

CHAPTER V

CONCLUSIONS, LIMITATION, AND MANAGERIAL IMPLICATIONS

5.1. Conclusions

The purposes of this study is to study whether consumers' demographics factors (gender, age, level of education, monthly income, employment status, house-ownership, marital status, and family size) and consumers' values significantly influence the consumers' willingness to pay more for green products or not. In this study, two facts are revealed in the hypothesis testing. Based on the hypothesis testing it can be concluded that:

1. From Chi-Square analysis which test the relationship between consumers' demographics (gender, age, level of education, monthly income, employment status, house-ownership, marital status, and family size) with the consumers' willingness to pay more for green products, it is revealed that there are no relationships between the consumers' demographics factors with the consumers' willingness to pay more for green products.

2. Consumers' Value (Collectivism) is a significant influence to the consumers' willingness to pay more for green product. It can be seen from the results of multiple regression analysis which shows that the t test for Consumers' Value (Collectivism) result is 2.480 with significant level of 0.014. As the significant level of value (collectivism) is lower than 0.05, therefore H9 is accepted. It means that the consumers' willingness to pay

more for green products is significantly influenced by consumers' values although the other consumers' values such as security, fun, and individualism are statistically proved as not influencing the consumers' willingness to pay more for green products.

5.2. Research Limitation

The limitations of this study are:

- a. This study only explains whether consumers' demographics factors and consumers' values influence the consumers' willingness to pay more for green products or not.
- b. The result of this research cannot be generalized for all Indonesian. It simply because the research is only conducted in the area of Daerah Istimewa Yogyakarta.
- c. There is time limitation. For collecting more data and better result, longer time and more samples are needed. However, this research only has 20 days for distributing and collecting the questionnaires, that was July 7th 2009 until July 27th 2009.

5.3. Managerial Implications

This study reveals that collectivism is an important principle guiding consumers' lives. With a strong influence of the eastern culture, Indonesian tends to be collectivist; this finding can be important information for marketer in marketing green products. In the effort to promote green products consumption,

marketer may find it profitable to bring consumers to the area of purchasing through packaging that emphasizes societal good and warm relationship with other as good value of green consumption.

5.4. Directions for the future research

With the limitation of this research, actually there are still many variables that can be examined. Or perhaps in the next research, it could be interesting to integrate to the other factor related to the specific product such as prices, brand image, advertisement, product quality, and packaging. It could be also comparing the research by doing research on other areas, expanding the research location, getting more samples or focusing on a specific character of respondents or a specific product or industry.

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Appendix A: Research Instrument (English version)



RESEARCH QUESTIONNAIRE



THE INFLUENCE OF KNOWLEDGE AND VALUES TOWARD
THE CONSUMERS' WILLINGNESS TO PAY MORE
FOR GREEN PRODUCT

Dear Respondents,

Hereby, I Karlina, student of Economic Faculty of University of Atma Jaya Yogyakarta, will conduct a research regarding on the thesis that I write, entitled "The Influence of Knowledge and Values toward the Consumers' Willingness to Pay More for Green Products"

For that reason, I wish that you'll kindly fill-in the questionnaires.

Since this is just a scientific research, any information gathered will only be used for the importance of research only. Thank you very much for your cooperation.

Sincerely,
Karlina

I. Respondents Data

Please put a tick (✓) on the space provided which represents your answer:

1. Gender :

Male

Female

2. Age

- < 21 years old
- 21 - 30 years old
- 31 - 40 years old

- 41 - 50 years old
- > 50 years old

3. Level of Education

- Undergraduate
- Academic / University graduate

- Postgraduate
- Other...

4. Monthly Income

- < Rp. 1.000.000
- Rp. 1.000.000 - Rp. 3.000.000
- Rp. 3.000.000 - Rp. 5.000.000

> Rp. 5.000.000

5. Employment status

- Students
- Employee
- Civil Servant

- Policeman
- Businessman
- Other...

6. House ownership

- Boarding house
- Parents' house
- Rented house

- House owner
- Other...

7. Marital status

- Single
- Married with children
- Married without children
- Divorced

8. Family size

- Live by yourself
- Live with 2 persons
- Live with 3- 5 persons
- Live with more than 5 persons

II. Values

Please answer the questions below by filling the proper column to your answer with a tick (✓).

V I : Very Important

I : Important

R I : Rather Important

N : Neutral

V U : Very Unimportant

U : Unimportant

R U : Rather Unimportant

No	Statement	VU 1	U 2	RU 3	N 4	RI 5	I 6	VI 7
VALUES								
K1	Collectivism							
	A. Love (i.e. Compassion, Affection)							
	B. Useful (i.e. Working for the welfare of others)							
	C. Warm relationship with others							
S2.	Security							
	D. Security							
F3.	Fun /Enjoyment							
	E. Excitement							
	F. Fun and enjoyment of life							
I4.	Individualism							
	G. A sense of accomplishment							
	H. Self-respect							
	I. Self-fulfillment							
	J. Independent (i.e. Self Reliant)							

III. Willingness to pay more for environmentally friendly products

Please answer the questions below by filling the proper column to your answer with a tick (✓).

S A : Strongly Agree

A : Agree

R A : Rather Agree

N : Neutral

S D : Strongly Disagree

D : Disagree

R D : Rather Disagree

NO	Statement	SD 1	D 2	RD 3	N 4	RA 5	A 6	SA 7
Willingness to pay more for green products								
W1.	It is acceptable to pay 10 % more for groceries that are produced, processed, and packaged in an environmentally friendly way							
W2.	I would accept paying 10% more of tax for an environmental cleanup program							
W3.	I would be willing to spend an extra \$10 a week in order to buy less environmentally harmful products.							

Appendix B: Research Instrument (Bahasa Indonesia version)



Let's save our planet!



