0.92297	-0.95815
319	657	0.54713	0.69607	-0.24324	-0.50785	-0.38201	-0.31409	0.75926	0.98836	-0.47157	0.91291	-0.95815
320	658	-2.95642	-1.42353	-2.38259	-0.50785	-2.63096	-2.3797	0.75926	-2.14862	-0.47157	-1.84091	-0.95815
321	659	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	-0.3582	0.98836	0.6389	0.91291	0.2115
322	663	0.54713	1.75587	0.82643	1.739	-0.38201	-0.31409	-0.3582	-0.0573	0.6389	-0.00503	-0.95815
323	665	-0.62072	-0.36373	0.82643	1.739	1.86694	0.71872	-0.3582	0.98836	0.6389	0.91291	-0.95815
324	667	0.54713	-0.36373	0.82643	0.61558	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	-0.95815
325	668	-0.62072	-0.36373	-1.31291	-0.50785	-0.38201	-1.34689	-0.3582	-1.10296	-1.58205	-1.84091	-0.95815
326	670	-0.62072	0.69607	-1.31291	-0.50785	1.86694	-1.34689	-0.3582	-2.14862	0.6389	0.91291	-0.95815
327	671	1.71498	0.69607	0.82643	0.61558	-0.38201	0.71872	0.75926	-0.0573	-0.47157	0.91291	-0.95815
328	672	-0.62072	-0.36373	0.82643	0.61558	-0.38201	0.71872	0.75926	-0.0573	-0.47157	0.91291	0.2115
329	676	1.71498	1.75587	1.89611	1.739	0.74246	0.71872	1.87673	2.03403	1.74938	1.83085	-0.95815
330	677	0.54713	0.69607	0.82643	0.61558	-0.38201	1.75152	0.75926	0.98836	-0.47157	0.91291	1.38115
331	678	0.54713	-0.36373	-0.24324	0.61558	0.74246	0.71872	0.75926	-0.0573	0.6389	-0.00503	-0.95815
332	679	0.54713	1.75587	0.82643	0.61558	-0.38201	0.71872	0.75926	2.03403	1.74938	1.83085	0.2115
333	680	0.54713	0.69607	-1.31291	-1.63128	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	0.91291	0.2115
334	681	1.71498	0.69607	-0.24324	0.61558	0.74246	0.71872	-0.3582	0.98836	0.6389	0.91291	-0.95815
335	683	0.54713	-0.36373	-0.24324	0.61558	0.74246	-0.31409	-0.3582	-0.0573	0.6389	0.91291	-0.95815
336	684	0.54713	0.69607	0.82643	1.739	1.86694	1.75152	1.87673	0.98836	1.74938	0.91291	0.2115
337	685	0.54713	-1.42353	-1.31291	-1.63128	-1.50649	-1.34689	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
338	687	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	0.75926	0.98836	0.6389	0.91291	0.2115
339	690	-0.62072	0.69607	-0.24324	0.61558	0.74246	-0.31409	-1.47567	0.98836	-0.47157	-0.92297	-0.95815
340	691	0.54713	-0.36373	-0.24324	0.61558	0.74246	-0.31409	0.75926	-0.0573	-0.47157	-0.00503	-0.95815
341	693	0.54713	-1.42353	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	0.6389	1.83085	-0.95815
342	694	1.71498	1.75587	1.89611	1.739	1.86694	1.75152	1.87673	2.03403	1.74938	1.83085	-0.95815
343	696	0.54713	0.69607	0.82643	0.61558	0.74246	-0.31409	0.75926	0.98836	-0.47157	0.91291	0.2115
344	697	-0.62072	-1.42353	-1.31291	-0.50785	-0.38201	-0.31409	0.75926	-0.0573	-1.58205	-0.92297	-0.95815
345	702	0.54713	-0.36373	-0.24324	-0.50785	-0.38201	0.71872	-0.3582	0.98836	-0.47157	-0.00503	1.38115
346	704	0.54713	0.69607	0.82643	0.61558	0.74246	0.71872	-0.3582	-0.0573	0.6389	-0.00503	0.2115
347	705	1.71498	1.75587	1.89611	0.61558	-0.38201	1.75152	0.75926	2.03403	1.74938	0.91291	-0.95815
348	706	-0.62072	-0.36373	-0.24324	-0.50785	0.74246	-0.31409	-0.3582	-1.10296	0.6389	-0.92297	0.2115
349	709	0.54713	0.69607	-0.24324	1.739	0.74246	-0.31409	0.75926	-0.0573	-0.47157	-0.00503	0.2115
350	710	-0.62072	1.75587	0.82643	0.61558	-0.38201	-0.31409	1.87673	-0.0573	0.6389	1.83085	0.2115
351	712	0.54713	0.69607	0.82643	1.739	0.74246	-0.31409	0.75926	0.98836	1.74938	0.91291	0.2115
352	713	-0.62072	0.69607	-1.31291	-0.50785	-0.38201	0.71872	-1.47567	-1.10296	0.6389	-0.92297	0.2115
353	715	0.54713	-0.36373	-0.24324	-0.50785	-0.38201	-0.31409	-0.3582	-0.0573	-0.47157	-0.00503	1.38115
354	716	-0.62072	0.69607	1.89611	-0.50785	0.74246	-0.31409	0.75926	-0.0573	-0.47157	-0.92297	0.2115

