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**RELATIONSHIP BETWEEN COGNITIVE ABILITY,  
PERSONALITY, PSYCHOLOGICAL WELL-BEING AND SELF-  
ESTEEM AMONG HEARING-IMPAIRED STUDENTS: THE  
MODERATING ROLE OF EMOTIONAL INTELLIGENCE**



**UMMI HABIBAH BINTI ABD RANI**

**UUM**  
Universiti Utara Malaysia

**DOCTOR OF PHILOSOPHY  
UNIVERSITI UTARA MALAYSIA  
2018**



Awang Had Salleh  
Graduate School  
of Arts And Sciences

Universiti Utara Malaysia

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**Dr. Norzaliza Alis**

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**Prof. Dr. Najib Ahmad Marzuki**

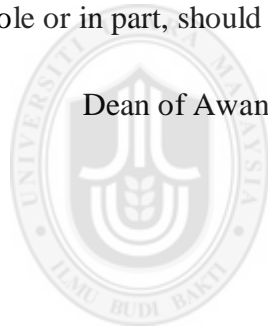
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## Abstrak

Pelajar cacat pendengaran berkecenderungan menghadapi halangan komunikasi berikutan keterbatasan aspek pengalaman sosial-emosi serta kemahiran sosial yang berpotensi mempengaruhi kecerdasan emosi, keupayaan kognitif, personaliti, kesejahteraan psikologi dan estim sendiri. Kajian ini bertujuan mengkaji: (i) tahap dimensi keupayaan kognitif, tret personaliti, dimensi kesejahteraan psikologikal, dimensi kecerdasan emosi dan estim sendiri pelajar cacat pendengaran, (ii) perbezaan keupayaan kognitif, tret personaliti, kesejahteraan psikologikal, kecerdasan emosi dan estim sendiri berdasarkan jantina dan status pendengaran ibu bapa, (iii) hubungan antara dimensi keupayaan kognitif, tret personaliti, dimensi kesejahteraan psikologikal, dimensi kecerdasan emosi dan estim sendiri, (iv) kecerdasan emosi sebagai pemboleh ubah penyederhana dan akhir sekali, (v) faktor yang meramal estim sendiri pelajar cacat pendengaran secara signifikan. Responden terdiri daripada 163 pelajar cacat pendengaran dari lima politeknik serta dipilih melalui teknik persampelan rawak mudah. Statistik deskriptif dan inferensi dianalisis menggunakan Pakej Statistik untuk Sains Sosial (SPSS). Dapatan kajian menunjukkan terdapat hubungan yang signifikan antara pemboleh ubah kajian. Terdapat perbezaan keupayaan kognitif dan estim sendiri yang signifikan berdasarkan status pendengaran ibu bapa. Terdapat juga hubungan signifikan antara estim sendiri dan *extraversion*, *agreeableness* dan *conscientiousness*. Kajian juga menunjukkan hubungan signifikan antara estim sendiri dengan dimensi kecerdasan emosi (interpersonal dan *mood* umum) dan dimensi kesejahteraan psikologikal. Kecerdasan emosi menjadi penyederhana hubungan antara memori, tumpuan, *neuroticism*, *openness*, *conscientiousness*, penerimaan sendiri, autonomi, tujuan hidup, penguasaan persekitaran dan perkembangan sendiri dengan estim sendiri. Dapatan juga menunjukkan dimensi interpersonal dan *agreeableness* menyumbang secara signifikan kepada estim sendiri. Kesimpulannya, kajian ini menyumbang kepada peningkatan pengetahuan berkenaan estim sendiri pelajar cacat pendengaran dan perkaitannya dengan keupayaan kognitif, tret personaliti, kesejahteraan psikologi dan kecerdasan emosi, khususnya dalam bidang psikologi perkembangan dan pendidikan khas di Malaysia.

**Kata kunci:** Keupayaan kognitif, Personaliti, Kesejahteraan psikologikal, Kecerdasan emosi, Estim sendiri.

## Abstract

Hearing-impaired students tend to face obstacle in communication due to limitations of social-emotional experiences as well as social skills aspect which potentially influenced emotional intelligence, cognitive ability, personality, psychological well-being and self-esteem. This study aimed to examine: (i) the level of cognitive ability dimensions, personality traits, psychological well-being dimensions, emotional intelligence dimensions and self-esteem of hearing-impaired students, (ii) the differences in cognitive ability, personality traits, psychological well-being, emotional intelligence and self-esteem of the hearing-impaired students according to gender and parents' hearing status, (iii) the relationship between cognitive ability dimensions, personality traits, psychological well-being dimensions, emotional intelligence dimensions and self-esteem, (iv) emotional intelligence as a moderating variable and lastly, (v) factors that significantly predict students' hearing-impaired self-esteem. Respondents were 163 hearing-impaired students from five polytechnics and were selected via simple random sampling. The descriptive and inferential statistics were analyzed using the Statistical Package for Social Sciences (SPSS). Findings of the study showed that there were significant relationships between variables in the study. There was a significant difference in cognitive ability and self-esteem according to parent's hearing status. There were also significant relationships between self-esteem and extraversion, agreeableness and conscientiousness. The study also revealed significant relationships between self-esteem and dimensions of emotional intelligence (interpersonal and general mood) and dimensions of psychological well-being. Emotional intelligence moderated the relationships between memory, attention, neuroticism, openness, conscientiousness, self-acceptance, autonomy, purpose in life, environmental mastery and personal growth with self-esteem. The findings also showed interpersonal and agreeableness dimensions significantly contributed towards self-esteem. In conclusion, this study contributed towards enhancing the knowledge about hearing-impaired students' self-esteem and its relation to their cognitive ability, personality traits, psychological well-being and emotional intelligence specifically in the field of developmental psychology and special education area in Malaysia.

**Keywords:** Cognitive ability, Personality, Psychological well-being, Emotional intelligence, Self-esteem

## Acknowledgement

In the Name of Allah, the Most Gracious and the Most Merciful. Solawat and Salam to our Prophet Muhammad S.A.W., his family members, companions and followers. Alhamdulillah praise to Allah the Al-Mighty as it is only by His grace, blessing, guidance and the 99 names of Allah i can reach to the end of this memorable journey.

