## APPENDICES

A. Questionnaires before Pre-Test
B. Questionnaires after Pre-Test
C. Profile of Respondents
D. Univariate Normality, and Outlier Identifying Testing
E. Linearity and Homoscedasticity
F. STEP-ONE APPROACH-THE COMBINED MEASUREMENT MODEL
G. STEP-TWO APPROACH-THE STRUCTURAL MODEL

# The Role of 'Ethical Brand' and Its Effect on Industrial Buyers' Responses <br> In Malaysia 

Prepared by:

## SULAIMAN M. ALI

Supervisor:


## FACULTY OF BUSINESS AND ACCUNTANCY

## THE ROLE OF ‘ETHICAL BRAND’ AND ITS EFFECT ON INDUSTRIAL BUYERS’ RESPONSES IN MALAYSIA (A SURVEY OF ELECTRONIC OFFICE EQUIPMENT USERS) 2008

## Dear Respected Respondent.

This survey is designed to assess the level of agreement/satisfaction with various brands of electronic office equipment products that have been used by industrial buyers in Malaysia and the associated service by the respective supplier. Your opinion will help office equipment providers improve their products and services, thereby enabling them to make improvements to meet your expectations and enhancing mutual value. We would therefore greatly appreciate your participation in answering this questionnaire.

In return for your valuable time and effort to participate in this survey, we will be happy to share with you an executive summary of the findings of this study (electronic copies only). Please provide details of your contact in your classification section of the survey questionnaire. Please complete all questions according to the instructions given for each section. For most questions, you will be asked to tick or check the appropriate box that best expresses your opinion.

In case you have additional ideas to improve the offerings from office equipment providers that are not listed in this questionnaire, please feel free to include them in the space provided. We thank you for your suggestions of new ideas.

At this point, no names are required. Individual participants will not be recognized in the analysis as only aggregated outcome will be analyzed and presented. There are no correct or incorrect responses. We are merely interested in your personal point of view.

Thank you so much for your time and thoughtfulness. It is only with your generous that this study can be successful.

## In making your ratings, please remember the following points

1. Please answer each of the statements related to the questions by ticking $(\sqrt{ })$ alongside the number that best describes your answer.
2. Be sure to answer all items - do not omit any.
3. Never tick more than one number on a single scale.

If you have any questions about this survey, please contact:
Sulaiman M. Ali, Ph.D Student,
Mobile phone: +60163050347 ;
or e-mail: elman_ali@perdana.um.edu.my or elman_ali@yahoo.com.
Once you have completed this survey please send it to the address below;
55-13-5, Pantai Indah Apartment, Jalan Pantai Dalam, Lembah Pantai 96200 Kuala Lumpur

Number of Respondent: ( )

For the purpose of completing the questionnaire, please select one of the following brands owned by the company that you are responding in this case

| Brands of Electronic Office Equipment |  |
| :--- | :--- |
| Alcatel |  |
| Avaya |  |
| Brother |  |
| Canon |  |
| Ericsson |  |
| Epson |  |
| Fujitsu |  |
| Fuji-Xerox |  |
| Gestetner |  |
| Hitachi |  |
| Hewlett Packard |  |
| Infocus/Plus |  |
| Lexmark |  |
| Minolta |  |
| NEC |  |
| Nortel |  |
| Panasonic |  |
| Ricoh |  |
| Sanyo |  |
| Sharp |  |
| Siemens |  |
| Sony |  |
| Toshiba |  |
| Others, (please specify) |  |

## SECTION I: PERCEPTION OF RESPONDENT

Direction:
Please mark with a $\sqrt{ }$ in the appropriate box

| 1 | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ |
| :--- | :---: | :--- | :--- | :--- | :---: | :---: |
| Strongly <br> disagree | Disagree | Slightly <br> disagree | Neutral | Slightly <br> agree | Agree | Strongly <br> agree |

## Product Quality

1 Our company buys brand X because it provides good performance

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Our company considers buying brand X due to good features

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

3 The product specifications of brand X match with our needs $\square$
Brand X can be operated for long time (good durability)

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Our company buys brand X because
5 products of brand X are aesthetically pleasing


We believe that brand X produces high quality products for all categories


Products of brand X are dependable and consistent $\square$
Our company buys brand X because it is innovative


## Service Quality

 $\begin{array}{lllllll}1 & 2 & 3 & 4 & 5 & 6 & 7\end{array}$When staff of brand X promises to do something by a certain time, it does so $\square$

When our company has problems, staff of brand X are sympathetic and reassuring


Our company can trust employees of brand X


We buy brand X as employees of brand X are polite


Employees of brand X give us personal attention $\square$
Our company buys brand X because it provides good online information


Our company buys brand X because it provides good information \& documentation


Our company buys brand X because it
17 quickly provides information
supplementary


## Perceived Price

Compared to its competitors, the overall prices of brand X are most likely higher

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Relative to other electronic brands, the prices of brand X are most likely higher

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Our company expects the overall prices of brand X to be high

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Brand X's prices are likely to be higher products


The higher price of brand X reflects its quality


Higher price of brand X indicates its prestige

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

This brand has good price information for every type of product and situation


25 The price of this brand is acceptable


This brand provides good optional prices based on the product performance.