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355	717	-1.78857	-1.42353	-1.31291	-0.50785	-1.50649	-1.34689	-1.47567	-1.10296	-1.58205	-0.92297	1.38115
356	718	-0.62072	0.69607	0.82643	1.739	1.86694	1.75152	-0.3582	-0.0573	0.6389	0.91291	0.2115
357	720	0.54713	-0.36373	-0.24324	-0.50785	0.74246	-1.34689	-1.47567	-2.14862	-0.47157	-1.84091	-0.95815
358	721	1.71498	1.75587	-1.31291	0.61558	0.74246	-0.31409	-0.3582	-1.10296	-1.58205	-0.92297	-0.95815
359	722	0.54713	0.69607	-0.24324	-1.63128	-0.38201	-0.31409	-0.3582	-1.10296	0.6389	-0.92297	-0.95815
360	723	0.54713	0.69607	0.82643	-0.50785	0.74246	-0.31409	0.75926	0.98836	-0.47157	0.91291	0.2115
361	725	0.54713	1.75587	1.89611	1.739	1.86694	0.71872	1.87673	2.03403	1.74938	1.83085	0.2115
362	727	0.54713	0.69607	-2.38259	0.61558	-0.38201	0.71872	-0.3582	-2.14862	-0.47157	-1.84091	-0.95815
363	728	1.71498	-0.36373	1.89611	0.61558	0.74246	0.71872	0.75926	-1.10296	0.6389	-0.00503	-0.95815
364	729	-0.62072	-1.42353	-2.38259	-0.50785	-0.38201	-1.34689	-1.47567	-1.10296	-1.58205	-1.84091	0.2115
365	730	-1.78857	-1.42353	-1.31291	-1.63128	-1.50649	-1.34689	-0.3582	-1.10296	-1.58205	-0.92297	2.5508

Appendix 4.7

Normality assessment results (PLS Stage, N=360)

