

## CHAPTER V

### CONCLUSION AND RECOMMENDATION

#### 5.1. Conclusion

According to the data analysis and discussion in the chapter IV, finally the research objectives in the first chapter can be answered :

1. The first research objectives is to identify the understanding of traffic signs by road users with respect to their personal characteristic such as gender, college, semester, origin, liscence, and study experience in Yogyakarta. From the data analysis and discussion, there are several answers for the understanding traffic signs :
  - a. For the understanding types of traffic signs (Warning Signs, Prohibition Signs, Command Signs, and Guidance Signs) it can be concluded that from the total respondents which has been analyze, only 12% of respondents understand the correct types of traffic signs.
  - b. Followed to understanding the traffic signs along observation location it can be concluded that the level of understanding is in between good to very good understanding. The level of understanding in level good understanding is warning signs and command signs. While the level understanding for prohibition signs and guidance signs is in level very good understanding.
  - c. From the respondents characteristic, it also can be concluded that for gender characteristic there is no significant differences between male

and female about understanding traffic signs. For the respondents's college, it can be conclude that universtitas college and institute college have a better understanding traffic signs than sekolah tinggi college and politeknik college. Followed by the respondent' semester the result revealed that respondents in 1<sup>st</sup>, 3<sup>rd</sup>, and 5<sup>th</sup> semester the respondents is the better understanding than respondents in 7<sup>th</sup>, 9<sup>th</sup>, 11<sup>th</sup> semester. Then, the result for respondents based on origin it can be concluded that there is no significant differences understanding based on respondents's origin. For respondents based on driver lisenace ownership the result releved that there is no significant differences understanding between have and non have driver lisenace. The respondents based on how to obatain the driver lisenace, the result indicates that there is no significant differences between have driver lisenace with examination and without examination. Besides that the result for respondent study experience (studied and never studied the traffic signs) it can be conclude that respondents who ever studied traffic signs have better understanding taffic signs.

2. The second research objective is to identity to what extent the road users are obey the traffic signs. From the data analysis and discussion, it can be conclude that from the total respondents only 4% of respondents are never violate the traffic signs and 96% of respondents are ever violate the traffic signs and the most time violation is in the night. From the analysis, it can be concluded that the biggest reason for the respondents to violate the sign

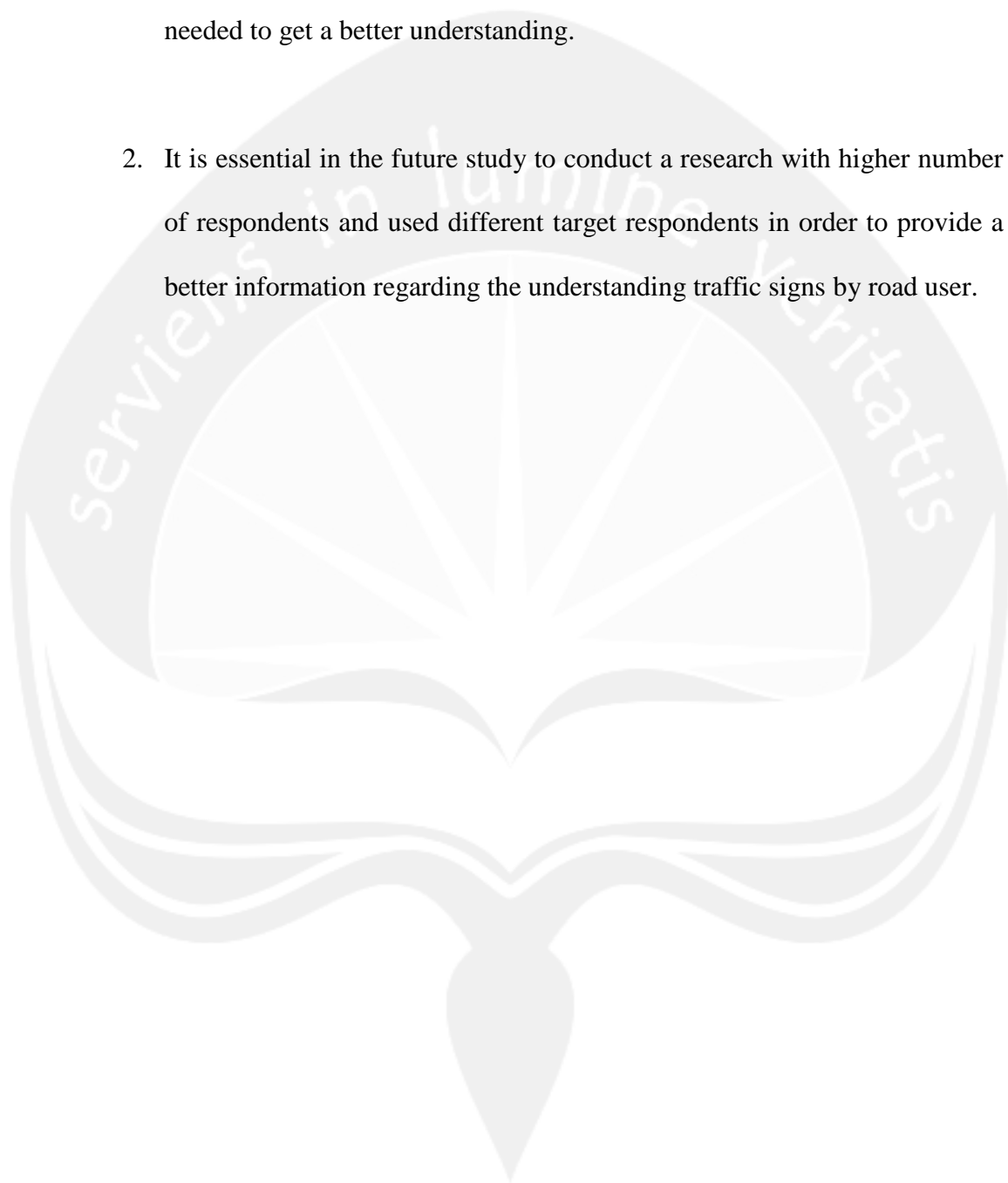
because there is no police supervise and when the respondent in a hurry because chased of time.

3. From the analysis for total respondents who never had traffic accident is 25% of respondents with the understanding of traffic signs is 82.55% or in level very good understanding. Total respondents who had traffic accident is 75% of respondents with percentage understanding of traffic signs is 76.78% or in level good understanding. The result indicates that from the total respondents there are 14 respondents had traffic accident due to do not understand traffic signs, 3 of them have the level understanding based on traffic signs in observation location is very good understanding, 6 of them have the level understanding based on traffic signs in observation location is good understanding, 4 of them have the level understanding based on traffic signs in observation location is slightly understanding and 1 of them have the level understanding based on traffic signs in observation location is poor understanding and the result causes of traffic accident are driving with high speed is 28%, hit by other vehicles is 21%, violating the traffic signs is 17% and violating the traffic lights 11%, driving while feeling sleepy is 7% and the then other causes are 16%.

## **5.2. Recommendation**

According to the results of the research and the conclusion above, several recommendations can be obtained:

1. A better understanding of traffic signs is important for all road users to consider that traffic signs is part of traffic. More learn traffic signs is needed to get a better understanding.
2. It is essential in the future study to conduct a research with higher number of respondents and used different target respondents in order to provide a better information regarding the understanding traffic signs by road user.



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# **APPENDICES**



**Appendices 1: Research Questionnaire**

**ANALISIS PEMAHAMAN RAMBU LALU LINTAS OLEH PENGGUNA JALAN DI YOGYAKARTA – STUDI KASUS MAHASISWA DI YOGYAKARTA**

I. Keterangan Responden


Nama :  
 Jenis Kelamin :  Laki-Laki  Perempuan  
 Nama Perguruan Tinggi :  
 Semester :  
 Asal :

II. Sepengetahuan anda, **ada berapa macam jenis rambu lalu lintas?**


- a. 1 Macam
- b. 2 Macam
- c. 3 Macam
- d. 4 Macam
- e. 5 Macam

Sebutkan macam tersebut menurut pilihan anda : .....


Menguji pengetahuan pengguna jalan **memahami arti rambu lalu lintas** yang berada di area Babarsari, Seturan, dan Maguwo.

1. 
  - a. Ya
  - b. Tidak


Arti rambu : .....

.....
2. 
  - a. Ya
  - b. Tidak


Arti rambu : .....

.....
3. 
  - a. Ya
  - b. Tidak


Arti rambu : .....

.....
4. 
  - a. Ya
  - b. Tidak

Arti rambu : .....


.....
5. 
  - a. Ya
  - b. Tidak


Arti rambu : .....


.....
6. 
  - a. Ya
  - b. Tidak


Arti rambu : .....


.....


7.  a. Ya b. Tidak  
Arti rambu : .....


8.  a. Ya b. Tidak  
Arti rambu : .....


9.  a. Ya b. Tidak  
Arti rambu : .....


10.  a. Ya b. Tidak  
Arti rambu : .....


11.  a. Ya b. Tidak  
Arti rambu : .....


12.  a. Ya b. Tidak  
Arti rambu : .....


13.  a. Ya b. Tidak  
Arti rambu : .....


14.  a. Ya b. Tidak  
Arti rambu : .....


15.  a. Ya b. Tidak  
Arti rambu : .....


16.  a. Ya b. Tidak  
Arti rambu : .....


17.  a. Ya b. Tidak  
Arti rambu : .....


18.  a. Ya b. Tidak  
Arti rambu : .....


19.  a. Ya b. Tidak  
Arti rambu : .....


20.  a. Ya b. Tidak  
Arti rambu : .....


21.  a. Ya b. Tidak  
Arti rambu : .....


22.  a. Ya b. Tidak  
Arti rambu : .....


23.  a. Ya b. Tidak  
Arti rambu : .....


24.  a. Ya b. Tidak  
Arti rambu : .....

25.  a. Ya b. Tidak  
Arti rambu : .....

26.  a. Ya b. Tidak  
Arti rambu : .....

27.  a. Ya b. Tidak  
Arti rambu : .....

28.  a. Ya b. Tidak  
Arti rambu : .....

29.  a. Ya b. Tidak  
Arti rambu : .....

III. Sebagai pengguna jalan yang mengendarai kendaraan di jalan, apakah anda **memiliki Surat Ijin Mengemudi** ?

a. Ya b. Tidak

IV. Jika anda memiliki SIM, **dengan cara apakah** anda mendapatkan SIM ?

a. Mengikuti Ujian b. Tanpa Ujian (SIM tembak)

V. Sebelum anda mengikuti ujian SIM, **apakah anda pernah belajar** arti rambu lalu lintas ?

a. Ya b. Tidak

VI. **Pernahkah anda** melanggar rambu lalu lintas ?

a. Pernah b. Tidak Pernah

VII. **Kapan** anda melanggar rambu ? (Jawaban boleh lebih dari satu)

a. Pagi hari b. Siang hari c. Sore hari d. Malam hari

VIII. Apa **alasan anda melanggar** rambu lalu lintas ? (Jawaban boleh lebih dari satu)

- a. Tidak memahami arti rambu-rambu yang dimaksud
- b. Tahu arti rambu tapi tetap melanggar
- c. Tidak ada polisi yang mengawasi
- d. Rambu-rambunya tidak jelas karena sudah rusak
- e. Rambu-rambunya tidak kelihatan jelas karena terhalang pohon/tiang
- f. Terburu-buru atau dikejar waktu

Lainnya :.....