I wish to express my heartfelt gratitude and appreciation to many people whom I am indebted to for being instrumental to the successful completion of my PhD study. My very special thanks go to my supervisor, Prof. Dr. Najib Ahmad Marzuki for his sincere guidance.

I am indebted to my beloved parents, Salasiah binti Abu Hasan, my father Abd Rani bin Md Noor, for their unconditional love and support. I am also grateful to have such loving and supportive siblings, Md Rino, Khatijah Husna, Mohd Redzuan, Hanisah and Abd Latif. Thank you all for your support. It is definitely an honor and pleasure to share doctoral studies, work and life with close friends, Fathiah, Eja, Kak Tun, kak Aini, Kak Not, Fana, Nadia, Amir and others. I am grateful for your compassion, patience and forbearing.

I am also very indebted to generous and warm response from the Ministry of Higher Education (MoHE) and the five polytechnics (Polytechnic Tuanku Syed Sirajuddin, Arau; Polytechnic Ungku Omar, Ipoh; Polytechnic Sultan Salahuddin Abdul Aziz Shah, Shah Alam; Polytechnic Ibrahim Sultan, Johor Bahru and Polytechnic Kota Kinabalu, Sabah). This experience has truly made my eyes wide open. I would like to thank polytechnics staff and hearing-impaired students from various polytechnics.

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# CHAPTER ONE

## INTRODUCTION

### 1.1 Introduction

World Health Organization (WHO) has reported an approximate calculation on the degree of hearing loss for adults and children. In adults (15 years or older), hearing loss refers to the minimum ability to hear in the degree of hearing greater than 40 dB. Meanwhile, for children (0 to 14 years) hearing loss refers to the degree of hearing loss more than 30 dB. The determinations of statistic data are based on a review of hearing-impaired population-based studies carried out up to 2017. Based on this, there are 360 million persons in the world with the disabling hearing loss (5.3% of the world's population), 328 million (91%) of these are adults (183 million males, 145 million females) and 32 (9%) millions of these are children (WHO, 2017).

In 2015, The Social Welfare Department Malaysia (SWDM) stated that the community of registered hearing impaired (children and adult) in Malaysia included 29, 636, and the number had increased to 31, 937 in 2016. Based on this number, there are 1,533 hearing-impaired from age 19 to 21 years old, which considered as aged for students who will further study for higher education. UNESCO estimates that on average, 10% of the population in developing countries have special needs. In Malaysia, only 1% of the population has been identified as having special educational needs, versus the global estimated average of 10% (WHO, 2017).



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## **APPENDICES**

# UUM

Universiti Utara Malaysia

**BORANG SOAL SELIDIK KAJIAN:**  
***RELATIONSHIP BETWEEN COGNITIVE ABILITY,  
PERSONALITY, PSYCHOLOGICAL WELL-BEING AND SELF-  
ESTEEM AMONG HEARING-IMPAIRED STUDENTS: THE  
MODERATING ROLE OF EMOTIONAL INTELLIGENCE***

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Anda diminta menjawab **SEMUA** soalan dalam soal selidik ini. Segala maklumat yang diberikan anda adalah dirahsiakan dan hanya digunakan untuk tujuan kajian ini sahaja.

Apa yang penting ialah anda perlu menjawab kesemua soalan secara jujur dan ikhlas. Sila baca dengan teliti arahan dan soalan-soalan yang dikemukakan dalam soal selidik ini.

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**BAHAGIAN A : MAKLUMAT DIRI**

Sila tandakan ( / ) di dalam kotak yang disediakan.

1. Jantina

1.	Lelaki	
2.	Perempuan	

2. Umur : \_\_\_\_\_ (TAHUN)

3. Status pendengaran ibu/ bapa atau penjaga

1.	Normal	
2.	Seorang cacat pendengaran	
3.	Kedua-dua cacat pendengaran	

4. Status pendengaran adik beradik

1.	Normal	
2.	Seorang cacat pendengaran	
3.	Lebih dari seorang cacat pendengaran	

5. Adakah Ibu bapa atau Penjaga mengetahui bahasa isyarat?

1.	Ya	
2.	Tidak	

6. Pendapatan Keluarga?

1.	Kurang RM 1000	
2.	RM 1000 hingga RM3000	
3.	RM 3000 hingga RM5000	
4.	RM 5000 ke atas	

7. Tempat tinggal keluarga

1.	Bandar	
2.	Luar bandar	

8. Bilangan adik beradik : \_\_\_\_\_ orang

9. Cara ahli keluarga berkomunikasi dengan anda

1.	Lisan pertuturan “bahasa melayu” atau “Bahasa inggeris”	
2.	Isyarat ‘Bahasa Isyarat Malaysia’ (BIM) dan ‘Kod Tangan Bahasa Melayu (KTBM)	
3.	Tulisan	

10. Adakah anda memakai alat bantuan pendengaran?

1.	Ya	
2.	Tidak	

**Jika YA, nyatakan alat:** \_\_\_\_\_

## BAHAGIAN B

Sila tandakan (/) pada kotak pilihan anda

No	Item	Sangat Setuju	Setuju	Tidak Setuju	Sangat tidak setuju
		1	2	3	4
1.	Saya fikir saya seorang yang berguna, sama seperti orang lain.				
2.	Saya fikir diri saya mempunyai kebaikan.				
3.	Saya rasa saya seorang yang gagal.				
4.	Saya boleh melakukan sesuatu dengan baik sama seperti orang lain.				
5.	Saya fikir saya tidak mempunyai banyak perkara yang boleh dibanggakan (megah).				
6.	Saya menunjukkan sikap yang positif terhadap diri saya				
7.	Secara keseluruhannya saya berpuas hati dengan keadaan diri saya				
8.	Saya berharap saya akan lebih menghargai diri sendiri				
9.	Kadang-kala saya merasa saya tidak berguna.				
10	Kadang-kadang saya berfikir saya bukan orang yang baik.				



### BAHAGIAN C

Tandakan jawapan yang paling tepat mengenai diri anda berdasarkan pilihan jawapan di bawah.