Our company uses brand X, because it lets us maximize our profit

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

We consider using brand X because the company continually succeeds to increase the wealth of stakeholders

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

The company of brand X always respects its suppliers

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

We decide to use brand X because the company has a programme to re-educate and empower its employees


Our company would like to use brand X because the managers of the organization respect the laws and regulations of the country


Our company would like to use brand X because it has programmes that encourage the diversity of the workforce (in terms of age, gender, or race)


We would like to use brand X because its internal policy prevents discrimination.


We consider using brand X as it respects social customs and cultural heritage


We decide to use brand X because it is committed to "sustainable development" through consuming less natural resources


We decide to use brand X because it is committed to "sustainable development" through burdening the environment with less effluent


Our company uses brand X because the manager of the company monitors the potential negative impacts on the community


We consider using brand X as it preserves the jobs at a reasonable profit margin and helps its employees to engage in community work

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

We decide to use brand X because it has a "Recycling" programme


We decide to use brand X because it has a "Recovery" programme


We decide to use brand X because it has a "Disposal" programme $\square$

## Company Reputation

 $\begin{array}{lllllll}1 & 2 & 3 & 4 & 5 & 6 & 7\end{array}$We consider buying brand X because it is well managed


Our company buys brand X because it is customer focused


We buy brand X because the company has the reputation of being a good corporate citizen


Our company buys brand X because it is product driven


Our company decides to buy brand $x$ because it is a successful company


We always decide to buy brand X because the company is innovation oriented


## Brand Loyalty

The relationship our company has with
48 brand X is something we are very committed to


We use our maximum effort to maintain the relationship with brand X

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

We would do almost anything to keep the relationship with brand X


We care a great deal about the long term relationship with brand X


If asked, we would recommend products of brand X


We intend to use products of brand X again in the future



4 Please indicate your overall satisfaction with the following office equipment brands by checking the satisfaction box of the brands and/or products that are currently in use or have been used in the past 2 years in your office

| 1 <br> Strongly | 2 | 3 | 4 | 5 | 6 | 7 <br> dissatisfied |  |
| :--- | :--- | :--- | :--- | :---: | :--- | :---: | :---: |


| Brands of Electronic Office Equipment | 1 | 2 | 3 |  |  | 5 | 6 | 7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alcatel |  |  |  |  |  |  |  |  |
| Avaya |  |  |  |  |  |  |  |  |
| Brother |  |  |  |  |  |  |  |  |
| Canon |  |  |  |  |  |  |  |  |
| Ericsson |  |  |  |  |  |  |  |  |
| Epson |  |  |  |  |  |  |  |  |
| Fujitsu |  |  |  |  |  |  |  |  |
| Fuji-Xerox |  |  |  |  |  |  |  |  |
| Gestetner |  |  |  |  |  |  |  |  |
| Hitachi |  |  |  |  |  |  |  |  |
| Hewlett Packard |  |  |  |  |  |  |  |  |
| Infocus/Plus |  |  |  |  |  |  |  |  |
| Lexmark |  |  |  |  |  |  |  |  |
| Minolta |  |  |  |  |  |  |  |  |
| * NEC |  |  |  |  |  |  |  |  |
| Nortel |  |  |  |  |  |  |  |  |
| Panasonic |  |  |  |  |  |  |  |  |
| * Ricoh |  |  |  |  |  |  |  |  |
| Sanyo |  |  |  |  |  |  |  |  |
| * Sharp |  |  |  |  |  |  |  |  |
| Siemens |  |  |  |  |  |  |  |  |
| Sony |  |  |  |  |  |  |  |  |
| * Toshiba |  |  |  |  |  |  |  |  |
| ${ }^{*}$ Others, (please specify) |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

5 Please indicate if your company is considering to buy any of these products this year by putting a check in the line for the corresponding item in column A .

In column B, please check if this purchase is to replace an existing product currently or previously in use

In column C, please indicate if the replacement will most likely be of the same brand as the product in use
In column D, please indicate if purchases of additional units of that product this year will be of the same brand as those currenly in use within your company

If you are "unsure" about the purchase decision, please do not put a check in any box.

| Type of Electronic Office Equipment | A <br> Intent to <br> purchase <br> equipment <br> this year | B <br> Expected <br> to be a <br> replacemen <br> purchase | C <br> Replacement <br> likely by the <br> same brand | D <br> Additional units <br> purchase of <br> existing brands |
| :--- | :--- | :--- | :--- | :--- |
| ${ }^{*}$ Computer Servers |  |  |  |  |
| ${ }^{*}$ Desktop Computers |  |  |  |  |
| ${ }^{*}$ Notebook Computers |  |  |  |  |
| ${ }^{*}$ Dot Matrix Printers |  |  |  |  |
| ${ }^{*}$ Laser Printers |  |  |  |  |
| ${ }^{*}$ Photocopiers $\quad$ Scanners |  |  |  |  |
| ${ }^{*}$ Multi-functional Products (performs more |  |  |  |  |
| than one function like printing, scanning, |  |  |  |  |
| copying and faxing) |  |  |  |  |

6 How is the purchase decision of office equipment made in your company?

## Owner/CEO decides

Based on individual staff requests
As and when needed
Based on budgetary plans and procedures
Purchase Committee
Centralized Head Office decision
Others (please specify) $\qquad$


7 Your role in the usage and purchase of office equipment within your organization can best be described as:

Chief decision-maker
Involved in decision-making with others
Primary influencer
Member of the budget committee
Member of the purchase committee
Custodian of office equipment
Technical evaluator
No role in the purchase decision-making
Others $\qquad$