Figure A
Histograms of normality

Figure B
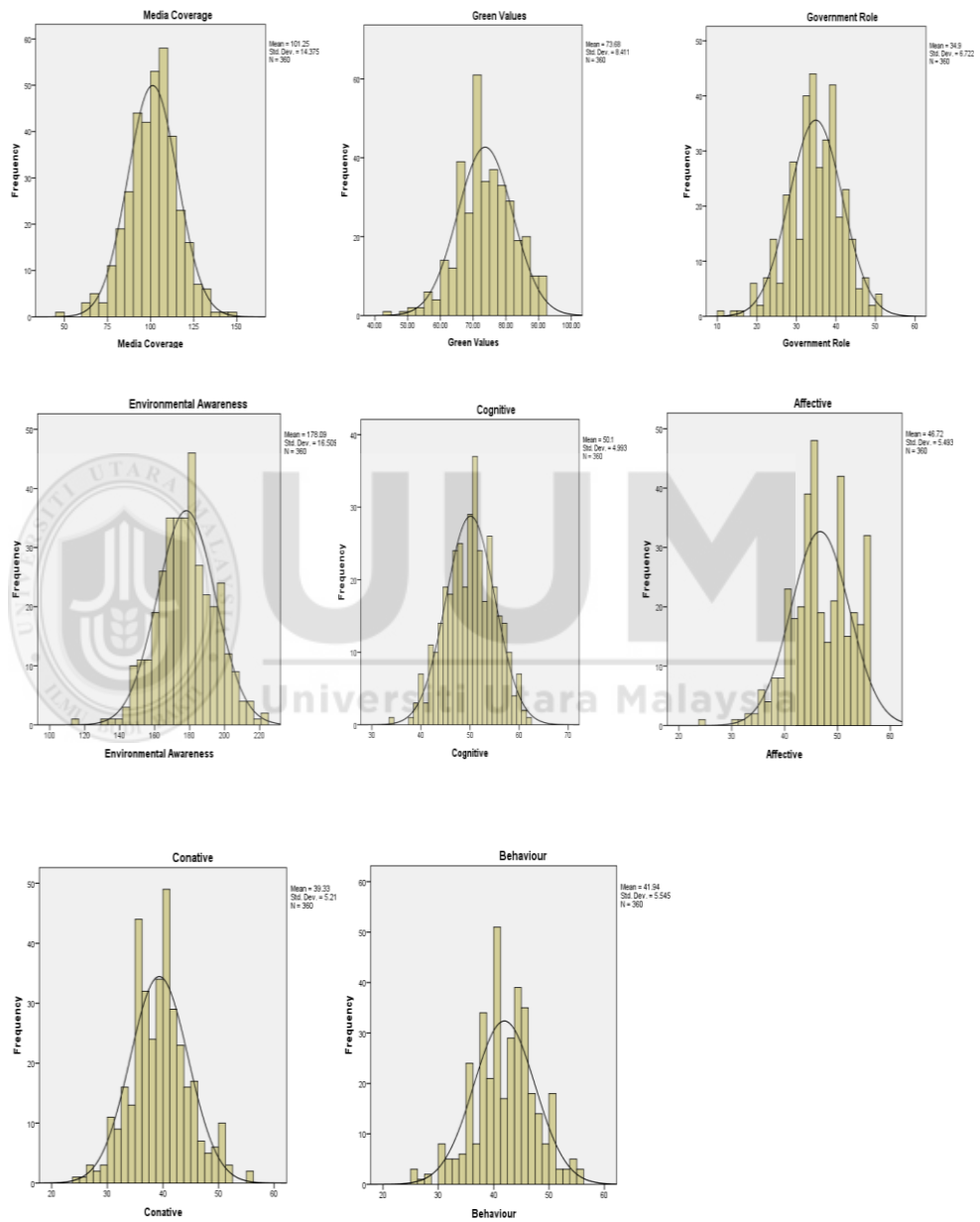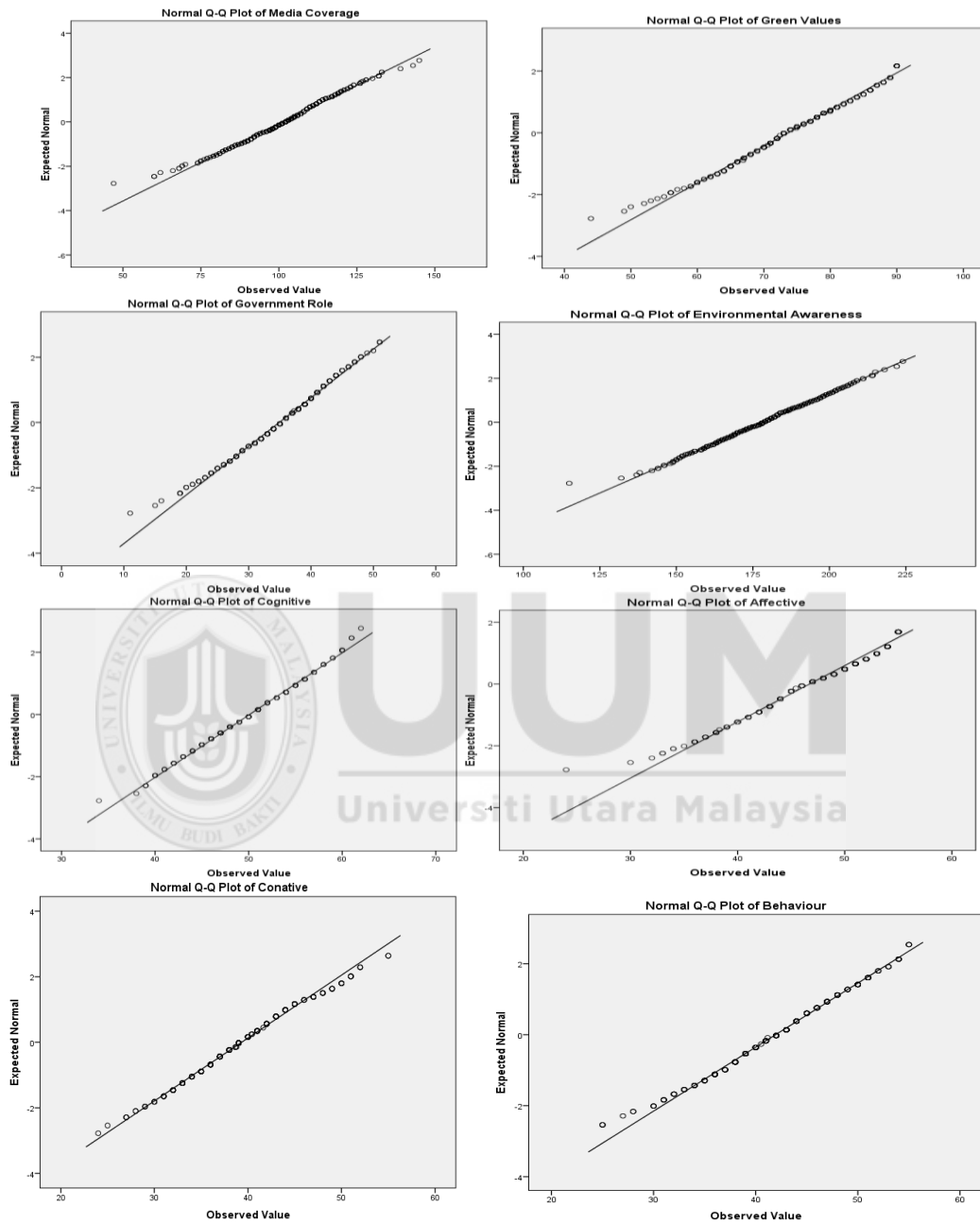