No	Item	TIDAK BENAR MENGENAI SAYA	JARANG-JARANG BENAR MENGENAI SAYA	KADANG- KADANG BENAR MENGENAI SAYA	SERINGKALI BENAR MENGENAI SAYA	BENAR MENGENAI SAYA
1.	Saya seorang yang gembira					
2.	Saya suka membantu orang lain					
3.	Saya tidak mampu beritahu idea saya kepada orang lain.					
4.	Saya ada masalah untuk jaga rasa marah					
5	Cara yang saya gunakan untuk atasi kesusahan ialah dengan selesaikan secara peringkat					
6	Saya tidak pernah melakukan perkara yang buruk dalam hidup saya					
7	Saya berasa yakin dengan diri saya dalam banyak keadaan.					
8	Saya tidak boleh faham perasaan orang lain					
9	Saya lebih suka orang lain membuat keputusan bagi pihak saya					
10	Paksaan dalam diri saya selalunya datangkan masalah					
11	Saya cuba melihat sesuatu perkara secara nyata tanpa bermimpi tentang perkara itu.					
12	Tidak ada perkara yang mengganggu saya.					

No	Item	TIDAK BENAR MENGENAI SAYA	JARANG-JARANG BENAR MENGENAI SAYA	KADANG-KADANG BENAR MENGENAI SAYA	SERINGKALI BENAR MENGENAI SAYA	BENAR MENGENAI SAYA
13	Saya percaya saya boleh berada dalam keadaan yang susah.					
14	Saya bijak memahami apa yang orang lain rasa.					
15	Adalah susah untuk saya faham perasaan saya sendiri.					
16	Saya rasa susah untuk jaga perasaan bimbang.					
17	Apabila berlaku keadaan yang susah, saya lebih suka kumpul maklumat yang banyak tentang keadaan itu.					
18	Saya tidak pernah bercakap bohong dalam hidup saya.					
19	Saya harap sesuatu yang baik dalam kebanyakan perkara yang saya lakukan.					
20	Kawan-kawan saya boleh beritahu saya perkara rahsia tentang diri mereka					
21	Sejak beberapa tahun ini, pencapaian saya terlalu sedikit.					
22	Saya amat mudah marah.					
23	Saya lebih suka mendapatkan gambaran sesuatu masalah sebelum cuba selesaikan ia.					
24	Saya tidak pernah ikut apa-apa undang-undang pun.					

No	Item	TIDAK BENAR MENGENAI SAYA	JARANG-JARANG BENAR MENGENAI SAYA	KADANG-KADANG BENAR MENGENAI SAYA	SERINGKALI BENAR MENGENAI SAYA	BENAR MENGENAI SAYA
25	Saya mengambil berat tentang apa yang berlaku kepada orang lain.					
26	Susah untuk saya merasa kehidupan					
27	Saya susah membuat keputusan bersendirian.					
28	Saya ada paksa diri kuat yang susah dijaga.					
29	Bila ada masalah, perkara pertama yang saya lakukan ialah berfikir dahulu.					
30	Saya tidak pernah menghadapi hari-hari yang buruk.					
31	Saya berpuas hati dengan kehidupan saya.					
32	Perhubungan yang rapat penting kepada saya dan rakan-rakan saya.					
33	Susah untuk memberitahu perasaan dalaman saya.					
34	Saya seorang yang suka paksa orang lain.					
35	Apabila cuba untuk selesaikan masalah, saya melihat kepada semua faktor dan pilih cara yang paling baik.					
36	Saya tidak pernah dimalukan atas apa-apa yang telah saya lakukan.					
37	Saya selalu berasa tertekan/ stres					

No	Item	TIDAK BENAR MENGENAI SAYA	JARANG-JARANG BENAR	KADANG- KADANG BENAR	SERINGKALI BENAR	BENAR MENGENAI SAYA
38	Saya boleh menghormati orang lain.					
39	Saya lebih suka menjadi seorang pengikut daripada menjadi ketua.					
40	Saya seorang yang cepat marah.					
41	Dalam mengurus masalah yang timbul, saya cuba fikir banyak cara yang ada.					
42	Saya anggap sesuatu perkara akan habis dengan baik walaupun terdapat halangan dari masa ke semasa.					
43	Saya jaga perasaan orang lain					
44	Orang lain anggap saya kurang tegas.					
45	Saya seorang yang tidak sabar.					
46	Saya percaya dengan kebolehan saya urus masalah yang sedih.					
47	Saya ada hubungan yang baik dengan orang lain					
48	Susah untuk saya bayangkan perasaan saya					
49	Sebelum mula sesuatu yang baru, saya selalu rasa yang saya akan gagal.					
50	Susah untuk saya jaga hak-hak saya.					
51	Orang lain anggap yang saya adalah seorang yang suka bergaul.					

## BAHAGIAN D

Tandakan jawapan di dalam kotak berikut.

No	Item	Sangat tidak setuju	Tidak Setuju	Sedikit Tidak setuju	Sedikit Setuju	Setuju	Sangat Setuju
1.	Saya tidak takut untuk beri idea walaupun idea saya berbeza dengan orang lain.						
2.	Saya berpendapat bahawa saya yang bertanggungjawab urus hidup saya.						
3.	Saya tidak minat dengan aktiviti yang pengaruh/kuasai orang lain.						
4.	Kebanyakan orang melihat saya sebagai seorang yang penyayang dan peramah/ mesra.						
5.	Saya hidup seperti biasa dan tidak fikir sangat tentang masa depan.						
6.	Apabila saya fikir perjalanan hidup yang lepas, saya bersyukur dengan apa yang telah saya dapat.						
7.	Keputusan-keputusan saya tidak dipengaruhi oleh apa yang dibuat oleh orang lain.						
8.	Keperluan hidup kadang-kadang menjatuhkan semangat saya.						
9.	Pengalaman baru penting bagi membentuk diri berfikir tentang diri sendiri dan orang sekeliling.						
10.	Mengckalkan hubungan rapat sesama manusia adalah sangat susah dan kecewa/ sedih bagi saya.						
11.	Saya mempunyai arah tuju dan matlamat hidup.						
12.	Secara umum, saya berasa yakin dan positif dengan diri sendiri.						