## SECTION III: DEMOGRAPHIC PROFILE:

1. Area/district of research : $\qquad$

| 2. Gender | 3. Age | 4. Race |
| :--- | :--- | :--- |
| $\square$ Male | $\square 20-24$ years old | $\square$ Bumi Putra |
| $\square$ Female | $\square 25-29$ years old | $\square$ Chinese |
|  | $\square 30-34$ years old | $\square$ Indian |
|  | $\square 35-39$ years old | $\square$ Foreigner |
|  | $\square 40-44$ years old |  |
|  | $\square 45-49$ years old |  |
|  | $\square 50-54$ years old |  |
|  | $\square 55-60$ years old |  |


| 5. Highest Qualification | 6. Working Experience | 7. Employment | in |
| :--- | :--- | :--- | ---: |
| $\square$ Secondary School | $\square$ Under 5 years | company |  |
| (SPM/STPM) | $\square 6-10$ years | $\square$ Under 5 years |  |
| $\square$ Diploma | $\square 11-15$ years | $\square 6-10$ years |  |
| $\square$ Master | $\square 16-20$ years | $\square 11-15$ years |  |
| $\square$ PhD | $\square 21-$ More | $\square 16-20$ years |  |
| $\square$ Professional |  | $\square 21-$ More |  |
| Qualification |  |  |  |

\begin{tabular}{|c|c|c|}

\hline \begin{tabular}{l}
8. Departmental/Area <br>
$\square$ Accounting <br>
$\square$ Financial
Human Resource
$\square$ Sales/Marketing
Production <br>
$\square$ Others, please specify

$\qquad$

 \& 

9. Position <br>
$\square$ Executive <br>
$\square$ Non-Executive
\end{tabular} \& 10. Income per month

$\square<$ RM 2,000.00
$\square$ RM 2,000.00-2,999.00
$\square$ RM 3,000.00-3,999.00
$\square$ RM 4,000.00-4,999.00
$\square$ RM 5,000.00-5,999.00
$\square$ RM 6,000.00-6,999.00
$\square$ RM 7,000.00-7,999.00
$\square$ RM 8,000.00-8,999.00
$\square$ RM 9,000.00-9,999.00
$\square$ RM 10,000.00 - More <br>
\hline
\end{tabular}

Please use the space provided for any additional comments/suggestions.
Comments/Suggestions:

Thank you for your cooperation

# Appendix B. Questionnaires after Pre-Test 

Questionnaire:
Research Title

# The Role of 'Ethical Brand' and Its Effect on Industrial Buyers' Responses 

Prepared by:

## SULAIMAN M. ALI

Supervisor:

## DR. SHARIFAH FARIDAH SYED ALWI



UNIVERSITY

## FACULTY OF BUSINESS AND ACCOUNTANCY

## THE ROLE OF 'ETHICAL BRAND’ AND ITS EFFECT ON INDUSTRIAL BUYERS' RESPONSES <br> (A SURVEY OF ELECTRONIC OFFICE EQUIPMENT USERS) 2008

## Dear Respected Respondent.

This survey is designed to assess the level of agreement/satisfaction with various brands of electronic office equipment products that have been used by industrial buyers in Malaysia and the associated service by the respective supplier. Your opinion will help office equipment providers improve their products and services, thereby enabling them to make improvements to meet your expectations and enhancing mutual value. We would therefore greatly appreciate your participation in answering this questionnaire.

In return for your valuable time and effort to participate in this survey, we will be happy to share with you an executive summary of the findings of this study (electronic copies only). Please provide details of your contact in the classification section of the survey questionnaire. Please complete all questions according to the instructions given for each section. For most questions, you will be asked to tick or check the appropriate box that best expresses your opinion.

In case you have additional ideas to improve the offerings from office equipment providers that are not listed in this questionnaire, please feel free to include them in the space provided. We thank you for your suggestions of new ideas.

At this point, no names are required. Individual participants will not be recognized in the analysis as only aggregated outcome will be analyzed and presented. There are no correct or incorrect responses. We are merely interested in your personal point of view.

Thank you so much for your time and thoughtfulness. It is only with your generous help that this study can be successful.

## In making your ratings, please remember the following points

1. Please answer each of the statements related to the questions by ticking $(\sqrt{ })$ alongside the number that best describes your answer.
2. Be sure to answer all items - do not omit any.
3. Never tick more than one number on a single scale.

If you have any questions about this survey, please contact:
Sulaiman M. Ali, Ph.D Student,
Mobile phone: +60163050347 ;
or e-mail: elman ali@perdana.um.edu.my or elman ali@yahoo.com.
Once you have completed this survey please send it to the address below;

55-13-5, Pantai Indah Apartment, Jalan Pantai Dalam, Lembah Pantai 96200 Kuala Lumpur

For the purpose of completing the questionnaire, please select one of the following brands owned by the company.

| No. | Brands of Electronic Office Equipment |  |
| :--- | :--- | ---: |
| 1. | Alcatel | $\square$ |
| 2. | Avaya | $\square$ |
| 3. | Brother | $\square$ |
| 4. | Canon | $\square$ |
| 5. | Ericsson | $\square$ |
| 6. | Epson | $\square$ |
| 7. | Fujitsu | $\square$ |
| 8. | Fuji-Xerox | $\square$ |
| 9. | Gestetner | $\square$ |
| 10. | Hitachi | $\square$ |
| 11. | Hewlett Packard | $\square$ |
| 12. | Infocus/Plus | $\square$ |
| 13. | Lexmark | $\square \square$ |
| 14. | Minolta | $\square$ |
| 15. | NEC | $\square$ |
| 16. | Nortel | $\square$ |
| 17. | Panasonic | $\square$ |
| 18. | Ricoh | $\square$ |
| 19. | Sanyo | $\square$ |
| 20. | Sharp | $\square$ |
| 21. | Siemens | $\square$ |
| 22. | Sony | $\square \square$ |
| 23. | Toshiba | $\square$ |
| 24. | Others, (please specify): | $\square$ |