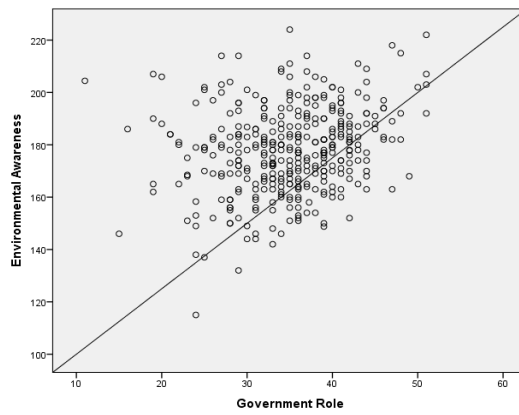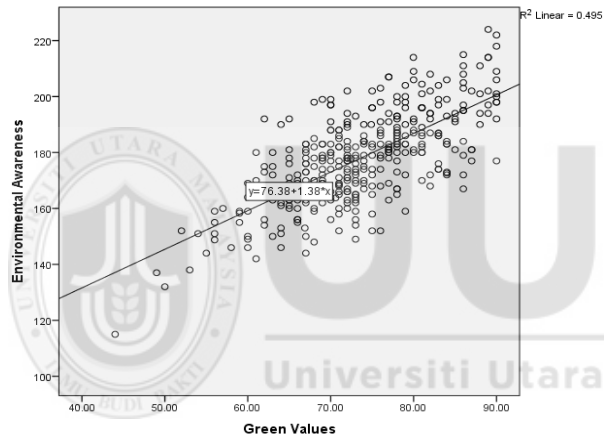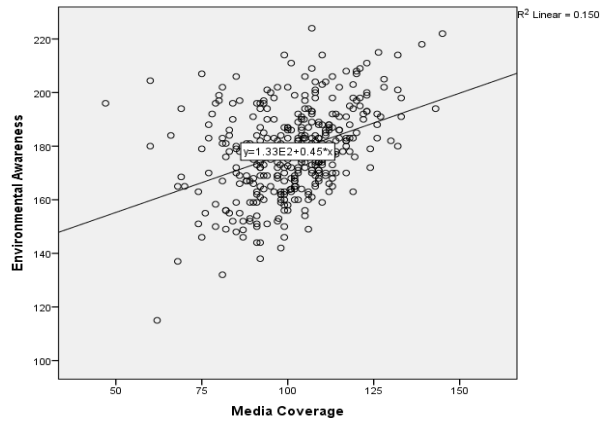