No	Item	Sangat tidak setuju	Tidak Setuju	Sedikit Tidak setuju	Sedikit Setuju	Setuju	Sangat Setuju
13	Saya mudah risau tentang apa orang fikir tentang saya.						
14	Saya tidak berapa mesra dengan orang ramai dan masyarakat di sekeliling saya.						
15	Apabila difikirkan semula, saya masih belum mencapai apa yang diinginkan.						
16	Saya selalu berasa sunyi kerana saya hanya ada beberapa orang kawan karib untuk kongsi masalah.						
17	Jadual harian saya selalu jadi tidak penting bagi saya.						
18	Saya rasa orang lain telah dapat apa yang mereka mahu tetapi saya belum dapat apa yang saya mahu.						
19	Saya selalu ikut orang yang mempunyai idea-idea yang bagus.						
20	Saya seorang yang agak cepat/bijak dalam menyelesaikan masalah kehidupan seharian saya.						
21	Saya rasa diri saya telah berubah ke arah kebaikan masa ke semasa.						
22	Saya suka berbual dan bincang dengan semua ahli keluarga atau dengan rakan-rakan.						
23	Saya tidak ada semangat yang kuat untuk apa yang saya ingin capai.						
24	Saya suka banyak perkara dalam diri saya.						
25	Saya yakin dengan pendapat yang saya beri walaupun ia tidak sama dengan pendapat orang ramai.						

No	Item	Sangat tidak setuju	Tidak Setuju	Sedikit Tidak setuju	Sedikit Setuju	Setuju	Sangat Setuju
26.	Saya selalu berasa tertekan/ stres dengan tanggungjawab saya.						
27.	Saya tidak suka berada dalam keadaan baru yang menyebabkan saya kena ubah keadaan lama yang saya sudah selesa.						
28.	Orang ramai anggap saya ini seorang suka bantu dan sanggup berkongsi masa dengan orang lain.						
29	Saya suka rancang sesuatu untuk masa depan dan saya cuba membuatnya.						
30	Dalam banyak keadaan, saya berasa kecewa/scdih dengan kehidupan saya.						
31	Susah bagi saya untuk beri pendapat gosip semasa.						
32	Saya susah untuk uruskan kehidupan saya untuk capai kepuasan diri sendiri.						
33	Pada saya, kehidupan adalah suatu proses yang berterusan dari segi pembelajaran, perubahan dan peningkatan.						
34	Saya tidak ada pengalaman yang menarik dan tidak percaya hubungan dengan orang lain.						
35	Sesetengah orang hidup tiada arah tuju tetapi saya hidup ada arah tuju.						

No	Item	Sangat tidak setuju	Tidak Setuju	Sedikit Tidak setuju	Sedikit Setuju	Setuju	Sangat Setuju
36	Sikap saya mungkin tidak positif seperti yang orang lain anggap.						
37	Saya ikut apa yang saya fikir penting, tetapi bukan ikut pandangan yang orang lain beri.						
38	Saya telah berjaya bina kehidupan dan cara hidup ikut kemahuan diri sendiri.						
39	Suatu ketika dulu, saya telah putus asa dalam membuat perkara baru dalam hidup saya.						
40	Saya percaya kawan-kawan saya, dan kawan-kawan percaya saya.						
41	Kadang-kadang, saya rasa saya telah buat apa yang patut dalam hidup saya.						
42	Bila saya berca antara saya dengan kawan-kawan, saya rasa lebih senang/ selesa dengan diri sendiri.						



### BAHAGIAN E

Sila tanda (/) pada kotak yang anda bersetuju dengan kenyataan-kenyataan di bawah.

No	Item	Sangat tidak setuju	Tidak Setuju	Sedikit Setuju	Setuju	Sangat Setuju
1.	Saya bukan seorang yang bimbang.					
2.	Saya suka dikelilingi orang ramai.					
3.	Saya tidak suka membuang masa dengan berangan-angan (mimpi) yang tidak penting.					
4.	Saya cuba bercakap dengan baik kepada orang yang saya jumpa.					
5.	Saya menyimpan barang-barang saya dengan kemas.					
6.	Selalu saya berasa rendah diri dengan orang lain.					
7.	Saya mudah ketawa/ Suka.					
8.	Apabila saya temui cara yang terbaik, saya akan sentiasa menggunakan cara tersebut.					
9.	Selalu saya bergaduh dengan keluarga dan rakan kerja.					
10.	Saya pandai dalam buat kerja hingga selesai ikut masa yang ditetapkan.					
11.	Kadang-kadang saya rasa tidak selesa bila saya tertekan/ stress.					
12.	Saya anggap diri saya sedih.					
13.	Saya amat suka dengan lukisan/ hasil kerja dan keindahan alam.					
14.	Sesetengah orang berpendapat saya seorang yang penting diri sendiri dan ego.					
15.	Saya bukan orang yang ikut peraturan.					
16.	Jarang saya rasa sunyi atau sedih					

### BAHAGIAN E

Sila tanda (/) pada kotak yang anda bersetuju dengan kenyataan-kenyataan di bawah.

No	Item	Sangat tidak setuju	Tidak Setuju	Sedikit Setuju	Setuju	Sangat Setuju
17	Saya seronok berbual dengan orang ramai.					
18	Pelajar akan keliru kalau dengar ceramah yang diberi oleh orang yang ada banyak sikap kurang baik.					
19	Saya lebih selesa beri kerjasama dengan orang lain daripada bergaduh dengan mereka.					
20	Saya cuba buat semua kerja yang diberi dengan bersungguh- sungguh.					
21	Selalu saya berasa tertekan dan takut.					
22	Saya suka berada di tempat penuh mencabar/ lasak.					
23	Sajak/ puisi kurang mempengaruhi saya.					
24	Saya bersikap mengejek dan tidak pasti tujuan orang lain.					
25	Saya ada senarai matlamat yang jelas dan berusaha mencapainya ikut kepentingan.					
26	Kadangkala saya berasa diri tidak berharga langsung.					
27	Saya lebih suka buat sesuatu perkara secara sendirian.					
28	Selalu saya mencuba makanan baru dan lain.					
29	Saya percaya orang lain akan ambil kesempatan ke atas kita jika kita biarkan mereka.					
30	Saya banyak membuang masa sebelum membuat kerja.					