## SECTION I: PERCEPTION OF RESPONDENT

| Direction: | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Please mark with a tick <br> in the appropriate box | Strongly <br> disagree | Disagree | Slightly <br> disagree | Neutral | Slightly <br> agree | Agree | Strongly <br> agree |

Please respond to the following statement according to the chosen brand above - known as brand $X$ below:

|  |  | Strongly disagree |  |  |  |  | Strongly agree |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Our company buys brand X because it provides good performance | $\begin{gathered} 1 \\ \square \end{gathered}$ | 2 $\square$ | 3 $\square$ | 4 $\square$ | 5 $\square$ | 6 $\square$ | 7 $\square$ $\square$ |
| 2 | Our company considers buying brand X due to good features | 1 $\square$ | 2 | $\square$ $\square$ $\square$ | 4 | $\square$ $\square$ | $\square$ $\square$ | 7 |
| 3 | The product specifications of brand X match with our needs | $1$ | 2 | $\square$ $\square$ $\square$ | 4 | $\square$ $\square$ $\square$ | $\square$ $\square$ | $\square$ $\square$ |


| Continue Part A |  | Strongly disagree |  |  |  |  | $\begin{array}{r} \text { Strongly } \\ \text { agree } \end{array}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 | Brand X can be operated for a long time (good durability) | $\begin{aligned} & 1 \\ & \square \end{aligned}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | 3 | $\stackrel{4}{\square}$ | 5 | $\stackrel{6}{\square}$ | 7 |
| 5 | Our company buys brand X because products of brand X are aesthetically pleasing | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | 5 | $\stackrel{\square}{\square}$ | 7 |
| 6 | We believe that brand X produces high quality products for all categories | $\begin{aligned} & 1 \\ & \square \end{aligned}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | $\square$ $\square$ | $\stackrel{4}{\square}$ | $\stackrel{5}{\square}$ | $\stackrel{6}{\square}$ | ${ }^{7}$ |
| 7 | Our company buys brand X because it is innovative | $\stackrel{1}{\square}$ | $2$ | $3$ | $4$ | $\begin{aligned} & 5 \\ & 5 \\ & \square \end{aligned}$ | 6 | 7 |


| Part B |  | Strongly |  |  |  |  | Strongly agree |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8 | When staff of brand X promises to do something by a certain time, they do so | $\begin{gathered} 1 \\ \square \\ \hline \end{gathered}$ | $\begin{gathered} 2 \\ \square \end{gathered}$ | $\begin{aligned} & 3 \\ & \square \end{aligned}$ | $\stackrel{4}{\square}$ | $\begin{aligned} & 5 \\ & \square \end{aligned}$ | $\stackrel{6}{\square}$ | 7 |
| 9 | When our company has problems, staff of brand X are sympathetic and reassuring | $\stackrel{1}{\square}$ | $2$ | $3$ | $\stackrel{4}{\square}$ | $\stackrel{5}{\square}$ | $\stackrel{6}{\square}$ | $\stackrel{7}{\square}$ |
| 10 | Our company can trust employees of brand X | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | - ${ }^{\square}$ | $\stackrel{4}{\square}$ | 5 | $\stackrel{6}{\square}$ | 7 |
| 11 | We buy brand X as employees of brand X are polite | $\begin{gathered} 1 \\ \square \\ \square \end{gathered}$ | $2$ | $\square$ $\square$ | $\stackrel{4}{\square}$ | $5$ | $\stackrel{6}{\square}$ | 7 |
| 12 | Employees of brand X give us personal attention | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | 5 | $\stackrel{6}{\square}$ | 7 |
| 13 | Our company buys brand X because it provides good online information | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | 3 | $\stackrel{4}{\square}$ | 5 | $\stackrel{6}{\square}$ | 7 |
| 14 | Our company buys brand X because it provides good information \& documentation | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | $\begin{aligned} & 5 \\ & \square \end{aligned}$ | $\stackrel{6}{\square}$ | 7 |
| 15 | Our company buys brand X because it quickly provides supplementary information | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | 5 | $\stackrel{6}{\square}$ | $\stackrel{7}{\square}$ |


|  |  | Strongly disagree |  |  |  |  | Stronglyagree |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 16 | Our company expects the overall prices of brand X to be high | $\begin{gathered} 1 \\ \square \\ \square \end{gathered}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | $\begin{aligned} & 3 \\ & \square \\ & \hline \end{aligned}$ | $\begin{gathered} 4 \\ \square \\ \hline \end{gathered}$ | 5 $\square$ | $\begin{aligned} & 6 \\ & \square \\ & \hline \end{aligned}$ | $\stackrel{7}{\square}$ |
| 17 | Brand X's prices are likely to be higher than average market prices for the same products | $\begin{array}{\|c} 1 \\ \square \\ \hline \end{array}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | $3$ | $\begin{aligned} & 4 \\ & \square \end{aligned}$ | $\stackrel{5}{\square}$ | $6$ | $\stackrel{7}{\square}$ |
| 18 | The higher price of brand X reflects its quality | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | $\square$ | $\stackrel{4}{\square}$ | $\stackrel{5}{\square}$ | $\stackrel{6}{\square}$ | $\stackrel{7}{\square}$ |
| 19 | This brand has good price information for every type of product and situation | $\begin{gathered} 1 \\ \square \end{gathered}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | $\stackrel{5}{\square}$ | $\begin{aligned} & 6 \\ & \square \end{aligned}$ | $\stackrel{7}{\square}$ |
| 20 | The price of this brand is acceptable | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | 3 | $\stackrel{4}{\square}$ | 5 | $\square$ | $\stackrel{7}{\square}$ |