IX. **Pernahkah** anda mengalami kecelakaan ?

- a. Pernah
- b. Tidak Pernah

X. **Sebab** anda mengalami kecelakaan (Jawaban boleh lebih dari satu) :

- a. Melanggar rambu lalu lintas
- b. Melanggar lampu lalu lintas
- c. Mengantuk saat mengendarai kendaraan
- d. Mengendarai dengan kecepatan tinggi
- e. Ditabrak oleh kendaraan lain

Lainnya :.....

### Appendices 2: Respondents Profile

No.	Name	Gender	College	Semester	Origin
1	Elfi Eltari	Female	STT kadesi	5	Kalimantan Barat
2	Arga	Male	UKRIM	5	Kalimantan Tengah
3	Filawati	Female	STT kadesi	1	Kalimantan Barat
4	Sahara	Female	STT kadesi	5	Kalimantan Barat
5	Robi	Male	STT kadesi	3	Kalimantan Barat
6	Supianto	Male	STT kadesi	3	Kalimantan Barat
7	Fredrik V.	Male	UKRIM	9	Riau Archipelago
8	Natasya	Female	UKRIM	7	Maluku
9	Mita	Female	STTKD	3	Kalimantan Barat
10	Angella Ayu D. C	Female	UKDW	3	Jawa Tengah
11	Sinung Purnama A. S	Male	UKDW	3	Banten
12	Yoga	Male	UKDW	3	Jawa Tengah
13	Jefrison	Male	UKDW	3	Riau Archipelago
14	Made Umbu	Male	UKDW	3	Sulawesi Utara
15	Aprianti V.W	Female	UKDW	3	Kalimantan Barat
16	Jonathan H. S.	Male	UKDW	3	Yogyakarta
17	Laurensia E. Tj.	Female	UKDW	3	Maluku Utara
18	Pandeh Rahayu	Female	UKDW	3	Bali
19	Ade Putri Yolanda	Female	UKDW	3	Sulawesi Tengah
20	Desti W.Wiryani	Female	STIE YKPN	11	Yogyakarta
21	Arya	Male	UAJY	11	Jawa Tengah
22	Intan Vidya	Female	UAJY	7	Yogyakarta
23	Bernadeta Varyli E.	Female	UAJY	7	Yogyakarta
24	Nurul	Female	UMY	3	Sumatra Selatan
25	Windi	Female	STIE YKPN	7	Sumatra Utara
26	Anggita Eviliana	Female	UAJY	7	Yogyakarta
27	Sudono Yusuf	Male	UST	9	Jawa Barat
28	Wakhid S.Nugraha	Male	STIPRAM	7	Jawa Timur
29	Patresia Jennifer	Female	UAJY	7	Yogyakarta
30	Esti Rahayu	Female	UNY	1	DIY
31	Nikita	Female	UAJY	7	Sumatra
32	Angger W. Gunawan	Male	UAJY	7	Sulawesi Utara
33	Marlina D. Putri	Female	STIPRAM	7	Yogyakarta
34	Siska Maharani	Female	UTY	7	Jawa Tengah
35	Bella	Female	STBA LIA	7	Kalimantan Barat
36	Mary Roselina V. R.	Female	STBA LIA	5	Kalimantan Tengah
37	Dj. Pradona	Male	STBA LIA	5	Jawa Timur
38	Nia Meliana	Female	UNY	5	Jawa Timur
39	Keyza Kobe	Female	STBA LIA	7	Maluku Utara
40	Admiranti C. Petrof	Female	STIPRAM	5	Maluku Utara
41	Inggrid Risakotta	Female	UNRIYO	3	Maluku Utara

No.	Name	Gender	College	Semester	Origin
42	Rani A.Golowok	Female	UNRIYO	3	Maluku Utara
43	Christine	Female	UKDW	3	Maluku
44	Fetlana Ewy	Female	UKDW	3	Maluku Utara
45	Vanessa Hamdan	Female	UAD	11	Jawa Barat
46	Stefani Juliet B. S	Female	UGM	5	Jawa Tengah
47	Ana	Female	USD	3	Jawa Timur
48	Maria S. Puspita	Female	USD	3	Jawa Barat
49	Jesie	Female	STIE YKPN	5	West Papua
50	Shinta Sugiarto	Female	USD	9	Sumatra Barat
51	Charity R. B	Female	USD	3	Kalimantan Tengah
52	Leni Ch.Octaviana	Female	USD	5	Jawa Barat
53	Nadia Novitasari R.	Female	UAJY	9	Yogyakarta
54	Eigth Maydina	Female	UAJY	9	Yogyakarta
55	Salvatore Lauda P. S	Female	UAJY	9	Riau Archipelago
56	Ninsi S.Simange	Female	UAJY	9	Maluku Utara
57	Natalia P. Ghadi	Female	STTNAS	7	NTT
58	Irianto Istia	Male	STTNAS	9	Papua
59	Agustinus M.	Male	STTNAS	9	Maluku
60	Feby Nursiyani	Female	STTNAS	9	Papua
61	Lilis Dahlan	Female	STTNAS	3	Sulawesi Utara
62	Christian Agung	Male	UAJY	11	Yogyakarta
63	Feno Gobuino	Male	STTNAS	9	Maluku Utara
64	Eka Maretami	Female	STTN	9	Kalimantan Barat
65	Fernando Mulo	Male	UKDW	7	Maluku Utara
66	Delon Latuihamallo	Male	STTNAS	13	Maluku Utara
67	Flandy D. Turangan	Male	UPN	9	Sulawesi Utara
68	Imakulata D. Lewar	Male	PPI	1	NTT
69	Eman Kambe	Male	UTY	7	NTT
70	Revi Steward	Male	STMIK AKAKOM	9	Maluku Utara
71	Zanda Duan	Male	IST AKPRIND	7	Maluku Utara
72	Fajar .i Lobiua	Male	STTNAS	7	Maluku Utara
73	Azarya Bees	Male	UAJY	9	NTT
74	Weddia Ningsih Borean	Male	UAJY	9	Papua
75	Simon Kevin Koloba	Male	UAJY	7	Maluku Utara
76	Mario Hendrik	Male	UKDW	3	Maluku Utara
77	Lius Wede	Male	STTNAS	7	NTT
78	Arry Rhullan	Male	USD	5	NTT
79	Venan	Male	STTNAS	7	NTT
80	Fryanto Kristo Mali	Male	STTNAS	7	NTT
81	Desi Tonggoro	Female	PPI	7	NTT
82	Yus Aris Arizky	Female	IST AKPRIND	7	Jawa Tengah

83 No.	Kevin Rosihol Name	Female Gender	UAJY College	9 Semester	Sulawesi Tenggara Origin
84	Paul	Male	UAJY	9	Bali
85	Marcelo Kanoena	Male	UAJY	9	Sulawesi Utara
86	Novarto	Male	STTNAS	9	Maluku Utara
87	Philia B.	Female	UAJY	9	NTT
88	Austin	Male	UAJY	9	Riau Archipelago
89	Thea Pradita	Female	UAJY	9	Jawa Tengah
90	Adrian B. C.	Male	UAJY	9	Jawa Tengah
91	Dede Sasingen	Male	UAJY	9	Sulawesi Utara
92	Daniel Surya	Male	UAJY	9	Yogyakarta
93	Yessy Arlay	Male	STTNAS	9	Papua
94	Yudha	Male	IST AKPRIND	7	Jawa Tengah
95	Krisnaji Pangestu	Male	IST AKPRIND	7	Jawa Tengah
96	Rendy mecky	Male	UKDW	3	Maluku
97	Ragk Bayu D.	Male	UKDW	7	Kalimantan Barat
98	Ahmad Safii	Male	IST AKPRIND	7	Jawa Tengah
99	Amirudin	Male	IST AKPRIND	7	Yogyakarta
100	Kenny Prahara	Male	UKDW	7	NTT
101	Melvin Zet Sifata	Male	UKDW	7	Papua
102	Delviana Nyonga	Female	STIKES W. H	5	NTT
103	Kandisus Nagi	Male	Politeknik API	5	NTT
104	Nelli Alpiah	Female	UNRIYO	5	Sumatra
105	Putri K.	Female	UNRIYO	5	Papua
106	Ronaldo	Male	UNRIYO	5	Kalimantan Utara
107	Agustina Veronika M.	Female	UNRIYO	5	Papua
108	Dellia Susanty	Female	UNRIYO	5	Sumatra
109	Anggi Siregar	Female	INSTIPER	3	Riau Archipelago
110	Via	Female	UNRIYO	5	Jawa Timur
111	Christina Y.	Female	UNRIYO	5	DIY
112	Mavio	Female	UNRIYO	5	Yogyakarta
113	Nia Sri Wulan dari	Female	UNRIYO	5	Kalimantan Utara
114	Maynia	Female	UNRIYO	5	Jawa Tengah
115	Ayu	Female	INSTIPER	5	Papua
116	Toto Prasetyo Adi	Male	IST AKPRIND	7	Jakarta
117	Asderina Missi	Female	AMIKOM	1	Maluku Utara
118	Hayatun Nufus	Female	UNRIYO	5	Kalimantan Tengah
119	Cindy Belian Ali	Female	UNRIYO	5	Maluku Utara
120	Clara Noa Da Silva	Female	STTNAS	7	NTT
121	Elsya Patresia	Female	UAJY	9	Kalimantan Timur
122	Kevin J. Sebastian	Male	UAJY	9	Jawa Barat
123	Bety	Female	UAJY	5	Kalimantan Tengah
124	Fransiska Biu	Female	STIKES W. H	5	NTT



No.	Name	Gender	College	Semester	Origin
125	Maria P. Buiarti	Female	STTNAS	5	Yogyakarta
126	Adriano B. de S.	Male	STIKES W. H	5	Bali
127	Lastri	Female	STTNAS	7	Maluku Utara
128	Hani	Female	UAJY	5	Sumatra
129	Jo seipattiratu	Male	STTNAS	9	Maluku
130	Sebastian Grinting	Male	UPN	5	Yogyakarta
131	Bara Aryadi Tama	Male	UAJY	9	Sumatra
132	Petrus Parlindungan	Male	UAJY	9	Kalimantan Tengah
133	Rifky	Male	UAJY	9	Yogyakarta
134	Rensiana Natalia	Female	STIKES W. H	5	NTT
135	Muhammad G. Dwi	Male	STIE YKPN	3	Riau Archipelago
136	Riky Adi K.	Male	STIE YKPN	3	NTT
137	Fajar Tunggil P.	Male	STIE YKPN	3	Jawa Tengah
138	M. Nur Huda	Male	UNY	9	Jawa Tengah
139	David Adnitamo	Male	UNY	9	DIY
140	Risanada Prakasta	Male	UNY	9	DIY
141	Bambang	Male	UNY	9	Riau Archipelago
142	Rizky Wiyanto	Male	UKDW	3	Maluku Utara
143	Keren Kezia	Female	STIKES Guna Bangsa	5	Maluku Utara
144	Desy Nurul	Female	STIKES Guna Bangsa	5	Jawa Tengah
145	Oldyana Vira N.	Female	STIKES Guna Bangsa	5	Jakarta
146	Ersa	Female	STIKES Guna Bangsa	5	Yogyakarta
147	Ona	Female	STIKES Guna Bangsa	5	Yogyakarta
148	Cindy L.a Sari	Female	STIKES Guna Bangsa	5	Yogyakarta
149	Nahdya Rahmi	Female	STIKES Guna Bangsa	5	Kalimantan Tengah
150	Nurul Izah	Female	STIKES Guna Bangsa	5	Jawa Tengah
151	Tahk Andayati	Female	STIKES Guna Bangsa	5	Jawa Tengah
152	Marsel Kojoba	Male	STIE YKPN	3	Maluku Utara
153	Aldi Hamid Ali	Male	STIE YKPN	3	Yogyakarta
154	Rafi Ramadhan	Male	UAJY	7	Yogyakarta
155	M. Dzaki	Male	UNY	9	Riau Archipelago
156	Dewi Anggreani	Female	UNY	9	Jawa Tengah
157	Rizqi Lestari	Female	UNY	9	Jawa Barat
158	Claudius Andiha	Male	UAJY	5	Yogyakarta
159	Iryan	Male	UNY	9	Jawa Tengah
160	Alia Ihromi	Female	UNY	5	Bali
161	Vita	Female	UNY	9	Jawa Tengah
162	Ira	Female	USD	9	NTT
163	Yosef J. Wuwur	Male	UNRIYO	7	NTT
164	Yoga Sidi	Male	INSTIPER	11	NTT
165	Erwin Putra	Male	UKDW	9	NTT