KUESIONER PENELITIAN



“PENGARUH PENGETAHUAN MENGENAI LINGKUNGAN DAN NILAI-NILAI TERHADAP KEMAUAN KONSUMEN MEMBAYAR LEBIH PADA PRODUK HIJAU”

Responden yang terhormat,

Saya, Karlina, mahasiswa Fakultas Ekonomi Universitas Atma Jaya Yogyakarta, akan mengadakan sebuah penelitian untuk skripsi saya yang berjudul “Pengaruh Pengetahuan mengenai Lingkungan dan Nilai-Nilai terhadap Kemauan Konsumen Membayar Lebih Pada Produk Hijau”

Untuk itu, saya mohon kesediaan Anda untuk mengisi kuesioner ini.

Kuesioner ini hanya akan digunakan dalam penelitian ilmiah yang akan saya tulis, adapun informasi yang akan terkumpul hanya digunakan untuk kepentingan penelitian semata. Terima kasih atas kesediaan dan kerjasama yang Anda berikan.

Hormat saya,
Karlina

I. Data Responden

Berilah tanda (✓) untuk mewakili jawaban Anda:

1. Jenis Kelamin :

Laki-laki

Perempuan

2. Usia :

- < 21 tahun
- 21 - 30 tahun
- 31 - 40 tahun

3. Tingkat pendidikan :

- SMA
- Akademi / Sarjana

Pascasarjana
 Lain-lain...

4. Pendapatan per bulan :

- < Rp. 1.000.000
- Rp. 1.000.000 - Rp. 3.000.000
- Rp. 3.000.000 - Rp. 5.000.000
- > Rp. 5.000.000,00

5. Pekerjaan :

- Pelajar
- Pegawai swasta
- PNS

- ABRI / TNI / POLRI
- Wiraswasta
- Lain-lain...

6. Kepemilikan Rumah :

- Kos-kosan
- Rumah orang tua
- Kontrak

- Rumah milik sendiri
- Lain-lain...

7. Status perkawinan :

- Belum menikah
- Menikah dan mempunyai anak
- Menikah tetapi tidak mempunyai anak
- Bercerai

8. Ukuran keluarga :

- Tinggal sendiri
- Tinggal bersama dengan 2 orang
- Tinggal bersama dengan 3-5 orang
- Tinggal bersama dengan lebih dari 5 orang

II. Nilai-Nilai

Berikan tanda (✓) untuk menandai jawaban Anda pada pernyataan di bawah ini. Seberapa pentingkah nilai-nilai di bawah ini bagi Anda. Pastikan jawaban yang Anda pilih dapat mewakili diri Anda.

SP	: Sangat Penting	STP	: Sangat Tidak Penting
P	: Penting	TP	: Tidak Penting
AP	: Agak Penting	ATP	: Agak Tidak Penting
N	: Netral		

No	PERNYATAAN	STP 1	TP 2	ATP 3	N 4	AP 5	P 6	SP 7
NILAI-NILAI								
K1	Kolektivisme							
	A. Cinta (kasih sayang, kelembutan)							
	B. Berguna (bekerja untuk kesejahteraan bersama)							
	C. Hubungan hangat dengan orang lain							
S2	Security/ keamanan							
	D. Keamanan							
F3	Fun / enjoyment							
	E. Kegembiraan							
	F. Kesenangan dan kepuasan hidup							
I4	Individualisme							
	G. Rasa berprestasi							
	H. Harga diri							
	I. Pemenuhan diri							
	J. Kemerdekaan (percaya diri)							

III. Kemauan membayar lebih pada produk hijau

Berikan tanda (✓) untuk menandai jawaban Anda pada pernyataan di bawah ini. Setujukah Anda dengan pernyataan di bawah ini. Pastikan jawaban yang Anda pilih dapat mewakili diri Anda.

SS	: Sangat Setuju	STS	: Sangat Tidak Setuju
S	: Setuju	TS	: Tidak Setuju
AS	: Agak Setuju	ATS	: Agak Tidak Setuju
N	: Netral		

NO	PERNYATAAN	STS 1	TS 2	ATS 3	N 4	AS 5	S 6	SS 7
Kemauan membayar lebih pada produk hijau								
W1	Membayar 10 % lebih mahal untuk produk-produk yang diproduksi, diproses, dan dibungkus dengan cara yang ramah lingkungan adalah sesuatu hal yang dapat wajar							
W2	Saya bersedia membayar pajak sebesar 10% untuk program kebersihan lingkungan.							
W3	Saya bersedia membelanjakan uang sebesar Rp.100.000 dalam seminggu untuk membeli produk yang tidak mengganggu lingkungan.							

Appendix C: Crosstabs Analysis (Chi-Square Analysis) Results

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Willingness to Pay * Gender	206	100.0%	0	.0%	206	100.0%
Willingness to Pay * Age	206	100.0%	0	.0%	206	100.0%
Willingness to Pay * Level of education	206	100.0%	0	.0%	206	100.0%
Willingness to Pay * Monthly Income	206	100.0%	0	.0%	206	100.0%
Willingness to Pay * Employment Status	206	100.0%	0	.0%	206	100.0%
Willingness to Pay * House Ownership	206	100.0%	0	.0%	206	100.0%
Willingness to Pay * Marital Status	206	100.0%	0	.0%	206	100.0%
Willingness to Pay * Family Size	206	100.0%	0	.0%	206	100.0%

Willingness to Pay * Gender

Crosstab

Count

	Gender		Total
	Male	Female	
Willingness to Pay	10	6	16
	33	41	74
	65	51	116
Total	108	98	206

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	3.076 ^a	2	.215
Likelihood Ratio	3.085	2	.214
Linear-by-Linear Association	.316	1	.574
N of Valid Cases	206		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7,61.

Willingness to Pay * Age

Crosstab

Count

		Age					Total
		< 21	21 - 30	31 - 40	41 - 50	> 50	
Willingness to Pay	Low	2	8	3	2	1	16
	Medium	16	31	15	8	4	74
	High	10	66	23	15	2	116
Total		28	105	41	25	7	206

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	10.034 ^a	8	.263
Likelihood Ratio	9.867	8	.274
Linear-by-Linear Association	.001	1	.980
N of Valid Cases	206		

a. 6 cells (40,0%) have expected count less than 5. The minimum expected count is ,54.