### BAHAGIAN E

Sila tanda (/) pada kotak yang anda bersetuju dengan kenyataan-kenyataan di bawah.

No	Item	Sangat tidak setuju	Tidak Setuju	Sedikit Setuju	Setuju	Sangat Setuju
31	Jarang sekali saya berasa takut atau bimbang.					
32	Saya selalu rasa saya amat bertenaga.					
33	Saya jarang rasa sesuatu bila persekitaran berbeza.					
34	Kebanyakan orang yang kenal saya suka saya.					
35	Saya bekerja keras untuk mencapai matlamat.					
36	Selalu saya marah dengan cara orang melayan saya.					
37	Saya seorang yang gembira dan bersemangat.					
38	Saya percaya kita perlu rujuk kepada pihak yang bertanggungjawab dalam hal agama dalam sebarang keputusan dan isu moral.					
39	Setengah orang berpendapat saya seorang yang tidak mesra dan terlalu berkira.					
40	Apabila saya ada tanggungjawab, saya boleh diharap untuk membuatnya hingga selesai.					
41	Selalu apabila tersilap, saya akan hilang semangat dan mudah berputus asa.					
42	Saya bukan orang yang mengharap sesuatu yang baik dalam sesuatu hal.					
43	Kadang-kadang apabila saya membaca sajak/puisi atau melihat hasil kerja, saya akan rasa minat.					
44	Saya seorang yang degil dan bersemangat.					

**BAHAGIAN E**

Sila tanda (/) pada kotak yang anda bersetuju dengan kenyataan-kenyataan di bawah.

No	Item	Sangat tidak setuju	Tidak Setuju	Sedikit Setuju	Setuju	Sangat Setuju
45	Kadang-kadang saya bukan seorang yang boleh diberi kepercayaan.					
46	Saya jarang berasa sedih atau murung.					
47	Kehidupan saya berjalan dengan terlalu cepat.					
48	Saya tidak minat fikir alam semesta atau keadaan manusia.					
49	Secara umum, saya cuba ambil berat dan kasihan orang lain.					
50	Saya adalah seorang yang bijak siapkan tugas.					
51	Selalu saya rasa lemah dan mahu seseorang bantu saya selesaikan masalah saya.					
52	Saya seorang yang sangat kuat bermain/ sukan.					
53	Perasaan ingin tahu saya adalah tinggi.					
54	Jika saya tidak suka seseorang, saya akan beritahu orang itu.					
55	Saya bukan seorang yang teratur.					
56	Ada ketika saya berasa sangat malu hingga saya mahu sembunyi diri.					
57	Saya sedia ikut cara sendiri daripada memimpin orang lain.					
58	Selalu saya senang idea yang ada dalam fikiran saya.					
59	Saya bersedia pengaruhi orang lain untuk dapat apa yang saya mahu.					
60	Saya berusaha keras untuk cemerlang dalam semua perkara yang saya lakukan.					

## **Borang Persetujuan Bermaklum (Informed Consent)**

1. Saya memahami bahawa tujuan kajian ini adalah untuk mengetahui apa yang pelajar cacat pendengaran berfikir tentang diri mereka. Maklumat ini akan membantu pihak pengurusan politeknik untuk tahu bagaimana untuk membantu pelajar menjadi lebih bahagia dan sihat.
2. Saya akan diminta untuk menjawab soalan-soalan di atas kertas dan permainan menggunakan komputer. Saya boleh membaca bahasa Malaysia, menjawab soalan-soalan dan menggunakan komputer. Saya tidak perlu menjawab soalan jika saya tidak mahu.
3. Soalan-soalan ini mungkin mengambil masa sehingga satu jam dan 30 minit masa saya.
4. Saya faham bahawa sekiranya saya mempunyai sebarang soalan, saya boleh bertanya kepada penyelidik. Saya faham saya boleh berhenti dan meninggalkan pada bila-bila masa. Nama penyelidik adalah Ummi Habibah binti Abd Rani dan dia boleh dihubungi di 019-7666304. Penyelidik adalah dari Universiti Utara Malaysia, Kedah.
5. Saya faham bahawa maklumat di sini adalah sulit (rahsia). Saya faham bahawa maklumat tentang latar belakang saya adalah untuk membantu penyelidik memahami jawapan saya dan tidak mengetahui siapa saya.
6. Menandatangani nama saya di atas kertas ini menunjukkan bahawa saya bersetuju dengan bebas untuk menjawab soalan-soalan ini.
7. Saya bersetuju untuk menyertai kajian ini.

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(Tarikh)

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(Tandatangan)



Ruj. Kami : KPT/JPP/PPP/700-1/1 Jld. 5( 7 )  
Tarikh : 24 Mei 2016

**UMMI HABIBAH BINTI ABDUL RANI**

No. 5, Taman Palma,  
Jalan Sintok UUM,  
06010 Changlun,  
Kedah

Puan,

**KEBENARAN MENJALANKAN PENYELIDIKAN BERTAJUK "*RELATIONSHIP BETWEEN COGNITIVE ABILITY, PERSONALITY, PSYCHOLOGICAL WELL-BEING AND SELF ESTEEM AMONG HEARING-IMPAIRED STUDENTS: THE MODERATING ROLE OF EMOTIONAL INTELLIGENCE*"**

Saya dengan hormatnya merujuk perkara di atas.