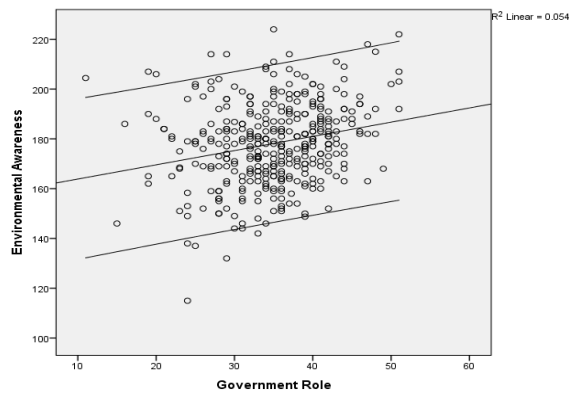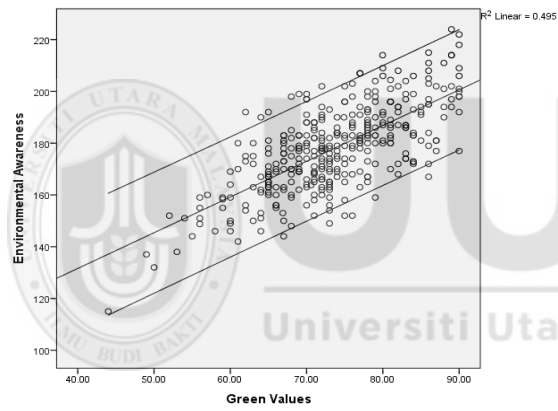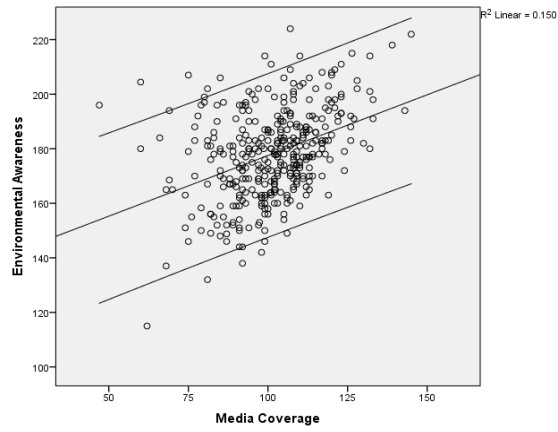Normal Q-Q plots