Willingness to Pay * Level of education

Crosstab

Count

	Level of education				Total	
	Under graduate	Academy/ University graduate	Post graduate	Others		
Willingness to Pay	Low	7	8	1	0	16
	Medium	39	31	2	2	74
	High	41	67	6	2	116
Total	87	106	9	4	206	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.781 ^a	6	.342
Likelihood Ratio	7.110	6	.311
Linear-by-Linear Association	2.246	1	.134
N of Valid Cases	206		

a. 5 cells (41,7%) have expected count less than 5. The minimum expected count is ,31.

Willingness to Pay * Monthly Income

Crosstab

Count

	Monthly Income				Total
	< Rp.1000.000	Rp.1000.000 - Rp.3000.000	Rp 3000000 - Rp 5000000	> Rp.5000.000	
Willingness to Pay	Low	10	4	1	16
	Medium	43	19	6	74
	High	53	40	14	116
Total		106	63	21	206

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	4.106 ^a	6	.662
Likelihood Ratio	4.152	6	.656
Linear-by-Linear Association	1.905	1	.168
N of Valid Cases	206		

a. 3 cells (25,0%) have expected count less than 5. The minimum expected count is 1,24.

Willingness to Pay * Employment Status

Crosstab

Count

	Employment Status					Total
	Student	Employee	Civil Servant	Businessman	Others	
Willingness to Pay Low	5	5	1	1	4	16
Medium	15	29	2	16	12	74
High	27	44	3	29	13	116
Total	47	78	6	46	29	206

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.120 ^a	8	.634
Likelihood Ratio	6.452	8	.597
Linear-by-Linear Association	.040	1	.842
N of Valid Cases	206		

a. 6 cells (40,0%) have expected count less than 5. The minimum expected count is ,47.

Willingness to Pay * House Ownership

Crosstab

Count

	House Ownership						
	Boarding House	Parent's House	Rented House	House Owner	Others	Total	
Willingness to Pay	Low	2	6	4	4	0	16
	Medium	10	33	9	20	2	74
	High	21	40	18	35	2	116
Total	33	79	31	59	4	206	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	4.212 ^a	8	.838
Likelihood Ratio	4.347	8	.825
Linear-by-Linear Association	.007	1	.933
N of Valid Cases	206		

a. 6 cells (40,0%) have expected count less than 5. The minimum expected count is ,31.

Willingness to Pay * Marital Status

Crosstab

Count

		Marital Status				Total
		Single	Married with children	Married without children	Divorced	
Willingness to Pay	Low	9	6	1	0	16
	Medium	44	27	1	2	74
	High	65	42	9	0	116
Total	118	75	11	2	206	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	7.170 ^a	6	.305
Likelihood Ratio	8.489	6	.204
Linear-by-Linear Association	.115	1	.735
N of Valid Cases	206		

a. 5 cells (41,7%) have expected count less than 5. The minimum expected count is ,16.

Willingness to Pay * Family Size

Crosstab

Count

	Family Size				Total	
	Live by yourself	Live with 2 persons	Live with 3-5 persons	Live with more than 5 persons		
Willingness to Pay	Low	2	2	10	2	16
	Medium	14	8	35	17	74
	High	16	24	58	18	116
Total		32	34	103	37	206

Chi-Square Tests

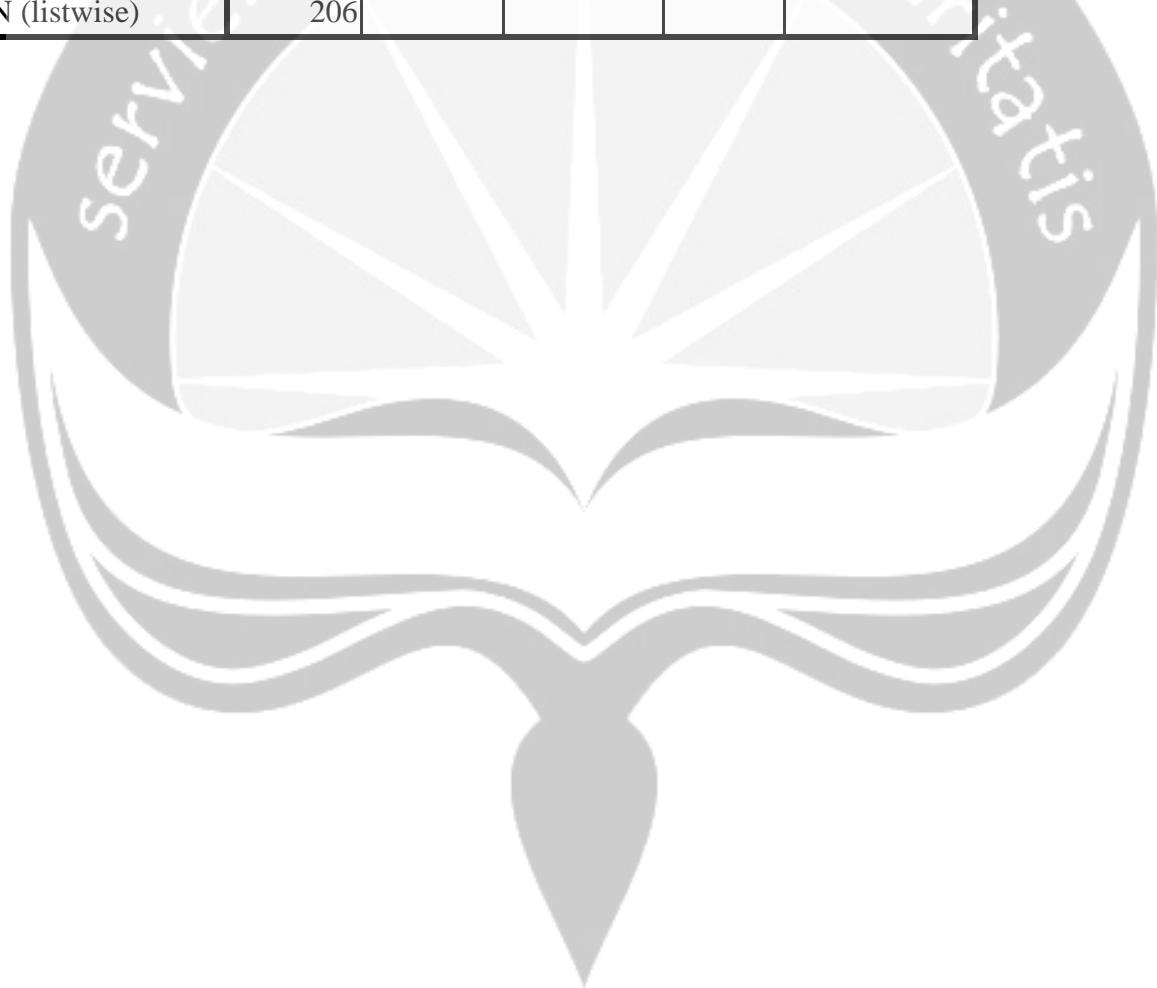
	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.001 ^a	6	.423
Likelihood Ratio	6.038	6	.419
Linear-by-Linear Association	.261	1	.609
N of Valid Cases	206		