No.	Name	Gender	College	Semester	Origin
166	Marcellino W.	Male	UAJY	3	Kalimantan Tengah
167	Theo Pevira B	Male	UAJY	5	Kalimantan Tengah
168	Marianto Nunes	Male	UAJY	11	Bali
169	Ananda Pramono	Male	UAJY	5	Jawa Tengah
170	Anton Saputra	Male	UAJY	5	Jawa Tengah
171	Ni Made Santri	Female	UAJY	5	Bali
172	Juan Felix.P	Male	UAJY	3	Kalimantan Barat
173	Feni Andriani	Female	UAJY	5	Jawa Tengah
174	Lusia Galih	Female	UAJY	5	Jawa Barat
175	Ristanto Adi Prayoga	Male	UII	5	Riau Archipelago
176	Dwi Sanyotu	Male	UP 45	9	Riau Archipelago
177	Stefanus Parlindungan	Male	UAJY	9	Jawa Tengah
178	Monica Estera	Female	UKDW	3	Yogyakarta
179	Anggita I.Octaviana	Female	UKDW	3	Sulawesi Tengah
180	Angel Lita C.	Female	UKDW	3	Papua
181	Kukah N	Male	UKDW	3	Yogyakarta
182	Mayesti	Female	UKDW	3	Sumatra Utara
183	Rut Febrianty	Female	UKDW	3	Riau Archipelago
184	Satriya J. P.	Male	UKDW	3	NTT
185	Abraham	Male	UKDW	3	NTT
186	Raymond Figo	Male	UKDW	3	Jawa Tengah
187	Kadek Deni H.	Male	UKDW	3	Sumatra Selatan
188	Varrel	Male	UKDW	3	NTT
189	Surya Sudarman	Male	UKDW	3	Sumatra
190	Billy Manoy	Male	UKDW	3	Sulawesi Utara
191	Jolevin A. Hosong	Male	UKDW	3	NTT
192	Sharon	Female	UKDW	3	Yogyakarta
193	Dewi Anggreani	Female	UAJY	9	NTT
194	Maria Permatasari	Female	UAJY	9	Yogyakarta
195	Windi yunita	Female	UAJY	9	Papua
196	Marcelina Nadia	Female	UAJY	7	Jawa Tengah
197	Johanni	Female	UAJY	9	Jawa Barat
198	Sindy Tjitan	Female	UAJY	5	Kalimantan Barat
199	Peggy J	Female	UAJY	5	Kalimantan Barat
200	Arief	Male	UAJY	7	Sulawesi Selatan
201	Anjuma Has	Male	USD	7	Papua
202	Yoel	Male	UST	3	Papua
203	Herry Pragus	Male	USD	9	Papua
204	Aris Putra Sadewo	Male	UAJY	9	Papua

### Appendices 3: Respondents Answers of Questionnaire

No. Res	2a	2b	2c	2d	2e	2_1 a	2_1 b	2_2 a	2_2 b	2_3 a	2_3 b	2_4 a	2_4 b	2_5 a	2_5 b	2_6 a	2_6 b	2_7 a	2_7 b	2_8 a	2_8 b	2_9 a	2_9 b	2_10 a	2_10 b	2_11 a	2_11 b
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No. Res	2_12 a	2_12 b	2_13 a	2_13 b	2_14 a	2_14 b	2_15 a	2_15 b	2_16 a	2_16 b	2_17 a	2_17 b	2_18 a	2_18 b	2_19 a	2_19 b	2_20 a	2_20 b	2_21 a	2_21 b	2_22 a	2_22 b
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No. Res	2_23 a	2_23 b	2_24 a	2_24 b	2_25 a	2_25 b	2_26 a	2_26 b	2_27 a	2_27 b	2_28 a	2_28 b	2_29 a	2_29 b	3a	3b	4a	4b	5a	5b	6a	6b	
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No. Res	2_23 a	2_23 b	2_24 a	2_24 b	2_25 a	2_25 b	2_26 a	2_26 b	2_27 a	2_27 b	2_28 a	2_28 b	2_29 a	2_29 b	3a	3b	4a	4b	5a	5b	6a	6b	
109		√	√		√		√		√			√	√		√		√		√		√		
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No.Res	7a	7b	7c	7d	8a	8b	8c	8d	8e	8f	8g	9a	9b	10a	10b	10c	10d	10e	10f
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No. Res	2_12 a	2_12 b	2_13 a	2_13 b	2_14 a	2_14 b	2_15 a	2_15 b	2_16 a	2_16 b	2_17 a	2_17 b	2_18 a	2_18 b	2_19 a	2_19 b	2_20 a	2_20 b	2_21 a	2_21 b	2_22 a	2_22 b
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No. Res	2_23 a	2_23 b	2_24 a	2_24 b	2_25 a	2_25 b	2_26 a	2_26 b	2_27 a	2_27 b	2_28 a	2_28 b	2_29 a	2_29 b	3a	3b	4a	4b	5a	5b	6a	6b
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No.Res	7a	7b	7c	7d	8a	8b	8c	8d	8e	8f	8g	9a	9b	10a	10b	10c	10d	10e	10f
145				√					√	√		√						√	
146	√			√		√	√	√	√	√		√		√			√		
147				√				√	√	√		√						√	
148				√			√			√		√						√	
149	√	√	√	√			√	√	√	√		√		√				√	
150				√				√		√		√				√	√		
151		√									√		√						
152				√		√	√		√			√						√	
153	√									√		√	√						
154				√	√					√		√			√				
155				√	√					√		√		√					
156	√						√				√		√						
157			√		√				√				√						
158	√	√	√	√			√	√	√	√		√				√	√		
159	√						√						√						
160	√									√		√							√
161			√		√		√		√			√		√					√
162				√						√		√						√	
163		√			√			√				√				√			
164	√	√	√	√		√				√		√			√			√	
165	√	√					√			√		√	√						
166	√			√		√	√			√		√				√	√		
167				√		√	√			√			√						
168				√		√						√							√
169		√	√			√					√		√						
170	√	√	√	√			√	√	√			√		√					√
171		√								√		√							√
172	√										√		√						
173	√								√				√						
174													√						
175			√			√	√		√	√			√						
176		√	√				√			√		√		√					
177	√			√			√	√		√			√						
178	√			√			√					√						√	
179												√					√		
180	√				√		√					√							√

No. Res	2a	2b	2c	2d	2e	2_1_a	2_1_b	2_2_a	2_2_b	2_3_a	2_3_b	2_4_a	2_4_b	2_5_a	2_5_b	2_6_a	2_6_b	2_7_a	2_7_b	2_8_a	2_8_b	2_9_a	2_9_b	2_10_a	2_10_b	2_11_a	2_11_b		
181			√			√		√		√		√		√		√		√		√		√		√		√			
182			√				√		√		√	√		√		√		√		√		√		√		√			
183			√				√		√		√	√		√		√		√		√		√		√		√			
184			√			√		√		√		√		√		√		√		√		√		√		√			
185				√		√		√		√		√		√		√		√		√		√		√		√			
186			√			√		√		√		√		√		√		√		√		√		√		√			
187			√			√		√		√		√		√		√		√		√		√		√		√			
188				√		√		√		√		√	√	√		√		√		√		√		√		√			
189		√				√		√		√		√		√		√		√		√		√		√		√			
190				√		√		√		√		√		√		√		√		√		√		√		√			
191			√			√		√		√		√		√		√		√		√		√		√		√			
192			√			√		√		√		√		√		√		√		√		√		√		√			
193			√			√		√		√		√		√		√		√		√		√		√		√			
194			√				√		√		√		√		√		√		√		√		√		√		√		
195			√			√		√		√		√		√		√		√		√		√		√		√			
196					√	√		√		√		√		√		√		√		√		√		√		√			
197			√			√		√		√		√		√		√		√		√		√		√		√			
198			√				√		√		√		√		√		√		√		√		√		√		√		
199			√				√		√		√		√		√		√		√		√		√		√		√		
200	√					√		√		√		√		√		√		√		√		√		√		√			
201	√						√		√		√		√		√		√		√		√		√		√		√		
202		√					√		√		√		√		√		√		√		√		√		√		√		
203			√				√		√		√		√		√		√		√		√		√		√		√		
204			√			√		√		√		√		√		√		√		√		√		√		√		√	

No. Res	2_12 a	2_12 b	2_13 a	2_13 b	2_14 a	2_14 b	2_15 a	2_15 b	2_16 a	2_16 b	2_17 a	2_17 b	2_18 a	2_18 b	2_19 a	2_19 b	2_20 a	2_20 b	2_21 a	2_21 b	2_22 a	2_22 b
181	√		√		√		√		√		√		√		√		√		√		√	
182	√		√		√		√		√		√		√		√		√		√			√
183	√		√		√		√		√		√		√		√		√		√			√
184	√		√		√		√		√		√		√		√		√		√		√	
185	√		√		√		√		√		√		√		√		√		√		√	
186	√		√		√		√		√		√		√		√		√		√			√
187	√		√		√		√		√		√		√		√		√		√			√
188	√		√		√		√		√		√		√		√		√		√			√
189	√		√		√		√		√		√		√		√		√		√			√
190	√		√		√		√		√		√		√		√		√		√			√
191	√		√		√		√		√		√		√		√		√		√		√	
192	√		√		√		√		√		√		√		√		√		√		√	
193	√		√		√		√		√		√		√		√		√		√			√
194	√		√		√		√		√		√		√		√		√		√			√
195	√		√		√		√		√		√		√		√		√		√			√
196	√		√		√		√			√	√		√		√		√		√			√
197	√		√		√		√		√		√		√		√		√		√			√
198	√		√		√		√		√		√		√		√		√		√			√
199	√		√		√		√		√		√		√		√		√		√			√
200	√		√		√		√		√		√		√		√		√		√			√
201	√		√		√		√			√	√		√		√		√		√			√
202	√		√		√		√		√		√		√		√		√		√		√	
203	√		√		√		√			√		√		√		√		√				√
204	√		√		√		√		√		√		√		√		√		√			√