|  |  | Strongly disagree |  |  |  |  | Stronglyagree |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 21 | Our company uses brand X , because it contributes to profit maximization | $\begin{aligned} & 1 \\ & \square \end{aligned}$ | $\begin{gathered} 2 \\ \square \\ \square \end{gathered}$ | $\begin{aligned} & 3 \\ & \square \\ & \square \end{aligned}$ | $\begin{aligned} & 4 \\ & \square \\ & \square \end{aligned}$ | $\begin{gathered} 5 \\ \square \end{gathered}$ | $\begin{aligned} & 6 \\ & \square \\ & \hline \end{aligned}$ | $\stackrel{7}{\square}$ |
| 22 | We consider using brand X because the company continually succeeds in increasing the wealth of stakeholders | $\begin{gathered} 1 \\ \square \end{gathered}$ | $\begin{gathered} 2 \\ \square \\ \hline \end{gathered}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | $\stackrel{5}{\square}$ | $\stackrel{6}{\square}$ | $\stackrel{7}{\square}$ |
| 23 | The company of brand X always respects its suppliers | $\square$ | $\stackrel{2}{\square}$ | $\square$ $\square$ | 4 | $\square$ $\square$ | $\stackrel{6}{\square}$ | 7 |
| 24 | Our company would like to use brand X because the managers of the organization respect the laws and regulations of the country | $\begin{gathered} 1 \\ \square \\ \hline \end{gathered}$ | $\begin{gathered} 2 \\ \square \\ \hline \end{gathered}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | $\stackrel{5}{\square}$ | $\stackrel{6}{\square}$ | $\stackrel{7}{\square}$ |
| 25 | We would like to use brand X because its internal policy prevents discrimination. | $\begin{array}{\|l} \hline 1 \\ \square \\ \hline \end{array}$ | $2$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | $\square$ $\square$ $\square$ | $\stackrel{6}{\square}$ | 7 |
| 26 | We consider using brand X as it respects social customs and cultural heritage | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | 4 | 5 | $\square$ | $\stackrel{7}{\square}$ |
| 27 | We decide to use brand X because it is committed to "sustainable development" through consuming less natural resources | $\begin{aligned} & 1 \\ & \square \\ & \hline \end{aligned}$ | $\begin{gathered} 2 \\ \square \\ \hline \end{gathered}$ | $\stackrel{3}{\square}$ | $\begin{aligned} & 4 \\ & \square \\ & \square \end{aligned}$ | $\begin{gathered} 5 \\ \square \\ \square \end{gathered}$ | $6$ | $\stackrel{7}{\square}$ |
| 28 | Our company uses brand X because the manager of the company monitors the potential negative impact on the community | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | $\stackrel{5}{\square}$ | $\stackrel{6}{\square}$ | $\stackrel{7}{\square}$ |
| 29 | We consider using brand X as it preserves the jobs at a reasonable profit margin and helps its employees to engage in community work | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | 5 $\square$ | $\stackrel{6}{\square}$ | $\stackrel{7}{\square}$ |
| 30 | We decide to use brand X because it has a "Recycling" programme | $\begin{array}{\|l\|} \hline 1 \\ \square \\ \square \end{array}$ | $\begin{gathered} 2 \\ \square \\ \square \end{gathered}$ | $\stackrel{3}{\square}$ | $\begin{aligned} & \square \\ & \square \\ & \square \end{aligned}$ | $\begin{array}{\|c} \hline 5 \\ \square \\ \square \end{array}$ | $\stackrel{6}{\square}$ | 7 |
| 31 | We decide to use brand X because it has a "Recovery" programme | $\begin{aligned} & 1 \\ & \square \\ & \square \end{aligned}$ | $2$ | $\stackrel{3}{\square}$ | $\begin{array}{\|l} \hline 4 \\ \square \\ \hline \end{array}$ | $\begin{aligned} & 5 \\ & 5 \\ & \square \end{aligned}$ | $\square$ | $\stackrel{7}{\square}$ |
| 32 | We decide to use brand X because it has a "Disposal" programme | $\begin{aligned} & 1 \\ & \square \\ & \square \end{aligned}$ | $\begin{gathered} 2 \\ 2 \\ \square \\ \hline \end{gathered}$ | $\begin{aligned} & 3 \\ & \square \\ & \square \end{aligned}$ | $\begin{aligned} & 4 \\ & \square \\ & \square \end{aligned}$ | $\begin{array}{\|c} \hline 5 \\ \square \\ \hline \end{array}$ | $\bigcirc$ | $\stackrel{7}{\square}$ |