a. 3 cells (25,0%) have expected count less than 5. The minimum expected count is 2,49.

Appendix D: Descriptive Statistics

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Collectivism (K1)	206	1.00	7.00	6.2625	1.09362
Security (S2)	206	1.00	7.00	6.5291	1.05304
Fun (F3)	206	1.00	7.00	6.0947	1.08853
Individualism (I4)	206	1.00	7.00	6.0728	.95613
Willingness to Pay	206	1.00	7.00	5.1781	1.21457
Valid N (listwise)	206				



Appendix E: Multiple Regression Analysis Results

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	individualism, fun, security, collectivism ^a		. Enter

a. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.301 ^a	.091	.072	1.16974

a. Predictors: (Constant), individualism, fun, security, collectivism

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	27.389	4	6.847	5.004	.001 ^a
	Residual	275.026	201	1.368		
	Total	302.414	205			

a. Predictors: (Constant), individualism, fun, security, collectivism

b. Dependent Variable: Willingness to pay mean

Coefficients^a

Model	Unstandardized Coefficients			t	Sig.
	B	Std. Error	Beta		
1	(Constant)	3.135	.564	5.558	.000
	collectivism	.355	.143	2.480	.014
	security	-.024	.143	-.021	.868
	fun	.015	.117	.014	.896
	individualism	-.019	.143	-.015	.895

a. Dependent Variable: Willingness to pay mean

Appendix F : Research Data

No.	No. Resp.	Gender	Age	Education Level	Monthly Income	Employment Status	House Ownership	Marital Status	Family Size
1	1	2	2	2	1	1	4	1	2
2	2	2	2	2	2	1	2	1	3
3	3	1	4	1	1	6	4	2	3
4	4	2	3	1	1	2	4	2	3
5	5	1	2	1	1	2	2	2	3
6	6	2	3	1	1	6	2	2	2
7	7	1	2	1	1	5	2	2	3
8	8	2	2	2	1	1	2	1	3
9	9	2	2	2	2	2	2	1	3
10	10	2	2	2	1	1	2	1	3
11	11	2	1	1	1	1	2	1	3
12	12	1	2	1	1	2	1	1	3
13	13	1	4	1	1	6	3	2	3
14	14	1	4	2	3	5	4	2	3
15	15	1	2	1	1	2	2	1	3
16	16	1	2	1	1	2	2	1	3
17	17	2	3	2	2	2	5	1	4
18	18	1	3	2	2	2	4	2	3
19	19	1	3	2	2	2	4	2	3
20	21	1	2	2	1	2	1	1	1
21	22	1	1	1	1	1	2	1	4
22	24	2	2	1	1	5	3	1	3
23	25	1	2	2	2	2	3	2	2
24	26	1	2	1	1	2	2	1	3
25	27	1	2	2	2	2	1	1	1
26	28	2	5	3	4	3	4	2	3
27	29	1	5	5	4	2	3	2	1
28	30	2	2	1	1	6	2	1	3
29	31	1	1	1	1	6	1	4	1
30	32	1	2	1	1	2	2	1	2
31	33	1	2	2	3	5	4	1	1
32	34	2	2	1	1	2	1	1	1
33	35	2	3	1	1	2	2	1	2
34	36	1	1	1	1	2	3	1	1
35	37	2	2	1	1	6	2	1	4
36	38	1	2	1	1	5	2	1	4
37	39	1	2	1	2	2	1	1	2
38	40	1	1	1	1	2	3	3	3
39	41	1	1	2	1	5	3	3	3
40	42	1	2	1	1	2	3	3	2
41	43	2	2	2	1	6	1	1	4
42	45	1	2	1	1	5	2	1	3
43	46	1	1	1	4	5	4	1	1
44	47	1	1	2	1	1	1	1	1
45	48	2	2	1	1	5	2	2	2