No. Res	2_23 a	2_23 b	2_24 a	2_24 b	2_25 a	2_25 b	2_26 a	2_26 b	2_27 a	2_27 b	2_28 a	2_28 b	2_29 a	2_29 b	3a	3b	4a	4b	5a	5b	6a	6b	
181	√		√		√		√		√		√		√		√		√			√	√		
182	√			√	√		√		√			√	√		√			√			√	√	
183	√			√	√			√	√			√	√			√					√	√	
184	√		√		√		√		√		√		√		√		√		√		√		
185	√		√		√		√		√		√		√		√			√	√			√	
186		√	√		√		√		√			√	√		√		√		√			√	
187	√		√		√		√		√		√		√		√			√			√	√	
188	√		√		√		√		√			√	√		√			√	√			√	
189	√		√		√		√		√			√	√		√		√				√	√	
190	√		√		√		√		√			√	√		√		√				√	√	
191	√		√		√		√		√		√		√		√			√			√	√	
192	√		√		√		√		√		√		√		√		√		√			√	
193	√		√		√		√			√		√	√		√		√				√		√
194	√		√		√		√			√		√	√		√		√				√	√	
195		√	√		√		√		√			√	√		√			√			√	√	
196		√	√		√		√		√		√		√		√			√			√		√
197	√		√		√		√		√		√		√		√		√				√	√	
198		√	√		√		√		√			√		√		√		√			√	√	
199		√		√	√		√		√			√		√		√		√			√	√	
200	√		√		√		√		√			√	√		√			√			√		√
201	√		√		√		√			√		√		√		√		√			√	√	
202		√	√		√		√		√		√		√			√					√	√	
203		√		√	√		√			√		√	√		√			√			√	√	
204		√	√		√		√			√		√	√		√		√				√	√	

No.Res	7a	7b	7c	7d	8a	8b	8c	8d	8e	8f	8g	9a	9b	10a	10b	10c	10d	10e	10f
181		√				√	√					√			√			√	
182	√				√		√	√		√		√						√	
183				√	√		√					√		√			√		
184				√		√				√		√			√				
185	√	√	√	√		√			√	√		√		√				√	
186				√						√		√						√	
187				√		√	√	√		√		√		√					
188		√		√		√	√	√	√	√		√					√	√	
189	√	√	√	√		√		√				√							√
190				√			√	√	√	√		√				√	√	√	
191	√	√	√	√		√	√					√					√		
192	√									√		√						√	
193												√							√
194				√			√					√			√			√	
195			√			√				√		√			√				
196												√						√	
197				√			√	√	√				√						
198	√									√		√						√	
199	√									√		√						√	
200												√					√	√	
201		√								√		√						√	
202				√	√		√					√		√		√			
203		√				√	√			√		√		√			√		
204		√	√	√		√	√			√		√			√	√			

**Appendices 4: Data Coding Validity and Reability Test**

No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
1	2	1	0	0	1	1	1	0	0	1	1	1	1	1	1
2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
3	2	1	0	0	1	0	1	0	0	1	1	0	0	0	1
4	1	1	0	0	1	0	1	0	1	1	1	0	0	0	1
5	3	1	0	1	1	0	1	1	1	1	1	1	1	1	1
6	2	1	0	1	1	0	1	1	1	1	1	1	1	1	1
7	4	1	0	1	1	1	1	1	1	1	1	1	1	1	1
8	1	0	0	0	0	1	1	0	1	0	1	0	1	1	1
9	1	0	0	0	1	1	1	0	1	0	0	0	1	1	1
10	2	1	1	0	1	1	1	1	1	0	1	0	1	1	1
11	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	3	0	0	1	1	0	1	1	0	0	0	0	1	1	1
13	3	1	1	1	1	1	1	1	1	1	0	0	1	1	1
14	5	1	1	0	1	1	1	1	1	1	1	1	1	1	1
15	4	1	1	0	1	1	1	0	1	0	1	0	1	1	1
16	3	1	1	1	1	1	1	0	1	0	1	0	1	1	1
17	2	1	1	0	1	1	1	0	1	0	1	0	1	1	1
18	2	1	1	0	0	1	1	0	1	0	1	1	1	1	1
19	1	0	1	0	0	1	1	1	1	0	1	0	1	1	1

No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
1	1	1	1	0	1	0	0	0	1	0	1	1	1	0	1
2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
4	1	1	1	1	0	1	1	0	1	0	1	1	1	1	0
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
8	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1
9	1	0	1	1	0	0	0	0	1	1	1	1	1	0	1
10	1	1	1	1	1	1	1	0	1	1	0	1	1	0	0
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	0	1	0	1	1	1	0	1	0	0	0	0	0	0
13	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
14	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
15	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
16	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
17	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
18	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1
19	1	1	1	1	1	1	1	0	1	1	0	1	1	0	0

No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$	$\Sigma XT^2$
1	0	0	1	1	1	1	0	0	25	625
2	1	0	1	1	1	4	1	1	38	1444
3	0	0	1	1	1	2	1	1	27	729
4	0	0	1	1	1	2	1	1	26	676
5	1	1	1	1	2	4	0	0	40	1600
6	1	1	1	1	1	3	1	2	38	1444
7	1	0	0	1	1	2	1	1	37	1369
8	1	0	0	1	1	3	1	2	29	841
9	0	0	1	1	1	1	1	1	23	529
10	0	0	1	0	2	2	1	3	33	1089
11	1	1	1	1	4	3	1	2	48	2304
12	1	0	0	1	1	1	1	1	22	484
13	1	1	0	1	1	2	1	3	38	1444
14	1	0	0	1	2	4	1	1	40	1600
15	1	0	1	1	1	4	1	3	39	1521
16	1	1	0	1	2	2	1	3	38	1444
17	0	0	0	1	1	1	1	1	29	841
18	1	1	0	1	1	2	1	2	33	1089
19	1	0	0	1	1	2	1	3	30	900

No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
20	2	1	1	0	1	1	1	1	1	0	0	0	1	1	1
21	3	1	1	0	1	1	1	1	1	1	1	1	1	1	1
22	3	1	1	0	1	1	1	1	1	0	1	0	1	1	1
23	2	1	1	0	1	1	1	1	0	0	1	0	1	1	1
24	3	0	1	0	1	1	1	1	1	0	0	0	1	1	1
25	2	1	1	0	1	0	1	1	1	0	0	0	1	1	1
26	2	1	0	0	1	0	1	1	0	0	1	0	1	1	1
27	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	0	0	1	1	0	1	1	0	1	0	1	1	1	1
30	3	0	1	1	1	1	1	1	1	1	1	1	1	1	1
31	2	0	0	0	1	1	1	1	1	1	1	0	1	1	1
32	3	1	1	0	1	1	1	1	1	0	1	1	1	1	1
33	2	1	1	0	1	1	1	1	1	0	0	0	1	1	1
34	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	2	1	1	0	1	1	1	0	0	0	1	0	1	1	1
36	3	1	0	0	1	1	1	1	1	0	0	0	1	1	1
37	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	3	1	1	1	1	1	1	1	1	0	1	0	1	1	1
39	2	1	0	0	1	1	1	0	1	0	0	0	0	0	1

No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
20	1	0	1	0	1	1	1	0	1	0	1	0	1	1	0
21	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1
22	1	1	1	0	1	1	1	0	0	1	1	1	0	0	0
23	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1
24	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1
25	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1
26	1	1	1	1	1	1	1	0	1	0	1	1	1	0	0
27	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
28	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
29	1	0	1	0	1	1	1	0	1	0	1	0	0	0	0
30	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1
31	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0
32	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1
34	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	1	0	1	1	1	1	1	0	0	0	1	1	1	1	0
36	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
37	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1
39	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1

No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$	$\Sigma XT^2$
20	1	0	1	1	1	2	1	2	30	900
21	1	0	0	1	1	2	0	0	34	1156
22	1	1	0	1	1	2	0	0	29	841
23	1	0	1	1	2	2	1	1	33	1089
24	1	0	0	1	1	3	0	0	30	900
25	1	0	0	1	1	3	0	0	29	841
26	1	0	1	1	2	4	1	1	32	1024
27	1	1	0	1	1	3	1	1	38	1444
28	1	0	1	1	2	1	1	1	39	1521
29	1	0	0	1	1	1	1	1	24	576
30	1	1	0	1	3	2	1	1	38	1444
31	1	0	0	1	1	1	1	2	30	900
32	1	0	0	1	4	1	1	1	39	1521
33	1	0	0	1	3	1	1	1	30	900
34	1	1	1	1	2	2	1	2	43	1849
35	1	0	0	1	1	2	1	2	29	841
36	1	1	1	1	1	2	0	0	33	1089
37	1	0	0	1	2	4	1	3	44	1936
38	1	1	1	1	1	2	1	1	37	1369
39	1	0	0	1	1	3	1	2	28	784



No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
40	4	1	0	0	1	1	1	1	1	0	1	0	1	1	1
41	4	0	0	0	1	1	1	1	1	1	1	0	1	1	1
42	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44	2	0	1	0	1	1	1	1	1	1	1	0	1	1	1
45	2	0	0	0	1	1	1	1	1	0	1	0	1	1	1
46	5	0	1	1	1	1	1	1	1	1	1	0	1	1	1
57	4	1	1	0	1	1	1	1	1	0	1	0	1	1	1
48	4	1	0	1	1	1	1	1	1	1	1	0	1	1	1
49	2	0	1	0	1	1	1	0	1	1	1	1	1	1	1
50	4	1	1	1	1	1	1	1	1	0	0	0	1	1	1
51	2	0	0	0	1	1	1	1	1	0	1	0	1	1	1
52	3	1	1	0	1	1	1	1	1	1	1	0	1	1	1
53	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	4	1	1	0	1	1	1	1	1	1	1	1	1	1	1
55	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
56	4	1	1	1	1	1	1	1	1	1	1	0	1	1	1
57	2	0	0	1	0	1	0	1	1	1	1	0	1	1	1
58	1	0	1	0	1	1	1	0	0	0	1	0	1	1	1
59	1	0	1	0	0	1	1	0	0	0	0	0	1	1	1

No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
40	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
41	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
42	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
43	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
45	1	1	1	1	1	1	1	0	1	0	1	1	1	0	0
46	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1
57	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
48	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	1	0	1	1	1	1	1	0	1	1	1	0	1	0	1
50	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1
51	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1
52	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0
53	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
56	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
57	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0
58	1	1	1	1	1	1	1	0	1	0	1	0	0	0	1
59	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1

No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$	$\Sigma XT^2$
40	0	0	0	1	2	2	1	1	33	1089
41	1	0	0	1	2	3	0	0	33	1089
42	1	1	1	1	2	4	1	1	44	1936
43	1	1	1	1	4	5	1	1	48	2304
44	0	0	0	1	1	2	1	1	31	961
45	0	0	0	1	1	1	0	0	25	625
46	1	0	0	1	2	3	0	0	36	1296
57	1	0	0	1	2	2	1	1	37	1369
48	1	1	0	1	2	3	0	0	39	1521
49	1	0	0	1	4	3	0	0	33	1089
50	1	0	1	1	1	2	1	2	35	1225
51	1	0	0	1	1	2	0	0	28	784
52	1	1	0	0	0	0	1	1	30	900
53	1	1	0	1	1	1	1	1	41	1681
54	1	1	1	1	2	3	1	1	43	1849
55	1	0	1	1	1	4	1	1	42	1764
56	1	0	0	1	1	3	1	1	40	1600
57	0	0	1	1	1	1	1	1	28	784
58	1	0	0	1	2	3	1	1	28	784
59	1	1	1	1	2	2	1	2	31	961