Appendix 4.8

Linearity assessment results (PLS Stage, N=360)

Appendix 4.9

Results of Homoscedasticity assessment (PLS Stage, N=360)

Appendix 4.10

Blindfolding results: Cross-validated redundancy

The Results of Blindfolding for the whole Model

Total	SSO	SSE	1-SSE/SSO
EA	1440.000	1000.539	0.305
Case 1	SSO	SSE	1-SSE/SSO
EA	152.952	126.213	0.175
Case 2	SSO	SSE	1-SSE/SSO
EA	214.763	172.195	0.198
Case 3	SSO	SSE	1-SSE/SSO
EA	196.243	121.073	0.383
Case 4	SSO	SSE	1-SSE/SSO
EA	193.792	127.843	0.340
Case 5	SSO	SSE	1-SSE/SSO
EA	233.169	172.169	0.262
Case 6	SSO	SSE	1-SSE/SSO
EA	275.407	154.646	0.439
Case 7	SSO	SSE	1-SSE/SSO
EA	173.675	126.399	0.272

Blindfolding Results Excluding Media coverage			
Total	SSO	SSE	1-SSE/SSO
EA	1440.000	1025.687	0.288
Case 1	SSO	SSE	1-SSE/SSO
EA	155.286	123.418	0.205
Case 2	SSO	SSE	1-SSE/SSO
EA	158.712	139.183	0.123
Case 3	SSO	SSE	1-SSE/SSO
EA	242.102	167.114	0.310
Case 4	SSO	SSE	1-SSE/SSO
EA	177.478	119.512	0.327
Case 5	SSO	SSE	1-SSE/SSO
EA	193.981	140.953	0.273
Case 6	SSO	SSE	1-SSE/SSO
EA	258.238	177.566	0.312
Case 7	SSO	SSE	1-SSE/SSO
EA	254.203	157.941	0.379

Blindfolding Results Excluding Interaction GR*MC			
Total	SSO	SSE	1-SSE/SSO
EA	1440.000	1025.800	0.288
Case 1	SSO	SSE	1-SSE/SSO
EA	155.286	123.650	0.204
Case 2	SSO	SSE	1-SSE/SSO
EA	158.712	139.207	0.123
Case 3	SSO	SSE	1-SSE/SSO
EA	242.102	166.966	0.310
Case 4	SSO	SSE	1-SSE/SSO
EA	177.478	119.222	0.328
Case 5	SSO	SSE	1-SSE/SSO
EA	193.981	140.814	0.274
Case 6	SSO	SSE	1-SSE/SSO
EA	258.238	178.059	0.311
Case 7	SSO	SSE	1-SSE/SSO
EA	254.203	157.881	0.379

Blindfolding Results Excluding Interaction GV*MC			
Total	SSO	SSE	1-SSE/SSO
EA	1440.000	1014.501	0.296
Case 1	SSO	SSE	1-SSE/SSO
EA	163.143	119.226	0.269
Case 2	SSO	SSE	1-SSE/SSO
EA	185.218	138.863	0.250
Case 3	SSO	SSE	1-SSE/SSO
EA	251.746	169.759	0.326
Case 4	SSO	SSE	1-SSE/SSO
EA	250.149	150.158	0.400
Case 5	SSO	SSE	1-SSE/SSO
EA	169.810	131.725	0.224
Case 6	SSO	SSE	1-SSE/SSO
EA	192.543	136.546	0.291
Case 7	SSO	SSE	1-SSE/SSO
EA	227.391	168.223	0.260