|  | tion E | Strongly disagree |  |  |  |  | Stronglyagree |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 33 | We consider buying brand X because it is well managed | $\begin{gathered} 1 \\ \square \\ \square \end{gathered}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | 4 | 5 $\square$ $\square$ | $\stackrel{6}{\square}$ | $\stackrel{7}{\square}$ |
| 34 | Our company buys brand X because it is customer focused | $\begin{aligned} & 1 \\ & \square \end{aligned}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | $\begin{aligned} & 3 \\ & \square \end{aligned}$ | $\stackrel{4}{\square}$ | 5 $\square$ | $\stackrel{6}{\square}$ | 7 |
| 35 | We buy brand X because the company has the reputation of being a good corporate citizen | $\begin{aligned} & 1 \\ & \square \\ & \square \end{aligned}$ | $\begin{gathered} 2 \\ \square \\ \square \end{gathered}$ | $3$ | $\stackrel{4}{\square}$ | 5 | $\stackrel{6}{\square}$ | 7 |
| 36 | Our company buys brand X because it is product driven | $\begin{aligned} & 1 \\ & \square \end{aligned}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | 5 | $\stackrel{6}{\square}$ | $\stackrel{7}{\square}$ |
| 37 | Our company decides to buy brand x because it is a successful company | $\stackrel{1}{\square}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | 3 | $\stackrel{4}{\square}$ | 5 | $\square$ | 7 |
| 38 | We always decide to buy brand X because the company is innovation oriented | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | 4 | 5 | $\stackrel{6}{\square}$ | $\stackrel{7}{\square}$ |


| Question F |  | Strongly disagree |  |  |  | Strongly agree |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 39 | The relationship our company has with brand X is something we are very committed to | $\stackrel{1}{\square}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | 3 | $\stackrel{4}{\square}$ | $\stackrel{5}{\square}$ | $\stackrel{6}{\square}$ | 7 |
| 40 | We use our maximum effort to maintain the relationship with brand X | $\stackrel{1}{\square}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | $\stackrel{3}{\square}$ | $\begin{gathered} \square \\ \hline \square \end{gathered}$ | $\stackrel{5}{\square}$ | $\square$ | $\stackrel{7}{\square}$ |
| 41 | We would do almost anything to keep the relationship with brand X | $\begin{aligned} & 1 \\ & \square \\ & \square \end{aligned}$ | $\begin{aligned} & 2 \\ & \square \end{aligned}$ | $3$ | 4 | $\square$ $\square$ | $\bigcirc$ | $\square$ $\square$ |
| 42 | We care a great deal about the long term relationship with brand X | $\stackrel{1}{\square}$ | $\stackrel{2}{\square}$ | $\stackrel{3}{\square}$ | $\stackrel{4}{\square}$ | $\stackrel{5}{\square}$ | $\stackrel{6}{\square}$ | 7 |
| 43 | If asked, we would recommend products of brand X | $\square$ $\square$ | $\stackrel{\square}{\square}$ | 3 | 4 | 5 | 6 | 7 |
| 44 | We intend to use products of brand X again in the future | $\stackrel{1}{\square}$ | 2 |  | 4 | $5$ | $6$ | 7 |

## SECTION II: PROFILE INFORMATION

1. In the table below, please choose from the options in column 1, the quantity of each type of electronic office equipment currently in use within your organization.

In column 2, please choose from the options provided on the average age of the particular equipment used within your organization.

In column 3, please indicate the brand name(s) of the current equipment in use.

|  | Type of Electronic Office <br> Equipment | Number of <br> equipment in <br> use | Average age <br> of equipment | Equipment <br> brand in use |
| :--- | :--- | :---: | :--- | :--- |
| 1. | Computer Servers |  |  |  |
| 2. | Desktop Computers |  |  |  |
| 3. | Notebook Computers |  |  |  |
| 4. | Dot Matrix Printers |  |  |  |
| 5. | Laser Printers |  |  |  |
| 6. | Photocopiers |  |  |  |
| 7. | Scanners |  |  |  |
| 8. | Multi-functional Products (performs <br> more than one function like printing, <br> scanning, copying and faxing) |  |  |  |
| 9. | Multimedia projectors/LCD projectors |  |  |  |
| 10. | Electronic White Boards |  |  |  |
| 11. | PBX/PABX (Phone-line switches) |  |  |  |
| 12. | Fax Machines |  |  |  |
| 13. | Others, please specify: ------------------- |  |  |  |
|  | - |  |  |  |

2. Please indicate the primary business of your company, for example Banking, Education, Retail, Consulting, Agriculture, Equipment Manufacturing, etc.
3. Please indicate the number of employees in your company

Less than 5
Between 5-15
Between 16-30
Between 31-50
Between 51-100
Between 101-250
Between 251-500
More than 500

4. Is your company planning to buy new electronic office equipment?

Yes
No
5. If your answer is yes in question no. 4, please state what is the purpose to buy?

Totally new purchase
Upgrading to be better
Replacement
Additional units

6. If your answer is yes in question no. 4, please state what type of electronic office equipment your company wants to buy?

|  | Type of Electronic Office Equipment |  |
| :---: | :---: | :---: |
| 1. | Computer Servers | $\square$ |
| 2. | Desktop Computers |  |
| 3. | Notebook Computers |  |
| 4. | Dot Matrix Printers |  |
| 5. | Laser Printers |  |
| 6. | Photocopiers |  |
| 7. | Scanners |  |
| 8. | Multi-functional Products (performs more than one function like printing, scanning, copying and faxing) | $\square$ |
| 9. | Multimedia projectors/LCD projectors | $\square$ |
| 10. | Electronic White Boards |  |
| 11. | PBX/PABX (Phone-line switches) |  |
| 12. | Fax Machines | $\square$ |
| 13. | Others, please specify: $\qquad$ $\qquad$ | $\square$ |

7. If yes, please state what brand of electronic office equipment your company wants to buy?
----------------------------------------
8. How is the purchase decision of office equipment made in your company?