No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
60	1	1	0	0	1	1	1	0	1	0	1	0	1	1	1
61	1	1	1	0	1	1	1	0	0	0	0	0	1	1	1
62	3	1	0	0	1	1	1	0	1	0	0	0	1	1	1
63	1	0	0	0	0	0	1	0	0	0	0	0	1	1	0
64	5	1	1	1	1	1	1	1	1	1	0	0	1	1	1
65	3	1	1	0	1	1	1	1	1	1	0	0	1	1	1
66	2	0	0	0	1	0	1	0	0	0	0	0	1	1	1
67	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
68	3	1	1	0	1	0	1	1	0	0	1	0	1	1	1
69	3	1	1	1	1	1	1	1	1	1	1	0	1	1	1
70	2	0	1	0	1	0	1	0	0	1	1	0	1	1	1
71	2	1	1	1	1	1	1	1	0	1	1	0	1	1	1
72	3	1	1	1	1	1	1	1	1	1	1	0	1	1	1
73	3	1	0	0	1	1	1	1	1	1	1	1	1	1	1
74	3	0	0	0	1	0	1	1	1	1	1	0	1	1	1
75	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0
76	3	0	0	0	1	1	1	0	0	1	0	0	1	1	1
77	3	0	0	1	1	1	1	0	1	1	1	0	1	1	1
78	2	0	0	1	1	0	1	0	1	1	1	1	1	1	1
79	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1

No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
60	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1
61	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0
62	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1
63	0	1	1	1	1	1	1	0	1	1	0	0	0	0	1
64	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
65	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
66	1	0	1	1	1	1	1	0	0	0	1	0	0	0	0
67	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
68	1	1	1	1	1	1	1	0	1	0	1	0	0	0	0
69	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
70	1	0	1	1	1	1	1	0	0	1	1	1	0	0	0
71	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1
72	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
73	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
74	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
75	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0
76	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0
77	1	0	1	1	1	1	1	0	1	1	0	1	1	0	0
78	1	0	1	1	1	1	1	0	1	1	0	1	1	0	0
79	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$	$\Sigma XT^2$
60	1	0	0	1	2	2	0	0	28	784
61	0	0	0	1	2	2	1	2	24	576
62	1	0	0	1	1	2	0	0	28	784
63	1	0	0	1	4	3	1	2	25	625
64	1	1	1	1	1	2	0	0	39	1521
65	1	1	0	1	2	3	0	0	36	1296
66	0	0	0	1	2	3	1	2	23	529
67	1	1	0	1	2	2	1	1	42	1764
68	1	1	0	1	1	3	1	2	31	961
69	1	1	0	1	1	2	1	1	38	1444
70	1	0	0	1	1	3	1	2	28	784
71	1	1	0	1	3	3	1	2	39	1521
72	1	1	0	1	2	3	1	2	42	1764
73	1	1	0	1	2	2	1	1	38	1444
74	1	0	0	1	1	2	1	2	32	1024
75	1	0	0	1	1	2	1	3	17	289
76	1	0	0	1	2	4	1	2	30	900
77	1	1	0	1	1	4	1	3	35	1225
78	1	1	0	1	1	1	1	2	30	900
79	1	0	0	1	1	2	0	0	34	1156

No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
80	3	1	1	1	1	1	1	0	1	1	1	0	1	1	1
81	3	1	1	1	1	1	0	1	1	1	1	0	1	1	1
82	2	1	1	0	1	1	1	1	1	1	1	0	1	1	1
83	2	1	1	0	1	1	1	1	1	1	1	0	1	1	1
84	2	0	0	1	1	1	1	1	1	0	1	0	1	1	1
85	2	0	0	0	1	1	1	1	0	1	0	1	1	1	1
86	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1
87	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1
88	3	1	1	1	1	0	1	1	1	1	0	0	1	1	1
89	2	0	0	0	1	0	1	1	1	0	1	1	1	1	1
90	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
91	4	1	1	0	1	1	1	1	1	1	1	1	1	1	1
92	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1
93	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
94	3	0	0	1	1	0	1	1	1	1	1	1	1	1	1
95	2	0	0	0	1	0	1	1	1	1	1	1	1	1	1
96	3	0	0	0	1	0	1	0	1	0	1	0	1	1	1
97	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
98	2	1	0	0	1	1	1	1	1	0	1	0	1	1	1
99	2	0	1	1	1	1	1	1	1	1	1	0	1	1	1

No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
80	0	0	1	1	1	1	1	0	1	1	1	1	1	0	0
81	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
82	1	0	1	1	1	1	1	0	1	0	1	1	1	0	1
83	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
84	1	1	1	1	1	1	1	0	1	1	0	0	0	0	1
85	1	0	1	1	1	1	1	0	0	0	1	0	0	0	0
86	1	0	1	1	1	1	1	0	1	0	0	0	1	0	0
87	1	0	1	1	1	1	1	0	1	1	0	0	0	0	1
88	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
89	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1
90	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
91	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
92	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
93	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
94	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
95	1	1	1	1	1	1	1	0	0	0	0	1	0	0	1
96	1	0	1	1	1	1	1	0	1	0	1	1	1	0	1
97	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
98	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0
99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$	$\Sigma XT^2$
80	1	1	0	1	2	2	1	2	35	1225
81	0	0	0	1	1	2	1	2	34	1156
82	1	1	0	1	4	3	1	2	38	1444
83	1	0	1	1	1	2	1	1	34	1156
84	1	1	0	1	4	3	1	1	34	1156
85	1	1	0	1	2	5	1	3	32	1024
86	1	1	0	0	0	0	1	1	19	361
87	1	1	0	1	1	2	1	2	30	900
88	1	0	0	1	1	4	1	2	37	1369
89	1	1	0	1	2	2	0	0	31	961
90	1	1	1	1	3	2	0	0	41	1681
91	1	1	0	1	4	4	1	2	46	2116
92	1	1	0	1	2	2	0	0	35	1225
93	1	0	0	1	1	2	1	3	38	1444
94	1	0	1	1	1	3	0	0	35	1225
95	1	1	0	1	1	3	1	2	31	961
96	1	0	0	1	4	4	1	2	34	1156
97	1	1	1	1	1	2	0	0	39	1521
98	1	1	0	1	1	2	1	1	33	1089
99	1	0	0	1	1	1	1	1	35	1225

No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
100	4	0	1	0	1	1	0	0	1	0	0	0	0	0	0
101	3	0	0	0	1	1	1	1	1	0	1	0	1	1	1
102	5	0	0	0	1	1	0	1	1	0	1	0	1	1	1
103	5	0	1	0	1	1	0	1	1	1	1	0	1	1	1
104	3	1	1	1	1	1	1	1	1	1	1	0	1	1	1
105	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1
106	4	1	1	1	1	1	1	1	1	1	1	0	1	1	1
107	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
108	1	1	1	0	1	0	1	1	1	1	0	0	1	1	1
109	1	0	0	0	1	1	1	1	1	0	1	0	1	1	1
110	3	1	1	0	1	1	1	1	1	1	1	0	1	1	1
111	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
112	4	0	0	0	1	1	1	1	1	1	1	0	1	1	1
113	2	1	1	0	1	1	1	1	1	1	1	0	1	1	1
114	3	1	1	1	1	1	1	1	1	1	1	0	1	1	1
115	3	1	1	1	1	0	1	1	1	1	1	1	1	1	1
116	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1
117	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1
118	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1
119	3	1	1	0	1	1	1	1	1	1	0	0	1	1	0

No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
100	0	0	1	1	1	1	0	0	1	0	1	1	0	1	1
101	1	0	1	1	1	1	1	0	1	0	1	1	0	1	0
102	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
103	1	0	1	1	1	1	1	0	0	1	1	1	1	0	0
104	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
105	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1
106	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
107	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0
108	1	0	1	1	1	1	1	0	1	1	1	0	0	0	0
109	1	0	1	1	1	1	1	0	0	1	1	1	1	0	1
110	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0
111	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
112	1	0	1	1	1	1	1	0	1	0	1	1	0	0	0
113	1	0	1	1	1	1	1	0	1	1	1	1	1	0	1
114	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1
115	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
116	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
117	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
118	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
119	0	0	1	1	1	1	1	0	1	1	1	0	1	0	0

No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$	$\Sigma XT^2$
100	0	0	0	1	1	2	1	2	24	576
101	1	0	0	1	1	3	1	1	30	900
102	1	0	0	1	2	2	1	4	36	1296
103	1	1	0	1	1	2	1	2	34	1156
104	1	0	0	1	1	3	0	0	35	1225
105	1	0	0	1	1	2	0	0	30	900
106	0	0	0	1	1	4	1	2	40	1600
107	0	0	0	1	1	2	0	0	29	841
108	1	0	1	1	1	2	1	2	29	841
109	1	1	1	1	1	2	1	1	30	900
110	0	0	0	1	1	1	1	1	31	961
111	1	1	1	1	2	3	1	1	43	1849
112	1	0	0	1	1	2	0	0	28	784
113	1	0	0	1	2	2	0	0	32	1024
114	1	1	0	1	1	1	1	1	36	1296
115	1	1	0	1	1	3	1	2	38	1444
116	1	0	0	1	1	3	1	1	37	1369
117	0	0	1	1	1	1	1	1	34	1156
118	1	1	1	1	2	3	1	2	37	1369
119	0	0	0	1	1	2	1	0	27	729

No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
120	3	1	1	1	1	1	0	1	1	1	1	1	1	1	1
121	1	1	1	0	1	0	1	1	0	1	1	0	1	1	1
122	4	1	1	1	1	1	1	1	1	1	1	0	1	1	1
123	2	1	1	0	1	1	1	1	1	0	1	0	1	1	1
124	2	0	0	0	1	1	1	1	1	1	1	1	1	1	1
125	3	0	0	1	1	1	1	1	1	1	1	1	1	1	1
126	3	0	0	1	1	1	1	0	1	1	1	1	1	1	1
127	2	1	1	0	1	1	1	1	1	0	1	0	1	1	1
128	2	1	1	0	1	1	1	1	1	0	1	0	1	1	1
129	2	0	0	0	1	0	1	1	1	1	1	0	1	1	1
130	3	1	1	1	1	1	1	1	1	1	1	0	1	1	1
131	3	0	0	1	1	1	1	1	1	1	1	1	1	1	1
132	3	1	1	1	1	0	1	1	1	1	1	1	1	1	1
133	3	1	1	1	1	1	1	0	1	1	1	1	1	1	1
134	3	0	0	1	1	1	1	1	1	1	1	1	1	1	1
135	1	1	1	0	1	0	1	1	0	0	1	0	1	1	1
136	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
137	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
138	4	1	1	1	1	1	1	1	1	0	1	0	1	1	1
139	3	0	0	1	1	1	1	1	1	1	0	0	1	1	1