Appendix F : Research Data

No.	No. Resp.	Gender	Age	Education Level	Income	Employment Status	House Ownership	Marital Status	Family Size
46	50	1	2	5	1	2	2	1	1
47	51	1	3	1	1	2	4	2	3
48	52	2	2	1	1	2	1	1	4
49	53	2	2	1	1	2	1	1	1
50	55	2	2	2	2	6	2	1	3
51	56	1	2	2	1	5	2	1	3
52	57	2	3	3	3	5	2	2	3
53	58	2	2	2	3	2	2	2	3
54	59	2	2	2	1	1	2	1	3
55	60	2	2	2	1	1	2	1	2
56	61	2	2	2	2	2	4	2	2
57	62	2	2	2	1	6	1	1	3
58	63	2	2	1	1	2	1	1	4
59	64	2	1	1	2	2	1	1	4
60	67	2	2	1	1	2	1	1	4
61	68	1	2	2	3	1	1	1	4
62	69	2	2	1	1	5	1	1	4
63	71	2	1	1	1	5	1	1	2
64	72	1	4	1	1	5	4	2	4
65	74	1	2	1	1	5	1	1	1
66	76	2	2	1	1	6	2	2	3
67	77	1	3	2	1	2	4	2	3
68	85	2	2	2	2	2	3	1	2
69	86	1	1	2	2	1	3	1	2
70	87	1	2	2	2	1	2	1	3
71	88	2	2	2	2	6	3	1	2
72	89	1	2	2	4	1	4	1	2
73	90	1	1	2	2	1	3	1	2
74	92	1	1	2	2	1	2	1	2
75	93	2	2	1	2	1	3	1	2
76	94	2	2	1	1	1	2	1	2
77	96	2	2	2	2	2	2	1	3
78	97	1	3	1	1	2	4	2	3
79	98	2	2	2	2	2	3	2	3
80	99	1	3	2	1	6	3	1	3
81	101	1	2	2	2	1	3	2	2
82	102	1	3	1	2	6	4	2	3
83	104	1	5	3	3	3	4	2	3
84	105	1	3	1	2	2	2	2	4
85	106	1	3	1	3	2	4	2	4
86	107	1	2	1	1	5	2	1	3
87	108	1	2	2	2	2	3	1	1
88	109	1	4	1	3	2	2	2	3
89	110	1	2	2	4	5	2	1	4
90	111	1	2	1	2	2	4	2	3

Appendix F : Research Data

No.	No. Resp.	Gender	Age	Education Level	Income	Employment Status	House Ownership	Marital Status	Family Size
91	112	1	2	2	4	6	3	1	1
92	113	1	2	2	2	2	4	2	3
93	114	1	2	2	3	5	3	1	1
94	115	2	2	2	2	2	2	1	3
95	116	1	3	2	2	2	4	3	3
96	117	2	4	2	1	2	3	4	1
97	118	2	3	2	2	2	4	2	3
98	120	2	4	2	3	6	3	1	2
99	121	1	5	2	1	5	4	2	2
100	122	1	2	2	1	5	2	1	3
101	123	1	2	2	1	2	1	1	1
102	124	1	3	1	1	2	2	2	3
103	125	1	2	2	2	2	2	2	4
104	126	2	2	1	1	6	2	1	4
105	127	1	2	1	1	6	3	2	4
106	128	1	3	2	2	2	2	2	3
107	130	1	1	1	1	5	2	2	3
108	131	1	2	1	1	2	1	1	1
109	132	1	3	1	1	2	3	2	4
110	133	1	2	1	2	2	2	1	4
111	134	1	2	1	1	2	2	3	3
112	135	1	4	2	4	5	4	2	2
113	136	1	4	2	4	5	4	2	3
114	137	1	2	1	1	5	2	1	2
115	138	1	3	1	2	2	2	2	3
116	139	1	3	1	2	2	4	2	3
117	140	1	2	2	2	2	3	2	2
118	141	2	1	1	1	6	2	1	3
119	143	2	3	1	2	6	4	2	3
120	144	2	1	1	1	1	2	1	3
121	145	2	1	1	1	1	2	1	3
122	146	1	4	1	2	2	4	2	3
123	147	1	1	1	1	6	2	1	4
124	148	2	1	2	1	1	2	1	2
125	149	1	4	1	5	3	2	3	1
126	151	2	2	1	1	5	2	2	4
127	152	2	4	1	1	2	4	1	3
128	153	2	2	1	1	6	2	1	4
129	154	2	1	1	1	2	2	1	4
130	155	1	1	1	1	1	4	1	3
131	156	2	3	1	1	6	3	2	4
132	158	2	1	1	1	1	2	1	3
133	159	1	4	2	4	5	4	2	3
134	160	1	2	2	2	2	2	3	3
135	162	2	1	2	1	1	2	1	1

Appendix F : Research Data

No.	No. Resp.	Gender	Age	Education Level	Income	Employment Status	House Ownership	Marital Status	Family Size
136	163	2	1	2	1	1	2	1	1
137	164	2	4	2	2	5	4	2	4
138	165	1	4	2	2	5	4	3	2
139	168	2	1	4	1	2	5	1	4
140	169	1	3	2	4	5	4	2	3
141	171	2	2	2	1	1	2	1	2
142	172	2	2	2	1	1	1	1	4
143	173	2	2	1	2	1	1	1	1
144	174	2	2	2	1	1	1	1	1
145	175	2	2	2	2	1	1	1	1
146	176	2	2	2	1	1	1	1	1
147	177	2	2	2	1	1	2	1	3
148	178	2	2	2	1	1	2	1	1
149	179	2	2	1	2	1	1	1	1
150	180	2	2	2	1	1	2	1	3
151	181	2	2	2	1	1	2	1	3
152	182	1	2	2	1	1	1	1	1
153	183	1	2	2	2	2	1	1	1
154	184	1	2	1	3	1	2	2	4
155	185	2	4	4	4	5	4	2	3
156	186	2	2	2	1	1	2	1	3
157	187	2	2	2	1	2	1	1	1
158	188	2	2	2	2	2	4	2	3
159	189	1	3	1	1	6	4	2	3
160	190	2	3	2	2	5	4	2	3
161	191	1	4	1	2	5	4	2	3
162	192	2	2	2	2	3	4	1	2
163	193	2	3	2	2	6	4	2	3
164	194	1	3	2	2	5	4	2	3
165	195	1	4	2	3	2	4	3	2
166	196	1	3	2	2	2	4	2	3
167	197	1	3	1	2	5	4	2	3
168	198	2	3	2	2	2	2	2	3
169	199	1	2	1	1	6	2	1	3
170	200	2	3	1	1	6	4	2	3
171	201	1	3	2	2	5	4	2	3
172	202	2	1	1	1	1	2	1	4
173	203	1	4	3	3	2	4	3	2
174	204	2	4	2	4	2	4	1	2
175	205	1	3	2	1	2	5	1	4
176	206	2	5	2	3	6	4	3	1
177	207	2	5	2	4	5	4	1	2
178	208	2	3	2	2	5	4	2	3
179	209	1	4	3	1	6	5	1	4
180	210	2	5	2	4	5	4	1	4