Owner/CEO decides
Based on individual staff requests
As and when needed
Based on budgetary plans and procedures
Purchase Committee
Centralized Head Office decision
Others
(please specify) $\qquad$


## SECTION III: DEMOGRAPHIC PROFILE




Please use the space provided for any additional comments/suggestions.
Comments/Suggestions:

## Thank you for your cooperation

If you wish to have a specific report on the main findings of this study, please fill in the form below:

## REQUEST FOR INFORMATION

I would like to know the result of this survey. Please send it to:
Name of respondent
: _ $\qquad$
Name of company : $\qquad$
Mailing address :_ ___ Postcode $\qquad$
$\qquad$
Email
Delivery preference :
(please tick in box) $\square$ Hard copy (post mail) $\quad \square$ MsWord (e-mail)

## Appendix C. Profile of Respondents

| No. | Profile of Respondent | Frequency | Percent (\%) | Mean | Standard Deviation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Gender: Male <br> Female | $\begin{aligned} & 172 \\ & 100 \\ & \hline \end{aligned}$ | $\begin{array}{r} 63.2 \\ 36.8 \\ \hline \end{array}$ | 1.37 | . 48 |
|  | Total | 272 | 100.0 |  |  |
| 2 | Age <br> 25-29 years old <br> 30-34 years old <br> 35-39 years old <br> 40-44 years old <br> 45-49 years old <br> 50-54 years old <br> 55-60 years old | $\begin{aligned} & 4 \\ & 69 \\ & 106 \\ & 61 \\ & 19 \\ & 6 \\ & 3 \\ & \hline \end{aligned}$ | $\begin{aligned} & 1.5 \\ & 25.4 \\ & 39.0 \\ & 22.4 \\ & 7.0 \\ & 2.2 \\ & 1.1 \\ & \hline \end{aligned}$ | 4.19 | 1.08 |
|  | Total Missing | $268$ | $\begin{aligned} & \mathbf{9 8 . 5} \\ & 1.5 \\ & \hline \end{aligned}$ |  |  |
| 3 | Race: Malay Chinese Indian Others | $\begin{aligned} & 76 \\ & 155 \\ & 33 \\ & 5 \end{aligned}$ | $\begin{aligned} & 27.9 \\ & 57.0 \\ & 12.1 \\ & 1.8 \end{aligned}$ | 1.88 | . 68 |
|  | Total Missing | $\begin{aligned} & \mathbf{2 6 9} \\ & 3 \end{aligned}$ | $\begin{aligned} & \mathbf{9 8 . 9} \\ & 1.1 \end{aligned}$ |  |  |
| 4 | Highest Level of Educational: <br> Secondary School (SPM/STPM) <br> Diploma <br> Undergraduate/Bachelor <br> Master <br> Professional Qualification | $\begin{aligned} & 2 \\ & 41 \\ & 183 \\ & 25 \\ & 15 \end{aligned}$ | $\begin{aligned} & .7 \\ & 15.1 \\ & 67.3 \\ & 9.2 \\ & 5.5 \end{aligned}$ | 3.09 | . 88 |
|  | Total Missing | $\begin{aligned} & \hline 266 \\ & 6 \end{aligned}$ | $\begin{aligned} & \hline \mathbf{9 7 . 8} \\ & 2.2 \end{aligned}$ |  |  |
| 5 | Period of Working experience: under 5 years <br> 6-10 years <br> 11-15 years <br> 16-20 years <br> 21-more | $\begin{aligned} & 1 \\ & 54 \\ & 79 \\ & 84 \\ & 45 \end{aligned}$ | $\begin{aligned} & .4 \\ & 19.9 \\ & 29.0 \\ & 30.9 \\ & 16.5 \end{aligned}$ | 3.45 | 1.01 |
|  | Total Missing | $\begin{aligned} & 263 \\ & 9 \end{aligned}$ | $\begin{aligned} & \mathbf{9 6 . 7} \\ & 3.3 \end{aligned}$ |  |  |
| 6 | Functional/area in company: <br> CEO <br> General Manager <br> Production/Operational Manager <br> Financial Manager <br> Marketing Manager <br> Others | $\begin{aligned} & 12 \\ & 70 \\ & 42 \\ & 97 \\ & 49 \\ & 2 \end{aligned}$ | $\begin{aligned} & 4.4 \\ & 25.7 \\ & 15.4 \\ & 35.7 \\ & 18.0 \\ & .7 \end{aligned}$ | 3.39 | 1.20 |
|  | Total | 272 | 100.0 |  |  |
| 7 | Income per month: <br> RM 4,000.00-4,999.00 <br> RM 5,000.00-5,999.00 <br> RM 6,000.00-6,999.00 <br> RM 7,000.00-7,999.00 <br> RM 8,000.00-8,999.00 <br> RM 9,000.00-9,999.00 <br> RM 10,000.00 - More | $\begin{aligned} & 20 \\ & 46 \\ & 54 \\ & 69 \\ & 38 \\ & 19 \\ & 13 \\ & \hline \end{aligned}$ | $\begin{aligned} & 7.36 \\ & 16.9 \\ & 19.9 \\ & 25.4 \\ & 14.0 \\ & 7.0 \\ & 4.8 \\ & \hline \end{aligned}$ | 4.83 | 1.68 |
|  | Total Missing | $\begin{aligned} & \hline \mathbf{2 5 9} \\ & 13 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \mathbf{9 5 . 2} \\ & 4.8 \\ & \hline \end{aligned}$ |  |  |