No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
120	0	1	1	1	1	1	0	1	1	1	1	1	1	0	1
121	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
122	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
123	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
124	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
125	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1
126	1	0	1	1	1	1	1	0	1	1	1	1	1	0	1
127	1	1	1	1	1	1	1	0	1	0	1	1	1	0	0
128	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0
129	1	1	1	1	1	1	1	0	1	1	0	1	0	0	0
130	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
131	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
132	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1
133	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
134	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
135	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
136	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
137	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
138	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1
139	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1

No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$	$\Sigma XT^2$
120	1	1	0	1	1	4	1	2	39	1521
121	1	1	0	1	4	3	0	0	36	1296
122	1	1	0	1	1	2	1	1	40	1600
123	1	1	1	1	1	1	1	1	33	1089
124	1	1	1	1	1	2	1	1	36	1296
125	1	1	0	1	1	4	1	1	37	1369
126	1	1	1	1	1	1	0	0	32	1024
127	1	1	1	1	1	1	0	0	30	900
128	1	1	0	1	1	2	1	1	32	1024
129	1	1	0	1	2	1	1	2	30	900
130	1	1	1	1	2	2	0	0	39	1521
131	1	0	0	1	1	1	1	2	35	1225
132	1	0	0	1	1	2	0	0	33	1089
133	1	0	0	1	1	2	1	1	38	1444
134	1	1	0	1	1	4	1	2	39	1521
135	1	1	0	1	1	2	1	2	32	1024
136	1	1	0	1	3	4	1	2	46	2116
137	1	0	0	1	2	4	1	2	43	1849
138	1	1	0	1	1	3	0	0	36	1296
139	1	0	0	1	1	2	0	0	32	1024

No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
140	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
141	2	1	1	0	1	1	1	1	0	1	1	0	1	1	1
142	2	0	0	0	1	1	1	0	1	1	0	1	1	1	1
143	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
144	3	1	1	0	1	1	1	1	1	1	0	1	1	1	1
145	5	1	1	0	1	0	1	1	1	1	1	1	1	1	1
146	2	1	1	0	1	0	1	1	0	1	1	1	1	1	1
147	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
148	5	1	1	0	1	0	1	1	1	1	0	1	0	0	1
149	5	1	1	1	1	1	1	1	0	1	1	1	1	1	1
150	3	0	0	0	1	0	1	0	1	1	0	1	1	1	1
151	2	0	0	0	1	1	1	0	1	1	0	1	1	1	1
152	5	1	1	0	1	1	1	1	1	1	1	0	1	1	1
153	3	0	0	1	1	0	1	1	1	1	1	0	1	1	1
154	2	0	0	1	1	1	1	1	1	1	1	1	1	1	1
155	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
156	2	1	1	0	1	1	1	1	1	1	1	0	1	1	1
157	2	1	1	0	1	1	1	1	0	0	1	1	1	1	1
158	5	1	1	1	1	1	1	1	1	1	0	1	1	1	1
159	2	0	0	0	1	0	1	1	0	0	0	0	1	1	1



No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
140	1	1	1	1	1	1	1	0	0	0	1	1	0	1	1
141	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1
142	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1
143	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
144	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
145	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
146	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
147	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
148	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1
149	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
150	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
151	1	1	1	1	1	1	1	0	1	1	1	0	1	0	0
152	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
153	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0
154	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1
155	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1
156	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
157	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
158	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1
159	1	0	1	1	1	1	1	0	1	0	1	0	0	0	0

No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$	$\Sigma XT^2$
140	1	0	0	1	1	2	1	1	37	1369
141	1	0	0	1	1	1	1	1	32	1024
142	1	1	0	1	1	1	1	2	31	961
143	1	1	0	1	1	1	0	0	36	1296
144	0	0	0	1	1	1	1	2	34	1156
145	1	1	0	1	1	2	1	1	38	1444
146	1	1	0	1	2	5	1	2	39	1521
147	1	1	0	1	1	3	1	1	43	1849
148	1	1	0	1	1	2	1	1	34	1156
149	1	1	0	1	4	4	1	2	46	2116
150	1	1	0	1	1	2	1	2	33	1089
151	1	1	0	1	1	1	0	0	27	729
152	1	1	1	1	1	3	1	1	41	1681
153	1	1	0	1	1	1	0	0	29	841
154	1	0	0	1	1	2	1	1	33	1089
155	1	0	0	1	1	2	1	1	36	1296
156	1	1	0	1	1	2	0	0	34	1156
157	0	0	0	1	1	2	0	0	29	841
158	1	1	0	1	4	4	1	2	44	1936
159	1	0	0	1	1	1	0	0	20	400

No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
160	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1
161	1	0	0	0	1	0	0	0	1	0	0	0	1	1	1
162	3	0	1	0	1	1	1	1	1	0	1	0	1	1	1
163	3	0	1	1	1	0	1	1	1	1	1	1	1	1	1
164	3	0	0	0	1	1	1	1	1	1	1	1	1	1	1
165	3	0	0	0	1	1	0	1	1	0	1	0	1	1	1
166	2	0	1	0	1	1	1	0	1	0	1	0	1	1	1
167	5	1	1	0	1	1	1	1	1	1	1	0	1	1	1
168	4	0	0	0	1	1	1	1	0	0	0	0	1	1	1
169	3	1	1	1	1	0	1	1	1	1	0	1	1	1	1
170	5	0	0	0	1	0	1	1	1	1	1	1	1	1	1
171	3	1	1	0	1	0	1	1	1	1	1	1	1	1	1
172	3	0	0	0	1	0	1	1	1	0	1	0	1	1	1
173	5	1	1	0	1	1	1	1	1	1	1	1	1	1	1
174	3	1	0	0	1	0	1	1	1	1	1	0	1	1	1
175	3	1	1	1	1	1	1	1	1	0	1	1	1	1	1
176	2	0	0	0	1	1	0	0	1	0	1	1	1	1	1
177	3	0	0	0	1	1	0	1	1	1	0	0	1	1	1
178	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
179	5	0	0	0	1	1	1	0	1	0	1	0	1	1	1

No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
160	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
161	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0
162	1	0	1	1	1	1	0	0	1	1	1	1	1	0	0
163	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1
164	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
165	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0
166	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0
167	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
168	1	1	1	1	1	1	1	0	1	0	1	1	1	0	0
169	1	1	1	1	1	1	1	0	1	0	1	1	0	0	0
170	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
171	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1
172	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
173	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
174	1	0	1	1	1	0	1	0	1	1	0	0	1	1	0
175	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
176	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1
177	1	1	0	0	1	1	1	0	0	0	1	0	0	0	0
178	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
179	1	1	1	1	1	1	1	0	1	0	1	1	1	0	0

No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$	$\Sigma XT^2$
160	1	1	0	1	1	1	1	1	34	1156
161	1	0	0	1	1	3	1	2	20	400
162	1	1	0	1	1	1	1	1	30	900
163	1	0	0	1	1	2	1	1	33	1089
164	1	1	0	1	4	2	1	2	38	1444
165	1	1	0	1	2	2	0	0	29	841
166	1	1	0	1	2	3	1	2	33	1089
167	1	1	1	1	1	3	0	0	38	1444
168	1	0	1	1	1	1	1	1	29	841
169	1	0	0	1	2	2	0	0	31	961
170	1	0	0	1	4	3	1	2	39	1521
171	1	0	1	1	1	1	1	1	35	1225
172	1	1	0	1	1	1	0	0	30	900
173	1	0	0	1	1	1	0	0	34	1156
174	0	0	0	0	0	0	0	0	22	484
175	1	1	0	1	1	4	0	0	37	1369
176	1	0	0	1	2	2	1	1	30	900
177	1	0	0	1	2	3	0	0	24	576
178	1	1	1	1	2	1	1	1	41	1681
179	1	1	1	0	0	0	1	1	29	841

No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
180	3	0	0	0	1	1	1	0	1	0	1	0	1	1	1
181	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
182	3	0	0	0	1	1	1	1	1	0	0	0	1	1	1
183	3	0	0	0	1	1	1	1	1	0	0	0	1	1	1
184	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
185	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
186	3	1	1	0	1	1	1	1	1	1	1	1	1	1	1
187	3	1	1	1	1	1	1	1	1	0	1	0	1	1	1
188	4	1	1	0	1	1	1	1	0	0	1	1	1	1	1
189	2	1	1	0	1	0	1	1	0	1	1	1	1	1	1
190	4	1	1	0	1	1	1	0	0	1	1	0	1	1	1
191	3	1	1	0	1	1	1	1	1	0	1	1	1	1	1
192	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
193	3	1	1	0	1	1	1	1	1	0	1	0	1	1	1
194	3	0	0	0	1	0	1	1	1	1	1	0	1	1	1
195	3	1	1	1	1	0	1	1	1	1	1	0	1	1	1
196	5	1	1	1	1	1	1	0	1	1	1	0	1	1	1
197	3	1	1	1	1	0	1	1	1	1	1	0	1	1	1
198	3	0	0	0	1	0	1	1	0	1	0	0	1	1	1
199	3	0	0	0	1	1	1	1	0	0	1	0	1	1	1

No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
180	1	1	1	1	1	1	1	0	1	0	1	1	0	0	0
181	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
182	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1
183	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1
184	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
185	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
186	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1
187	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
188	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
189	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
190	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
191	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
192	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
193	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1
194	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1
195	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1
196	1	0	1	0	1	1	1	0	0	1	1	1	1	1	1
197	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
198	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0
199	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0

No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$	$\Sigma XT^2$
180	0	0	0	1	1	2	1	1	27	729
181	1	1	0	1	1	2	1	2	40	1600
182	1	0	0	1	1	4	1	1	32	1024
183	0	0	0	1	1	2	1	2	29	841
184	1	1	1	1	1	2	1	1	41	1681
185	1	0	1	1	4	3	1	2	46	2116
186	1	1	1	1	1	1	1	1	36	1296
187	1	0	0	1	1	4	1	1	38	1444
188	1	0	1	1	2	5	1	2	41	1681
189	1	1	0	1	4	2	1	1	37	1369
190	1	1	0	1	1	4	1	3	39	1521
191	1	0	0	1	4	2	1	1	40	1600
192	1	1	1	1	1	1	1	1	40	1600
193	1	1	0	0	0	0	1	1	30	900
194	1	1	0	1	1	1	1	2	32	1024
195	1	0	0	1	1	2	1	1	34	1156
196	1	0	0	0	0	0	1	1	31	961
197	1	1	0	1	1	3	0	0	36	1296
198	1	1	0	1	1	1	1	1	28	784
199	1	0	0	1	1	1	1	1	27	729