Blindfolding Excluding Government Role			
Total	SSO	SSE	1-SSE/SSO
EA	1440.000	1025.687	0.288
Case 1	SSO	SSE	1-SSE/SSO
EA	155.286	123.418	0.205
Case 2	SSO	SSE	1-SSE/SSO
EA	158.712	139.183	0.123
Case 3	SSO	SSE	1-SSE/SSO
EA	242.102	167.114	0.310
Case 4	SSO	SSE	1-SSE/SSO
EA	177.478	119.512	0.327
Case 5	SSO	SSE	1-SSE/SSO
EA	193.981	140.953	0.273
Case 6	SSO	SSE	1-SSE/SSO
EA	258.238	177.566	0.312
Case 7	SSO	SSE	1-SSE/SSO
EA	254.203	157.941	0.379

Blindfolding Results Excluding Green values			
Total	SSO	SSE	1-SSE/SSO
EA	1440.000	1265.166	0.121
Case 1	SSO	SSE	1-SSE/SSO
EA	250.149	203.354	0.187
Case 2	SSO	SSE	1-SSE/SSO
EA	169.810	151.991	0.105
Case 3	SSO	SSE	1-SSE/SSO
EA	192.543	168.850	0.123
Case 4	SSO	SSE	1-SSE/SSO
EA	227.391	198.619	0.127
Case 5	SSO	SSE	1-SSE/SSO
EA	163.143	152.453	0.066
Case 6	SSO	SSE	1-SSE/SSO
EA	185.218	171.837	0.072
Case 7	SSO	SSE	1-SSE/SSO
EA	251.746	218.061	0.134

Appendix 4.11

Interaction effects of government role and green values

Figure A

The interaction effect of government role

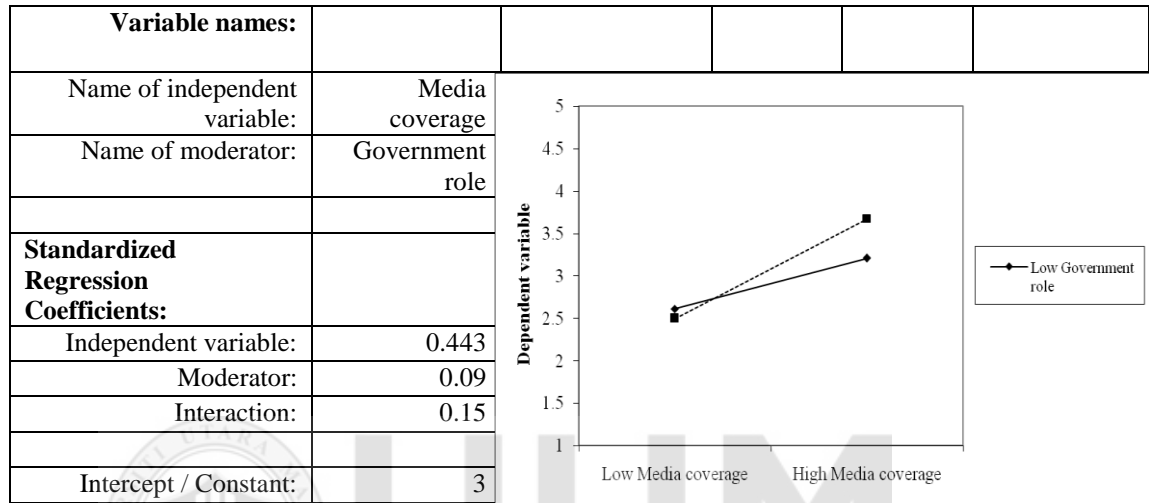| Variable names:						
Name of independent variable:	Media coverage					
Name of moderator:	Government role					
Standardized Regression Coefficients:						
Independent variable:	0.443					
Moderator:	0.09					
Interaction:	0.15					
Intercept / Constant:	3					

Figure B
The interaction effect of green values

Variable names:						
Name of independent variable:	Media coverage					
Name of moderator:	Green values					
Standardized Regression Coefficients:						
Independent variable:	0.443					
Moderator:	0.69					
Interaction:	-0.12					
Intercept / Constant:	3					