Appendix D. Univariate Normality

|  | N | Skewness |  | Kurtosis |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Statistic | Statistic | Std. Error | Statistic | Std. Error |
| PQ1 | 272 | -. 275 | . 148 | -. 426 | . 294 |
| PQ2 | 272 | -. 272 | . 148 | . 162 | . 294 |
| PQ3 | 272 | -. 152 | . 148 | -. 586 | . 294 |
| PQ4 | 272 | -. 128 | . 148 | -. 817 | . 294 |
| PQ5 | 272 | -. 175 | . 148 | -. 534 | . 294 |
| PQ6 | 272 | -. 054 | . 148 | -. 693 | . 294 |
| PQ7 | 272 | -. 375 | . 148 | -. 477 | . 294 |
| SQ1 | 272 | -. 151 | . 148 | -. 842 | . 294 |
| SQ2 | 272 | -. 090 | . 148 | -. 989 | . 294 |
| SQ3 | 272 | -. 055 | . 148 | -. 770 | . 294 |
| SQ4 | 272 | -. 209 | . 148 | -. 886 | . 294 |
| SQ5 | 272 | -. 211 | . 148 | -. 761 | . 294 |
| SQ6 | 272 | -. 294 | . 148 | -. 607 | . 294 |
| SQ7 | 272 | -. 238 | . 148 | -. 510 | . 294 |
| SQ8 | 272 | -. 160 | . 148 | -. 739 | . 294 |
| Pr1 | 272 | -. 290 | . 148 | -. 321 | . 294 |
| Pr2 | 272 | -. 335 | . 148 | -. 338 | . 294 |
| Pr3 | 272 | -. 346 | . 148 | -. 181 | . 294 |
| Pr4 | 272 | -. 340 | . 148 | -. 301 | . 294 |
| Pr5 | 272 | -. 353 | . 148 | . 059 | . 294 |
| EB1 | 272 | -. 167 | . 148 | -. 635 | . 294 |
| EB2 | 272 | . 101 | . 148 | -1.040 | . 294 |
| EB3 | 272 | -. 121 | . 148 | -. 862 | . 294 |
| EB4 | 272 | -. 139 | . 148 | -. 786 | . 294 |
| EB5 | 272 | -. 162 | . 148 | -. 842 | . 294 |
| EB6 | 272 | . 151 | . 148 | -. 881 | . 294 |
| EB7 | 272 | -. 315 | . 148 | -. 634 | . 294 |
| EB8 | 272 | -. 191 | . 148 | -. 795 | . 294 |
| EB9 | 272 | -. 036 | . 148 | -. 718 | . 294 |
| EB10 | 272 | -. 326 | . 148 | -. 307 | . 294 |
| EB11 | 272 | -. 216 | . 148 | -. 229 | . 294 |
| EB12 | 272 | -. 221 | . 148 | -. 700 | . 294 |
| CR1 | 272 | -. 240 | . 148 | -. 489 | . 294 |
| CR2 | 272 | -. 413 | . 148 | -. 410 | . 294 |
| CR3 | 272 | -. 116 | . 148 | -. 781 | . 294 |
| CR4 | 272 | -. 366 | . 148 | -. 544 | . 294 |
| CR5 | 272 | -. 331 | . 148 | -. 548 | . 294 |
| CR6 | 272 | -. 415 | . 148 | -. 535 | . 294 |
| BL1 | 272 | -. 268 | . 148 | -. 717 | . 294 |
| BL2 | 272 | -. 032 | . 148 | -. 558 | . 294 |
| BL3 | 272 | -. 120 | . 148 | -. 850 | . 294 |
| BL4 | 272 | -. 399 | . 148 | -. 654 | . 294 |
| BL5 | 272 | -. 483 | . 148 | -. 456 | . 294 |
| BL6 | 272 | -. 443 | . 148 | -. 668 | . 294 |
| Valid N (EM) | 272 |  |  |  |  |

## Outlier Identifying Testing





## Appendix E. Linearity and Homoscedasticity

Histogram


Normal P-P Plot of Regression Standardized Residual

Dependent Variable: Brand_Loyalty


Scatterplot

Dependent Variable: Brand_Loyalty



Partial Regression Plot

Dependent Variable: Brand_Loyalty


Partial Regression Plot


## APPENDIX F. STEP-ONE APPROACH-THE COMBINED MEASUREMENT MODEL



| Fit <br> Indices | $\mathbf{X}^{\mathbf{2}}$ | $\mathbf{X}^{\mathbf{2 / d f}}$ | $\mathbf{G F I}$ | $\mathbf{T L I}$ | CFI | RMSEA |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 818.196 <br> $(\mathrm{P}<.000$ | 1.71 | .847 | .923 | .930 | .051 |

## APPENDIX H. STEP-TWO APPROACH-THE STRUCTURAL MODEL



| Fit <br> Indices | $\mathbf{X}^{\mathbf{2}}$ | $\mathbf{X}^{\mathbf{2 / d f}}$ | GFI | TLI | CFI | RMSEA |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 882.273 <br> $(\mathrm{P}<.000)$ | 1.83 | .838 | .909 | .917 | .055 |