No.Resp	Q2	Q2_1	Q2_2	Q2_3	Q2_4	Q2_5	Q2_6	Q2_7	Q2_8	Q2_9	Q2_10	Q2_11	Q2_12	Q2_13	Q2_14
200	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1
201	1	0	0	0	1	0	1	1	0	1	1	0	1	1	1
202	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1
203	3	0	1	0	1	0	1	1	1	0	1	0	1	1	1
204	3	1	0	0	1	1	1	1	1	0	1	0	1	1	1
No.Resp	Q2_15	Q2_16	Q2_17	Q2_18	Q2_19	Q2_20	Q2_21	Q2_22	Q2_23	Q2_24	Q2_25	Q2_26	Q2_27	Q2_28	Q2_29
200	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
201	1	0	1	1	1	1	1	0	1	1	1	1	0	0	0
202	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
203	1	0	0	0	1	1	1	0	0	0	1	1	0	0	1
204	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1
No.Resp	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	$\Sigma XT$		$\Sigma XT^2$				
200	1	0	0	0	0	0	1	2	30		900				
201	1	0	0	1	1	1	1	1	25		625				
202	0	0	0	1	1	2	1	2	36		1296				
203	1	0	0	1	1	3	1	2	28		784				
204	1	1	0	1	3	3	1	2	36		1296				
									<b>6906</b>		<b>240560</b>				

$\Sigma X$	<b>Q2</b>	<b>Q2_1</b>	<b>Q2_2</b>	<b>Q2_3</b>	<b>Q2_4</b>	<b>Q2_5</b>	<b>Q2_6</b>	<b>Q2_7</b>	<b>Q2_8</b>	<b>Q2_9</b>	<b>Q2_10</b>	<b>Q2_11</b>	<b>Q2_12</b>	<b>Q2_13</b>	<b>Q2_14</b>
$\Sigma X_i$	569	131	133	83	192	159	192	163	172	132	163	83	198	198	200
$\Sigma X_i^2$	1835	131	133	83	192	159	192	163	172	132	163	83	198	198	200
<b>Variance of items <math>\sigma_i^2</math></b>	1,215	0,231	0,228	0,243	0,056	0,173	0,056	0,161	0,133	0,229	0,161	0,243	0,029	0,029	0,019
$\Sigma X$	<b>Q2_15</b>	<b>Q2_16</b>	<b>Q2_17</b>	<b>Q2_18</b>	<b>Q2_19</b>	<b>Q2_20</b>	<b>Q2_21</b>	<b>Q2_22</b>	<b>Q2_23</b>	<b>Q2_24</b>	<b>Q2_25</b>	<b>Q2_26</b>	<b>Q2_27</b>	<b>Q2_28</b>	<b>Q2_29</b>
$\Sigma X_i$	198	156	200	191	201	200	196	51	173	159	188	178	161	76	132
$\Sigma X_i^2$	198	156	200	191	201	200	196	51	173	159	188	178	161	76	132
<b>Variance of items <math>\sigma_i^2</math></b>	0,029	0,181	0,019	0,060	0,015	0,019	0,038	0,188	0,130	0,173	0,073	0,112	0,167	0,235	0,229
$\Sigma X$	<b>Q3</b>	<b>Q4</b>	<b>Q5</b>	<b>Q6</b>	<b>Q7</b>	<b>Q8</b>	<b>Q9</b>	<b>Q10</b>							
$\Sigma X_i$	179	97	50	196	305	458	154	239							
$\Sigma X_i^2$	179	97	50	196	635	1266	154	439							
<b>Variance of items <math>\sigma_i^2</math></b>	0,108	0,251	0,186	0,038	0,882	1,171	0,186	0,783							
$\Sigma \sigma_i^2$	8,477														
$\sigma T^2$	33,194														

### Appendices 5: r table and t table Calculations

df (N-2)	Significance Level for Two tailed Test					
	t-table 0.07	r-table 0.07	t-table 0.05	r-table 0.05	t-table 0.1	r-table 0.1
1	9,0579	0,9940	12,7062	0,9969	6,3138	0,9877
2	3,5782	0,9300	4,3027	0,9500	2,9200	0,9000
3	2,7626	0,8472	3,1824	0,8783	2,3534	0,8054
4	2,4559	0,7754	2,7764	0,8114	2,1318	0,7293
5	2,2974	0,7166	2,5706	0,7545	2,0150	0,6694
6	2,2011	0,6684	2,4469	0,7067	1,9432	0,6215
7	2,1365	0,6282	2,3646	0,6664	1,8946	0,5822
8	2,0902	0,5943	2,3060	0,6319	1,8595	0,5494
9	2,0554	0,5652	2,2622	0,6021	1,8331	0,5214
10	2,0283	0,5399	2,2281	0,5760	1,8125	0,4973
11	2,0067	0,5177	2,2010	0,5529	1,7959	0,4762
12	1,9889	0,4979	2,1788	0,5324	1,7823	0,4575
13	1,9742	0,4803	2,1604	0,5140	1,7709	0,4409
14	1,9617	0,4643	2,1448	0,4973	1,7613	0,4259
15	1,9509	0,4499	2,1314	0,4821	1,7531	0,4124
16	1,9417	0,4367	2,1199	0,4683	1,7459	0,4000
17	1,9335	0,4246	2,1098	0,4555	1,7396	0,3887
18	1,9264	0,4134	2,1009	0,4438	1,7341	0,3783
19	1,9200	0,4031	2,0930	0,4329	1,7291	0,3687
20	1,9143	0,3935	2,0860	0,4227	1,7247	0,3598
21	1,9092	0,3846	2,0796	0,4132	1,7207	0,3515
22	1,9045	0,3762	2,0739	0,4044	1,7171	0,3438
23	1,9003	0,3684	2,0687	0,3961	1,7139	0,3365
24	1,8965	0,3610	2,0639	0,3882	1,7109	0,3297
25	1,8929	0,3541	2,0595	0,3809	1,7081	0,3233
26	1,8897	0,3475	2,0555	0,3739	1,7056	0,3172
27	1,8867	0,3413	2,0518	0,3673	1,7033	0,3115
28	1,8839	0,3354	2,0484	0,3610	1,7011	0,3061
29	1,8813	0,3298	2,0452	0,3550	1,6991	0,3009
30	1,8789	0,3245	2,0423	0,3494	1,6973	0,2960
31	1,8767	0,3194	2,0395	0,3440	1,6955	0,2913
32	1,8746	0,3146	2,0369	0,3388	1,6939	0,2869
33	1,8726	0,3099	2,0345	0,3338	1,6924	0,2826
34	1,8708	0,3055	2,0322	0,3291	1,6909	0,2785
35	1,8691	0,3013	2,0301	0,3246	1,6896	0,2746
36	1,8674	0,2972	2,0281	0,3202	1,6883	0,2709
37	1,8659	0,2933	2,0262	0,3160	1,6871	0,2673
38	1,8644	0,2895	2,0244	0,3120	1,6860	0,2638
39	1,8630	0,2859	2,0227	0,3081	1,6849	0,2605
40	1,8617	0,2824	2,0211	0,3044	1,6839	0,2573
41	1,8605	0,2790	2,0195	0,3008	1,6829	0,2542
42	1,8593	0,2758	2,0181	0,2973	1,6820	0,2512
43	1,8582	0,2726	2,0167	0,2940	1,6811	0,2483
44	1,8571	0,2696	2,0154	0,2907	1,6802	0,2455
45	1,8561	0,2667	2,0141	0,2876	1,6794	0,2429
46	1,8551	0,2638	2,0129	0,2845	1,6787	0,2403
47	1,8541	0,2611	2,0117	0,2816	1,6779	0,2377
48	1,8532	0,2584	2,0106	0,2787	1,6772	0,2353
49	1,8524	0,2558	2,0096	0,2759	1,6766	0,2329
50	1,8516	0,2533	2,0086	0,2732	1,6759	0,2306
51	1,8508	0,2509	2,0076	0,2706	1,6753	0,2284
52	1,8500	0,2485	2,0066	0,2681	1,6747	0,2262
53	1,8493	0,2462	2,0057	0,2656	1,6741	0,2241

df (N-2)	Significance Level for Two tailed Test					
	t-table 0.07	r-table 0.07	t-table 0.05	r-table 0.05	t-table 0.1	r-table 0.1
54	1,8486	0,2440	2,0049	0,2632	1,6736	0,2221
55	1,8479	0,2418	2,0040	0,2609	1,6730	0,2201
56	1,8472	0,2397	2,0032	0,2586	1,6725	0,2181
57	1,8466	0,2376	2,0025	0,2564	1,6720	0,2162
58	1,8460	0,2356	2,0017	0,2542	1,6716	0,2144
59	1,8454	0,2336	2,0010	0,2521	1,6711	0,2126
60	1,8448	0,2317	2,0003	0,2500	1,6706	0,2108
61	1,8443	0,2298	1,9996	0,2480	1,6702	0,2091
62	1,8437	0,2280	1,9990	0,2461	1,6698	0,2075
63	1,8432	0,2262	1,9983	0,2441	1,6694	0,2058
64	1,8427	0,2245	1,9977	0,2423	1,6690	0,2042
65	1,8423	0,2228	1,9971	0,2404	1,6686	0,2027
66	1,8418	0,2211	1,9966	0,2387	1,6683	0,2012
67	1,8413	0,2195	1,9960	0,2369	1,6679	0,1997
68	1,8409	0,2179	1,9955	0,2352	1,6676	0,1982
69	1,8405	0,2163	1,9949	0,2335	1,6672	0,1968
70	1,8401	0,2148	1,9944	0,2319	1,6669	0,1954
71	1,8397	0,2133	1,9939	0,2303	1,6666	0,1940
72	1,8393	0,2118	1,9935	0,2287	1,6663	0,1927
73	1,8389	0,2104	1,9930	0,2272	1,6660	0,1914
74	1,8385	0,2090	1,9925	0,2257	1,6657	0,1901
75	1,8381	0,2076	1,9921	0,2242	1,6654	0,1888
76	1,8378	0,2063	1,9917	0,2227	1,6652	0,1876
77	1,8375	0,2050	1,9913	0,2213	1,6649	0,1864
78	1,8371	0,2037	1,9908	0,2199	1,6646	0,1852
79	1,8368	0,2024	1,9905	0,2185	1,6644	0,1841
80	1,8365	0,2011	1,9901	0,2172	1,6641	0,1829
81	1,8362	0,1999	1,9897	0,2159	1,6639	0,1818
82	1,8359	0,1987	1,9893	0,2146	1,6636	0,1807
83	1,8356	0,1975	1,9890	0,2133	1,6634	0,1796
84	1,8353	0,1963	1,9886	0,2120	1,6632	0,1786
85	1,8350	0,1952	1,9883	0,2108	1,6630	0,1775
86	1,8348	0,1941	1,9879	0,2096	1,6628	0,1765
87	1,8345	0,1930	1,9876	0,2084	1,6626	0,1755
88	1,8342	0,1919	1,9873	0,2072	1,6624	0,1745
89	1,8340	0,1908	1,9870	0,2061	1,6622	0,1735
90	1,8337	0,1898	1,9867	0,2050	1,6620	0,1726
91	1,8335	0,1887	1,9864	0,2039	1,6618	0,1716
92	1,8332	0,1877	1,9861	0,2028	1,6616	0,1707
93	1,8330	0,1867	1,9858	0,2017	1,6614	0,1698
94	1,8328	0,1857	1,9855	0,2006	1,6612	0,1689
95	1,8326	0,1848	1,9853	0,1996	1,6611	0,1680
96	1,8323	0,1838	1,9850	0,1986	1,6609	0,1671
97	1,8321	0,1829	1,9847	0,1975	1,6607	0,1663
98	1,8319	0,1820	1,9845	0,1966	1,6606	0,1654
99	1,8317	0,1811	1,9842	0,1956	1,6604	0,1646
100	1,8315	0,1802	1,9840	0,1946	1,6602	0,1638
101	1,8313	0,1793	1,9837	0,1937	1,6601	0,1630
102	1,8311	0,1784	1,9835	0,1927	1,6599	0,1622
103	1,8309	0,1775	1,9833	0,1918	1,6598	0,1614
104	1,8308	0,1767	1,9830	0,1909	1,6596	0,1606
105	1,8306	0,1759	1,9828	0,1900	1,6595	0,1599
106	1,8304	0,1750	1,9826	0,1891	1,6594	0,1591
107	1,8302	0,1742	1,9824	0,1882	1,6592	0,1584