Appendix F : Research Data

No.	No. Resp.	Gender	Age	Education Level	Income	Employment Status	House Ownership	Marital Status	Family Size
181	211	1	2	3	3	5	2	1	3
182	212	2	3	2	3	2	3	2	3
183	213	2	4	2	3	3	4	2	3
184	214	1	3	3	3	5	4	2	4
185	215	2	4	1	3	2	1	1	1
186	216	2	2	2	2	2	2	1	3
187	217	2	2	2	1	1	2	1	3
188	218	1	2	3	3	5	2	1	3
189	219	1	3	2	2	3	2	2	3
190	220	1	2	2	2	1	3	1	4
191	221	2	2	2	1	1	1	1	3
192	222	2	2	2	2	2	1	1	3
193	223	2	4	4	3	5	4	2	3
194	224	1	3	3	4	5	4	2	3
195	225	2	2	2	1	1	3	1	2
196	226	1	2	2	1	1	3	1	4
197	227	2	2	1	1	2	2	2	3
198	228	2	1	1	1	2	3	1	4
199	229	1	2	4	1	2	3	1	3
200	230	2	1	1	1	1	1	1	3
201	231	1	3	2	2	2	4	2	3
202	232	2	3	1	2	5	2	2	3
203	233	1	2	2	2	5	2	2	3
204	234	1	2	2	1	1	2	1	3
205	236	1	2	2	1	6	2	1	3
206	237	2	4	2	4	5	4	2	3

Appendix F : Research Data

No.	Values													Will to Pay		
	K1A	K1B	K1C	K1	S2D	F3E	F3F	F3	I4G	I4H	I4I	I4J	W1	W2	W3	
1	7	6	6	6,3	6	5	5	5	6	5	6	6	6	6	7	
2	6	6	6	6	6	6	6	6	6	3	6	6	6	4	3	
3	6	6	6	6	7	6	5	5,5	6	7	6	7	6	6	6	
4	6	6	6	6	6	6	5	5,5	6	7	5	6	6	6	6	
5	7	7	7	7	7	7	7	7	7	6	4	7	7	7	2	
6	7	7	7	7	7	6	6	6	7	6	6	7	6	7	7	
7	6	7	7	6,7	7	6	7	6,5	6	6	6	7	7	7	6	
8	7	7	7	7	7	7	7	7	7	7	7	7	7	6	5	
9	6	6	7	6,3	7	7	7	7	4	6	6	6	7	6	4	
10	7	7	7	7	7	7	6	6,5	6	7	5	7	6	5	5	
11	6	6	6	6	6	6	6	6	5	6	6	6	5	5	5	
12	6	7	6	6,3	7	7	6	6,5	6	7	6	7	6	6	6	
13	7	6	4	5,7	7	4	4	4	7	7	4	7	3	3	3	
14	7	7	6	6,7	6	6	6	6	6	6	6	6	6	6	4	
15	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	
16	7	7	6	6,7	6	6	6	6	6	6	6	6	6	6	6	
17	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	
18	7	7	6	6,7	7	6	7	6,5	6	6	6	7	6	6	6	
19	7	7	6	6,7	7	6	7	6,5	6	6	6	7	6	6	6	
20	7	7	6	6,7	7	7	7	7	6	7	6	7	6	6	5	
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	7	7	7	7	7	7	7	7	6	7	6	6	6	6	6	
23	7	6	7	6,7	7	7	7	7	6	7	7	7	5	5	4	
24	7	7	7	7	7	6	6	6	6	7	6	7	6	6	4	
25	7	6	7	6,7	7	5	5	5	7	7	6	7	7	6	5	
26	7	7	6	6,7	7	6	6	6	7	7	7	7	7	7	6	
27	7	7	7	7	7	7	7	7	6	7	7	7	6	2	4	
28	6	6	6	6	6	6	5	5,5	6	6	6	6	4	4	4	
29	6	6	6	6	6	6	6	6	4	4	4	6	4	4	4	
30	7	6	6	6,3	7	6	6	6	6	7	6	7	6	6	4	
31	7	6	4	5,7	7	4	6	5	4	4	4	4	6	4	5	
32	7	7	6	6,7	7	7	7	7	6	7	6	7	6	6	7	
33	7	7	7	7	6	7	7	7	6	7	6	7	6	2	2	
34	4	7	6	5,7	6	6	5	5,5	4	6	5	7	4	6	4	
35	7	6	7	6,7	7	7	6	6,5	7	7	6	7	7	7	5	
36	7	6	7	6,7	7	7	6	6,5	6	7	6	7	6	6	5	
37	7	6	7	6,7	6	6	6	6	6	6	6	6	6	6	4	
38	7	6	6	6,3	6	6	6	6	6	6	6	6	6	6	5	
39	7	7	6	6,7	7	7	5	6	7	7	6	7	7	7	5	
40	7	6	6	6,3	7	7	6	6,5	5	7	6	7	3	3	2	
41	7	7	7	7	7	7	7	7	7	7	7	7	6	6	4	
42	7	6	5	6	7	6	5	5,5	5	6	5	7	6	5	7	
43	1	7	6	4,7	6	6	6	6	6	7	5	5	6	5	2	
44	7	7	6	6,7	7	6	6	6	5	6	6	7	6	6	5	
45	7	6	6	6,3	6	6	6	6	4	6	4	7	6	4	6	