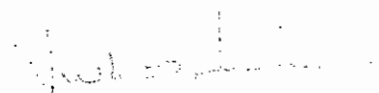
2. Sukacita dimaklumkan bahawa pihak kami tiada halangan untuk memberi kebenaran kepada puan untuk menjalankan kebenaran penyelidikan bertajuk "*Relationship Between Cognitive Ability, Personality, Psychological Well-Being And Self Esteem Among Hearing-Impaired Students: The Moderating Role Of Emotional Intelligence*" seperti yang dijelaskan dalam cadangan penyelidikan yang disertakan.
3. Sebarang pertanyaan lanjut berkenaan kajian penyelidikan yang akan dijalankan, sila hubungi Ketua Unit Penyelidikan Politeknik yang berkenaan untuk melancarkan lagi pelaksanaan kajian.
4. Untuk peringatan, puan hendaklah mengemukakan senaskah laporan akhir kajian tersebut ke Pusat Penyelidikan dan Inovasi Politeknik (PPIP), Jabatan Pendidikan Politeknik. Dimaklumkan juga bahawa puan, adalah diminta mendapatkan

kebenaran terlebih dahulu daripada FFiP sekiranya sebahagian atau sepenuhnya dapatan penyelidikan tersebut hendak dibentangkan di mana-mana persidangan atau seminar, atau untuk pengumuman di media massa

Sekian untuk makluman dan tindakan seterusnya, terima kasih.

**"BERKHIDMAT UNTUK NEGARA"**

Saya yang menurut perintah,



**(NORKAMAL BIN JAAFAR)**

c.p Pengarah

Pusat Penyelidikan dan Inovasi Politeknik

Jabatan Pendidikan Politeknik

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**UUM**  
Universiti Utara Malaysia



**JABATAN KEBAJIKAN MASYARAKAT**  
*Department of Social Welfare*

Aras 6, 9-18, No.55 Persiaran Perdana,  
Presint 4,  
62100 PUTRAJAYA  
MALAYSIA



Tel : 603-8323 1000  
Faks (Fax) : 603-8323 2045  
Laman Web : [www.jkm.gov.my](http://www.jkm.gov.my)  
(Website)

Rujukan kami: JKMM 100/17/1/JLD.15 (31)

Tarikh: 26 Mei 2017

Umami Habibah binti Abd Rani  
Jabatan Psikologi dan Kaunseling  
Kolej Sains dan Sastera  
06010 Universiti Utara Malaysia  
Sintok Kedah

Puan,

**PERMOHONAN DATA ORANG KURANG UPAYA PENDENGARAN YANG  
MENDAFTAR DENGAN JABATAN KEBAJIKAN MASYARAKAT**

Dengan hormatnya saya merujuk perkara tersebut di atas.

2. Bersama-sama ini disertakan maklumat berkenaan untuk kegunaan pihak puan. Puan diminta untuk menyerahkan dua (2) salinan laporan akhir kepada Jabatan ini selepas kajian tersebut selesai.
3. Sebarang maklumat lanjut, puan boleh menghubungi Bahagian Perancangan dan Pembangunan, Jabatan Kebajikan Masyarakat di talian **03-8323 1930** atau e-mel [noraidabrahim@jkm.gov.my](mailto:noraidabrahim@jkm.gov.my).

Sekian, terima kasih.

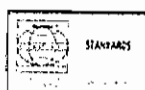
**"BERKHIDMAT UNTUK NEGARA"**  
**"BERKAT BERJASA"**

Saya yang menurut perintah

(**FATIMAH ZURAI DAH BINTI SALLEH**)  
Pegawai Perancangan dan Pembangunan  
b.p. Ketua Pengarah Kebajikan Masyarakat

No. telefon: 03-8323 1924  
No. faks: 03-8323 2048  
E-mel: [timah@jkm.gov.my](mailto:timah@jkm.gov.my)

**BERKAT BERJASA**





Ummi Habibah binti Abd Rani  
No 5 Jalan Sintok Taman Palma  
06010 Changlun Kedah

Dr. Hasliza A. Rahim @ Samsuddin  
Pensyarah Kanan,  
Pusat Pengajian Kejuruteraan Sistem Elektrik  
Universiti Malaysia Perlis  
Kampus Pauh Putra  
02600 Arau Perlis

Melalui,

Prof. Dr. Najib Bin Hj Ahmad Marzuki  
Profesor  
Sekolah Pembangunan Sosial  
Kolej Sains Dan Sastera  
Universiti Utara Malaysia,  
Siutok 06010  
Kedah

17 Januari 2016

Dr.

**PERMOHONAN MENGGUNAKAN CANTAB (CAMBRIDGE NEUROPSYCHOLOGICAL TEST AUTOMATED BATTERY) SYSTEM**

Merujuk kepada perkara di atas, adalah dimaklumkan saya **UMMI HABIBAH BINTI ABD RANI, No. Matrik 94062** merupakan pelajar PhD Psikologi di UUM. Saya ingin memohon kebenaran untuk menggunakan *CANTAB system* bagi tujuan menjalankan kajian bagi melengkapkan projek PhD dan maklumat lanjut adalah seperti berikut:

**Nama** : Ummi Habibah Binti Abd Rani  
**No. K/P** : 840913-08-6358  
**Program** : Phd Psikologi  
**Tarikh** : Januari 2016- Disember 2016  
**Penggunaan**  
**Tempat** : Politeknik Tuanku Syed Sirajuddin, Arau Perlis  
**Email** : [ummihabibah1@yahoo.com](mailto:ummihabibah1@yahoo.com)  
**Tajuk Kajian** : *Relationship Between Cognitive Ability, Personality, Psychological Well-Being and Self-Esteem Among Hearing-Impaired Students: The Moderating Role Of Emotional Intelligence*

2. Diharapkan permohonan ini akan dipertimbangkan oleh pihak Dr. Saya akan mematuhi peraturan yang telah ditetapkan dan akan bertanggungjawab terhadap segala kerosakkan yang berlaku. Bersama-sama ini disertakan pengesahan saya sebagai pelajar.

Perhatian dan kerjasama daripada pihak Dr amatlah dihargai.

Sekian, terima kasih.