df (N-2)	Significance Level for Two tailed Test					
	t-table 0.07	r-table 0.07	t-table 0.05	r-table 0.05	t-table 0.1	r-table 0.1
108	1,8301	0,1734	1,9822	0,1874	1,6591	0,1576
109	1,8299	0,1726	1,9820	0,1865	1,6590	0,1569
110	1,8297	0,1719	1,9818	0,1857	1,6588	0,1562
111	1,8296	0,1711	1,9816	0,1848	1,6587	0,1555
112	1,8294	0,1703	1,9814	0,1840	1,6586	0,1548
113	1,8292	0,1696	1,9812	0,1832	1,6585	0,1541
114	1,8291	0,1689	1,9810	0,1824	1,6583	0,1535
115	1,8289	0,1681	1,9808	0,1816	1,6582	0,1528
116	1,8288	0,1674	1,9806	0,1809	1,6581	0,1522
117	1,8286	0,1667	1,9804	0,1801	1,6580	0,1515
118	1,8285	0,1660	1,9803	0,1793	1,6579	0,1509
119	1,8284	0,1653	1,9801	0,1786	1,6578	0,1502
120	1,8282	0,1646	1,9799	0,1779	1,6577	0,1496
121	1,8281	0,1639	1,9798	0,1771	1,6575	0,1490
122	1,8280	0,1633	1,9796	0,1764	1,6574	0,1484
123	1,8278	0,1626	1,9794	0,1757	1,6573	0,1478
124	1,8277	0,1620	1,9793	0,1750	1,6572	0,1472
125	1,8276	0,1613	1,9791	0,1743	1,6571	0,1466
126	1,8274	0,1607	1,9790	0,1736	1,6570	0,1460
127	1,8273	0,1601	1,9788	0,1729	1,6569	0,1455
128	1,8272	0,1594	1,9787	0,1723	1,6568	0,1449
129	1,8271	0,1588	1,9785	0,1716	1,6568	0,1443
130	1,8270	0,1582	1,9784	0,1710	1,6567	0,1438
131	1,8268	0,1576	1,9782	0,1703	1,6566	0,1432
132	1,8267	0,1570	1,9781	0,1697	1,6565	0,1427
133	1,8266	0,1564	1,9780	0,1690	1,6564	0,1422
134	1,8265	0,1559	1,9778	0,1684	1,6563	0,1416
135	1,8264	0,1553	1,9777	0,1678	1,6562	0,1411
136	1,8263	0,1547	1,9776	0,1672	1,6561	0,1406
137	1,8262	0,1542	1,9774	0,1666	1,6561	0,1401
138	1,8261	0,1536	1,9773	0,1660	1,6560	0,1396
139	1,8260	0,1531	1,9772	0,1654	1,6559	0,1391
140	1,8259	0,1525	1,9771	0,1648	1,6558	0,1386
141	1,8258	0,1520	1,9769	0,1642	1,6557	0,1381
142	1,8257	0,1514	1,9768	0,1637	1,6557	0,1376
143	1,8256	0,1509	1,9767	0,1631	1,6556	0,1371
144	1,8255	0,1504	1,9766	0,1625	1,6555	0,1367
145	1,8254	0,1499	1,9765	0,1620	1,6554	0,1362
146	1,8253	0,1494	1,9763	0,1614	1,6554	0,1357
147	1,8252	0,1489	1,9762	0,1609	1,6553	0,1353
148	1,8251	0,1484	1,9761	0,1603	1,6552	0,1348
149	1,8250	0,1479	1,9760	0,1598	1,6551	0,1344
150	1,8249	0,1474	1,9759	0,1593	1,6551	0,1339
151	1,8249	0,1469	1,9758	0,1587	1,6550	0,1335
152	1,8248	0,1464	1,9757	0,1582	1,6549	0,1330
153	1,8247	0,1459	1,9756	0,1577	1,6549	0,1326
154	1,8246	0,1455	1,9755	0,1572	1,6548	0,1322
155	1,8245	0,1450	1,9754	0,1567	1,6547	0,1318
156	1,8244	0,1445	1,9753	0,1562	1,6547	0,1313
157	1,8244	0,1441	1,9752	0,1557	1,6546	0,1309
158	1,8243	0,1436	1,9751	0,1552	1,6546	0,1305

df (N-2)	Significance Level for Two tailed Test					
	t-table 0.07	r-table 0.07	t-table 0.05	r-table 0.05	t-table 0.1	r-table 0.1
159	1,8242	0,1432	1,9750	0,1547	1,6545	0,1301
160	1,8241	0,1427	1,9749	0,1543	1,6544	0,1297
161	1,8240	0,1423	1,9748	0,1538	1,6544	0,1293
162	1,8240	0,1419	1,9747	0,1533	1,6543	0,1289
163	1,8239	0,1414	1,9746	0,1528	1,6543	0,1285
164	1,8238	0,1410	1,9745	0,1524	1,6542	0,1281
165	1,8237	0,1406	1,9744	0,1519	1,6541	0,1277
166	1,8237	0,1401	1,9744	0,1515	1,6541	0,1273
167	1,8236	0,1397	1,9743	0,1510	1,6540	0,1270
168	1,8235	0,1393	1,9742	0,1506	1,6540	0,1266
169	1,8235	0,1389	1,9741	0,1501	1,6539	0,1262
170	1,8234	0,1385	1,9740	0,1497	1,6539	0,1258
171	1,8233	0,1381	1,9739	0,1493	1,6538	0,1255
172	1,8233	0,1377	1,9739	0,1488	1,6538	0,1251
173	1,8232	0,1373	1,9738	0,1484	1,6537	0,1247
174	1,8231	0,1369	1,9737	0,1480	1,6537	0,1244
175	1,8231	0,1365	1,9736	0,1476	1,6536	0,1240
176	1,8230	0,1361	1,9735	0,1471	1,6536	0,1237
177	1,8229	0,1358	1,9735	0,1467	1,6535	0,1233
178	1,8229	0,1354	1,9734	0,1463	1,6535	0,1230
179	1,8228	0,1350	1,9733	0,1459	1,6534	0,1226
180	1,8228	0,1346	1,9732	0,1455	1,6534	0,1223
181	1,8227	0,1343	1,9732	0,1451	1,6533	0,1220
182	1,8226	0,1339	1,9731	0,1447	1,6533	0,1216
183	1,8226	0,1335	1,9730	0,1443	1,6532	0,1213
184	1,8225	0,1332	1,9729	0,1439	1,6532	0,1210
185	1,8225	0,1328	1,9729	0,1435	1,6531	0,1207
186	1,8224	0,1324	1,9728	0,1432	1,6531	0,1203
187	1,8223	0,1321	1,9727	0,1428	1,6530	0,1200
188	1,8223	0,1317	1,9727	0,1424	1,6530	0,1197
189	1,8222	0,1314	1,9726	0,1420	1,6530	0,1194
190	1,8222	0,1311	1,9725	0,1417	1,6529	0,1191
191	1,8221	0,1307	1,9725	0,1413	1,6529	0,1188
192	1,8221	0,1304	1,9724	0,1409	1,6528	0,1184
193	1,8220	0,1300	1,9723	0,1406	1,6528	0,1181
194	1,8220	0,1297	1,9723	0,1402	1,6527	0,1178
195	1,8219	0,1294	1,9722	0,1398	1,6527	0,1175
196	1,8219	0,1290	1,9721	0,1395	1,6527	0,1172
197	1,8218	0,1287	1,9721	0,1391	1,6526	0,1169
198	1,8218	0,1284	1,9720	0,1388	1,6526	0,1166
199	1,8217	0,1281	1,9720	0,1384	1,6525	0,1164
200	1,8217	0,1278	1,9719	0,1381	1,6525	0,1161
201	1,8216	0,1274	1,9718	0,1378	1,6525	0,1158
202	1,8216	0,1271	1,9718	0,1374	1,6524	0,1155
203	1,8215	0,1268	1,9717	0,1371	1,6524	0,1152
204	1,8215	0,1265	1,9717	0,1367	1,6524	0,1149
205	1,8214	0,1262	1,9716	0,1364	1,6523	0,1146
206	1,8214	0,1259	1,9715	0,1361	1,6523	0,1144
207	1,8213	0,1256	1,9715	0,1358	1,6522	0,1141
208	1,8213	0,1253	1,9714	0,1354	1,6522	0,1138
209	1,8212	0,1250	1,9714	0,1351	1,6522	0,1135
210	1,8212	0,1247	1,9713	0,1348	1,6521	0,1133

## Appendices 6: Cronbach's Alpha Coefficient Value (Reability - SPSS output)

### Case Processing Summary

		N	%
Cases	Valid	204	100.0
	Excluded <sup>a</sup>	0	.0
	Total	204	100.0

a. Listwise deletion based on all variables in the procedure.

### Reliability Statistics

Cronbach's Alpha	N of Items
.766	38

### Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Q2	31.06	27.991	.354	.761
Q2_1	33.21	30.857	.425	.753
Q2_2	33.20	31.216	.359	.756
Q2_3	33.45	30.741	.435	.752
Q2_4	32.91	32.987	.116	.765
Q2_5	33.07	32.275	.193	.763
Q2_6	32.91	32.702	.223	.763
Q2_7	33.05	31.637	.345	.757
Q2_8	33.01	32.295	.224	.762
Q2_9	33.21	31.110	.378	.755
Q2_10	33.05	31.578	.358	.757
Q2_11	33.45	30.790	.425	.753
Q2_12	32.88	32.922	.209	.764
Q2_13	32.88	32.922	.209	.764
Q2_14	32.87	32.959	.238	.764
Q2_15	32.88	33.030	.153	.765
Q2_16	33.09	31.332	.388	.755
Q2_17	32.87	33.117	.139	.765
Q2_18	32.92	32.875	.151	.764
Q2_19	32.87	33.022	.232	.764
Q2_20	32.87	33.058	.176	.765
Q2_21	32.89	32.964	.159	.764
Q2_22	33.60	30.694	.515	.750
Q2_23	33.00	32.832	.096	.766
Q2_24	33.07	31.182	.431	.754
Q2_25	32.93	32.350	.305	.761
Q2_26	32.98	31.665	.420	.756
Q2_27	33.06	31.597	.347	.757
Q2_28	33.48	30.931	.407	.754
Q2_29	33.21	30.854	.427	.753
Q3	32.98	32.251	.268	.761
Q4	33.38	31.409	.303	.758
Q5	33.61	32.456	.146	.765
Q6	32.89	32.934	.173	.764
Q7	32.36	29.778	.263	.765
Q8	31.61	28.752	.296	.766
Q9	33.10	32.710	.094	.767
Q10	32.68	32.583	.000	.785