Appendix F : Research Data

No.	Values													Will to Pay		
	K1A	K1B	K1C	K1	S2D	F3E	F3F	F3	I4G	I4H	I4I	I4J	W1	W2	W3	
46	6	6	7	6,3	6	6	7	6,5	6	7	6	7	6	7	7	
47	7	6	1	4,7	7	6	7	6,5	5	6	2	6	6	4	4	
48	7	7	7	7	7	6	6,5	7	7	6	7	6	6	4		
49	7	7	6	6,7	7	7	7	7	4	7	6	7	6	6	4	
50	1	1	1	1	1	2	2	2	2	1	2	1	6	6	6	
51	6	6	5	5,7	5	4	4	4	6	6	6	6	5	5	5	
52	7	6	6	6,3	7	6	6	6	7	7	7	7	4	4	4	
53	7	7	4	6	7	7	7	7	7	7	6	6	4	4	4	
54	7	7	7	7	7	7	7	7	6	6	7	6	5	2	2	
55	7	7	7	7	7	7	7	7	7	7	7	7	6	4	7	
56	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
57	5	5	5	5	7	6	6	6	5	5	5	5	6	6	6	
58	7	7	7	7	7	7	7	7	7	7	7	7	6	6	4	
59	6	6	7	6,3	6	5	5	5	7	7	7	7	2	6	6	
60	7	7	7	7	7	7	7	7	7	7	7	7	6	6	4	
61	7	7	7	7	6	7	7	7	7	7	7	7	6	6	6	
62	7	7	7	7	6	5	5	5	6	7	5	7	6	6	3	
63	7	7	7	7	7	6	5	5,5	6	7	5	7	6	6	3	
64	6	6	2	4,7	7	7	6	6,5	6	7	6	7	6	6	2	
65	7	5	7	6,3	7	6	6	6	2	7	6	7	6	7	4	
66	7	6	6	6,3	7	6	4	5	6	7	4	6	4	4	4	
67	7	7	6	6,7	7	6	5	5,5	7	6	5	7	7	6	6	
68	7	6	7	6,7	7	6	5	5,5	6	7	6	7	6	6	6	
69	6	6	6	6	7	6	5	5,5	5	7	6	6	6	6	6	
70	6	6	5	5,7	6	6	6	6	4	7	4	4	6	6	6	
71	7	7	6	6,7	7	6	6	6	5	7	6	7	6	6	6	
72	7	7	7	7	7	7	7	7	7	7	7	7	7	6	5	
73	7	7	7	7	7	6	5	5,5	5	7	6	7	6	6	5	
74	7	6	7	6,7	7	6	6	6	4	7	6	7	6	6	6	
75	6	6	6	6	7	6	6	6	6	7	6	7	6	6	6	
76	7	6	7	6,7	7	7	6	6,5	6	7	6	6	6	6	6	
77	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	
78	7	7	6	6,7	7	7	7	7	7	6	6	6	6	5	6	
79	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	
80	7	6	7	6,7	6	6	6	6	6	7	6	6	6	6	6	
81	7	7	6	6,7	6	7	6	6,5	7	6	6	7	7	7	7	
82	7	6	6	6,3	6	6	6	6	6	6	6	6	6	6	6	
83	7	6	5	6	6	6	6	6	6	6	6	6	4	2	2	
84	6	7	7	6,7	7	4	4	4	6	6	6	6	6	5	4	
85	7	6	6	6,3	7	7	6	6,5	7	7	6	7	7	7	4	
86	7	7	6	6,7	7	7	6	6,5	6	6	5	7	5	6	6	
87	7	7	7	7	7	6	7	6,5	6	7	7	7	2	1	1	
88	7	6	6	6,3	7	6	7	6,5	6	6	6	6	6	7	6	
89	7	7	7	7	7	7	7	7	6	6	6	6	5	5	5	
90	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	

Appendix F : Research Data

No.	Values													Will to Pay		
	K1A	K1B	K1C	K1	S2D	F3E	F3F	F3	I4G	I4H	I4I	I4J	W1	W2	W3	
91	6	7	6	6,3	7	6	6	6	6	6	6	6	6	6	6	5
92	7	6	7	6,7	6	6	7	6,5	5	7	6	6	5	5	5	5
93	7	7	7	7	7	4	4	4	6	7	1	7	7	7	7	7
94	7	6	4	5,7	7	6	5	5,5	6	7	6	6	6	6	6	5
95	6	7	6	6,3	6	7	6	6,5	6	6	6	6	6	6	6	7
96	7	6	6	6,3	7	6	6	6	6	7	6	6	6	2	6	
97	7	6	5	6	7	7	7	7	6	7	6	7	7	7	7	6
98	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2
99	7	7	7	7	7	7	7	7	6	6	5	7	6	3	2	
100	7	7	7	7	7	7	7	7	7	7	7	7	6	6	7	
101	7	7	7	7	7	7	7	7	6	6	6	6	7	6	7	
102	6	6	7	6,3	7	6	5	5,5	6	7	6	7	2	6	6	
103	7	7	7	7	7	7	7	7	5	5	5	6	6	6	6	
104	6	1	4	3,7	6	6	4	5	6	6	4	1	4	6	4	
105	7	7	6	6,7	7	7	7	7	7	7	6	7	4	4	4	
106	7	7	6	6,7	7	7	6	6,5	6	6	7	6	7	7	7	
107	7	7	7	7	7	7	7	7	7	7	7	7	6	2	4	
108	7	7	7	7	7	7	7	7	6	7	6	7	2	6	2	
109	7	7	7	7	7	7	6	6,5	7	7	6	7	6	6	7	
110	7	7	7	7	7	7	7	7	7	7	7	7	4	4	4	
111	7	7	7	7	7	7	7	7	7	7	7	7	6	6	7	
112	7	7	7	7	7	7	7	7	6	7	6	7	6	6	4	
113	7	7	6	6,7	7	7	7	7	7	7	6	7	7	7	7	
114	6	6	6	6	6	4	4	4	6	6	4	6	6	4	4	
115	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	
116	7	6	5	6	6	4	5	4,5	4	4	4	7	3	6	3	
117	7	6	7	6,7	7	6	6	6	7	6	6	7	5	5	6	
118	7	7	7	7	7	7	7	7	7	7	6	7	1	1	7	
119	7	7	4	6	7	6	6	6	4	6	6	6	7	4	1	
120	7	7	6	6,7	7	7	7	7	4	7	7	7	7	4	2	
121	7	7	6	6,7	7	7	7	7	4	7	7	7	7	4	2	
122	7	7	6	6,7	7	7	7	7	4	6	6	6	7	4	2	
123	7	7	7	7	7	7	7	7	7	7	6	7	2	2	6	
124	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	
125	7	6	4	5,7	6	4	6	5	6	6	6	6	7	6	2	
126	7	7	6	6,7	7	6	6	6	6	6	7	6	6	6	6	
127	7	6	7	6,7	7	7	7	7	6	7	6	6	3	1	6	
128	7	6	7	6,7	7	6	6	6	7	6	6	6	5	2	6	
129	6	7	6	6,3	7	7	7	7	6	7	6	6	7	4	5	
130	7	6	6	6,3	6	6	5	5,5	6	7	6	7	6	4	5	
131	4	4	4	4	7	6	6	6	4	7	4	7	4	6	2	
132	6	7	7	6,7	6	4	4	4	6	7	6	6	4	6	4	
133	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	
134	7	7	4	6	7	7	7	7	7	7	6	7	6	6	6	
135	7	6	6	6,3	6	7	7	7	6	4	5	6	6	4	4	