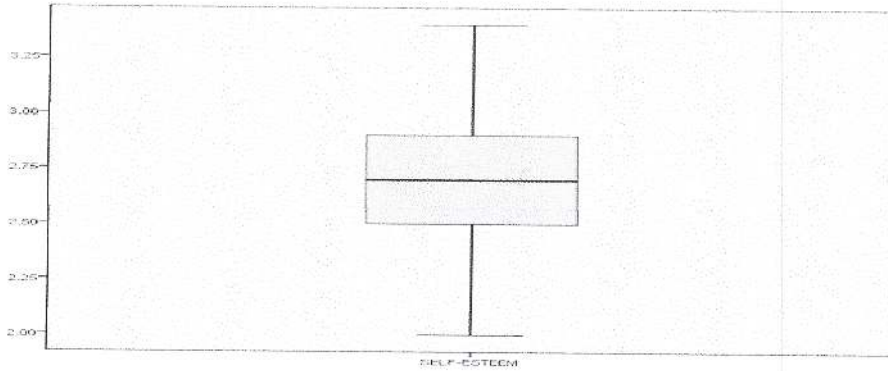
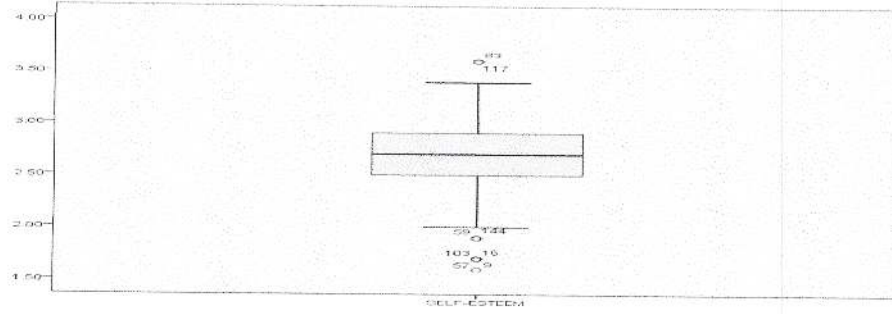
Yang benar,

.....  
**(UMMI HABIBAH BINTI ABD RANI)**

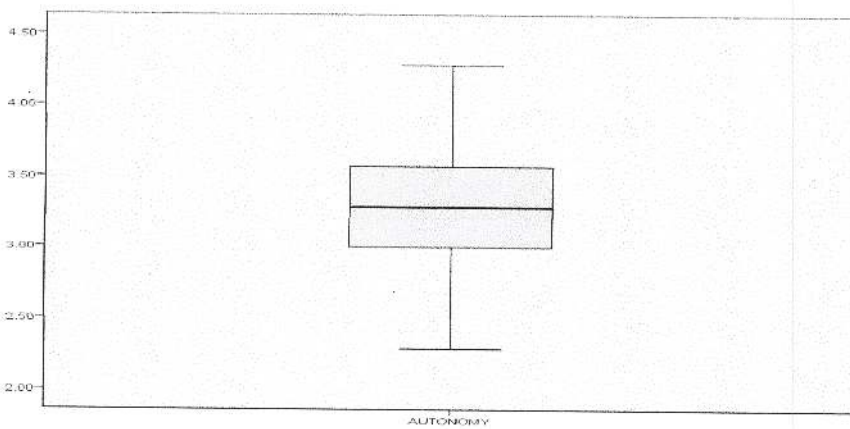
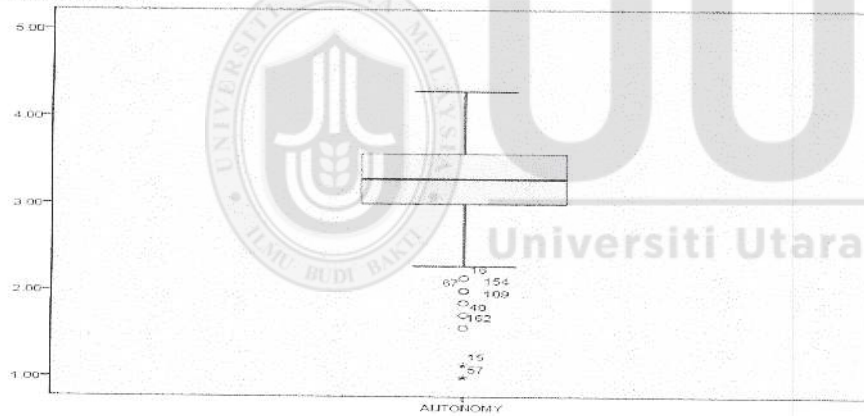
Pelajar  
PhD Psikologi  
Universiti Utara Malaysia

# APPENDIX B

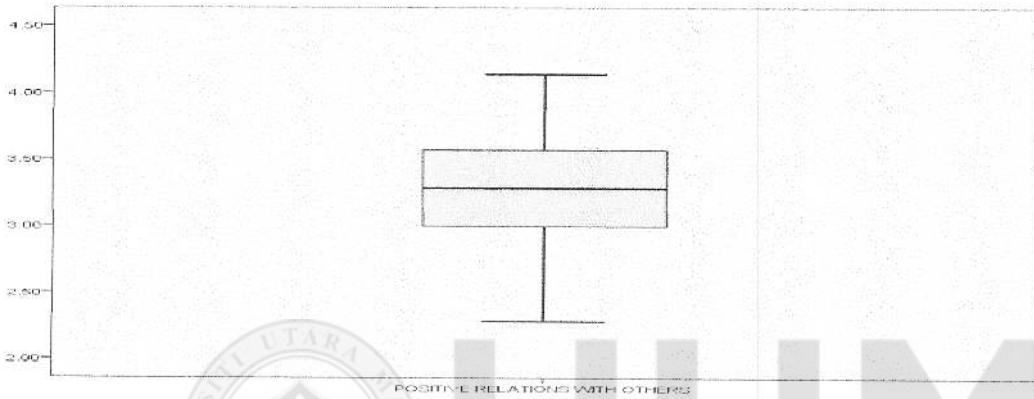
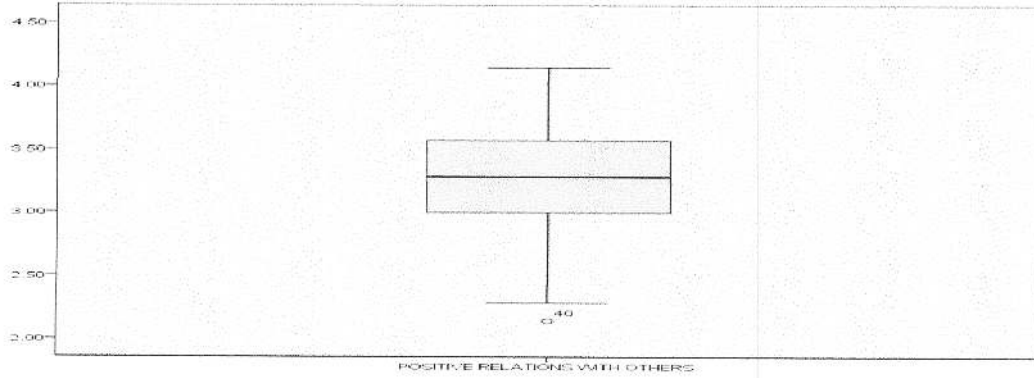
## SELF-ESTEEM