Appendix F : Research Data

No.	Values													Will to Pay		
	K1A	K1B	K1C	K1	S2D	F3E	F3F	F3	I4G	I4H	I4I	I4J	W1	W2	W3	
136	7	7	7	7	7	7	7	7	7	7	7	7	5	5	6	
137	1	2	2	1,7	2	2	2	2	2	2	2	2	6	6	6	
138	7	7	7	7	6	6	5	5,5	6	6	6	6	5	6		
139	6	6	7	6,3	7	4	3	3,5	6	7	7	7	2	6	4	
140	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	
141	7	7	7	7	7	7	7	7	6	6	6	7	7	7	6	
142	1	1	1	1	1	2	7	4,5	6	6	6	6	2	2	2	
143	7	6	6	6,3	7	7	6	6,5	5	7	7	7	6	7	6	
144	7	7	7	7	7	6	6	6	6	7	7	7	7	7	1	
145	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	
146	6	7	6	6,3	5	5	6	5,5	6	7	7	6	5	5	4	
147	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	
148	7	6	7	6,7	7	7	7	7	7	7	7	7	5	5	3	
149	6	6	7	6,3	6	7	5	6	5	5	5	6	6	6	6	
150	7	7	6	6,7	6	7	7	7	6	6	6	6	5	5	2	
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152	7	7	7	7	5	3	5	4	7	5	6	7	5	6	7	
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154	4	5	6	5	6	5	4	4,5	5	6	7	6	5	6	7	
155	6	6	7	6,3	7	7	7	7	7	6	7	7	6	7	6	
156	7	5	5	5,7	7	6	5	5,5	5	5	5	5	2	2	2	
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158	7	7	6	6,7	7	7	7	7	7	6	6	6	3	5	5	
159	6	7	7	6,7	6	6	6	6	6	6	6	7	5	5	5	
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161	6	6	7	6,3	6	6	6	6	7	6	6	7	6	6	6	
162	6	7	7	6,7	7	6	6	6	7	6	6	6	6	6	6	
163	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	
164	7	7	6	6,7	7	6	6	6	7	6	6	7	7	6	6	
165	6	6	6	6	7	6	6	6	7	6	6	6	6	6	6	
166	7	6	6	6,3	7	6	6	6	6	7	6	6	2	2	2	
167	6	7	6	6,3	7	6	6	6	6	6	7	6	6	6	6	
168	7	7	6	6,7	7	6	6	6	7	7	6	6	7	6	6	
169	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	
170	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	
171	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
172	7	7	7	7	7	6	6,5	6	5	6	7	6	4	4	4	
173	7	7	7	7	7	7	7	7	6	7	7	7	7	7	6	
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176	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
177	7	7	7	7	7	6	6,5	4	6	4	6	4	4	4	4	
178	7	7	7	7	7	7	7	7	7	6	7	7	6	7	6	
179	6	7	6	6,3	6	6	6	6	7	6	6	6	5	6	6	
180	7	6	6	6,3	6	6	6	6	6	7	6	6	4	4	4	

Appendix F : Research Data

No.	Values													Will to Pay		
	K1A	K1B	K1C	K1	S2D	F3E	F3F	F3	I4G	I4H	I4I	I4J	W1	W2	W3	
181	6	7	6	6,3	6	6	7	6,5	6	7	7	7	7	7	7	
182	6	5	6	5,7	7	7	7	7	3	5	5	5	6	6	6	
183	7	5	6	6	7	7	7	7	2	5	6	6	7	7	7	
184	5	3	5	4,3	6	6	7	6,5	7	7	3	5	5	5	2	
185	1	3	7	3,7	7	7	7	7	3	6	6	7	5	5	5	
186	6	7	6	6,3	7	6	6	6	5	6	5	5	6	6	6	
187	7	5	7	6,3	7	7	7	7	6	6	6	6	7	7	1	
188	6	6	6	6	6	6	7	6,5	6	5	6	6	7	7	7	
189	6	6	6	6	6	5	5	5	6	6	6	6	6	5	2	
190	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
191	7	6	6	6,3	7	6	5	5,5	5	5	6	6	6	6	4	
192	6	7	6	6,3	7	6	6	6	6	6	6	6	6	4	4	
193	4	5	4	4,3	6	4	5	4,5	6	5	6	7	5	6	5	
194	7	7	7	7	7	6	5	5,5	7	7	7	7	6	6	7	
195	6	4	5	5	7	6	6	6	5	6	5	5	1	1	1	
196	7	7	7	7	7	7	7	7	5	4	6	6	7	7	6	
197	7	6	6	6,3	7	6	4	5	4	7	4	6	4	4	6	
198	7	6	6	6,3	7	6	4	5	4	7	4	6	4	4	6	
199	6	6	6	6	7	6	4	5	6	7	4	6	4	4	4	
200	7	7	6	6,7	7	7	6	6,5	7	7	7	7	6	6	5	
201	7	7	7	7	7	7	6	6,5	6	7	6	6	4	6	4	
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204	7	7	7	7	7	7	7	7	7	7	7	7	5	5	5	
205	7	6	6	6,3	7	6	7	6,5	7	7	6	7	6	6	5	
206	7	7	7	7	7	7	7	7	6	7	5	6	6	6	6	