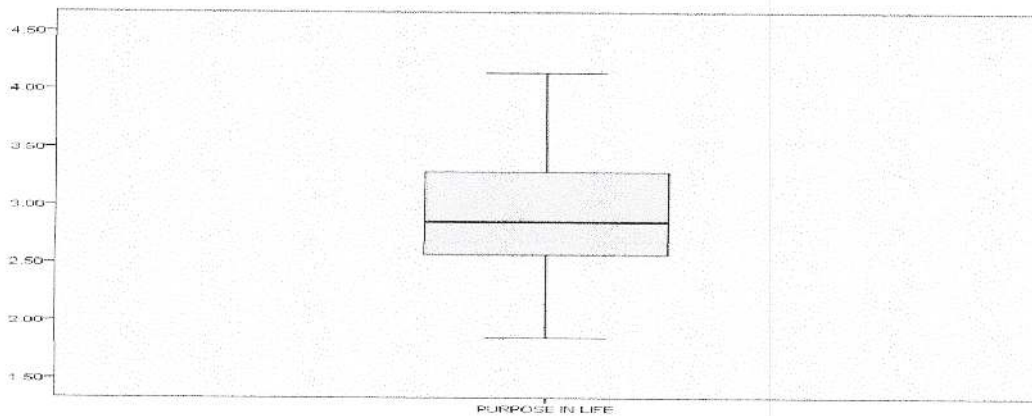
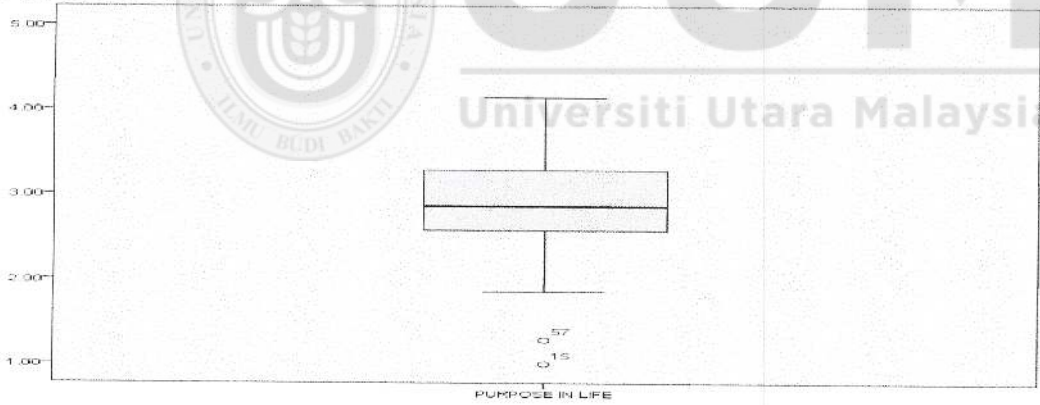
## AUTONOMY



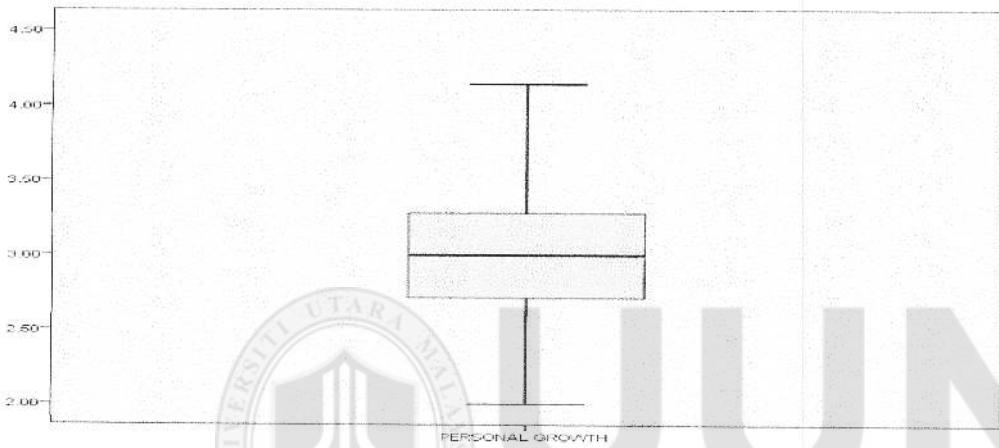
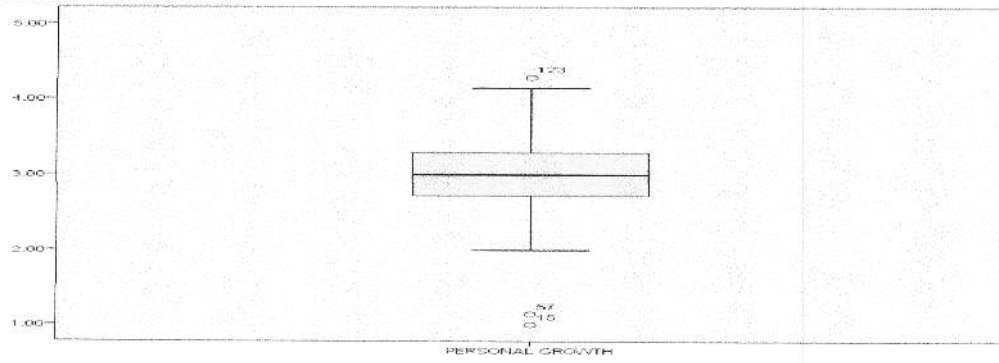
**POSITIVE RELATIONS WITH OTHERS**



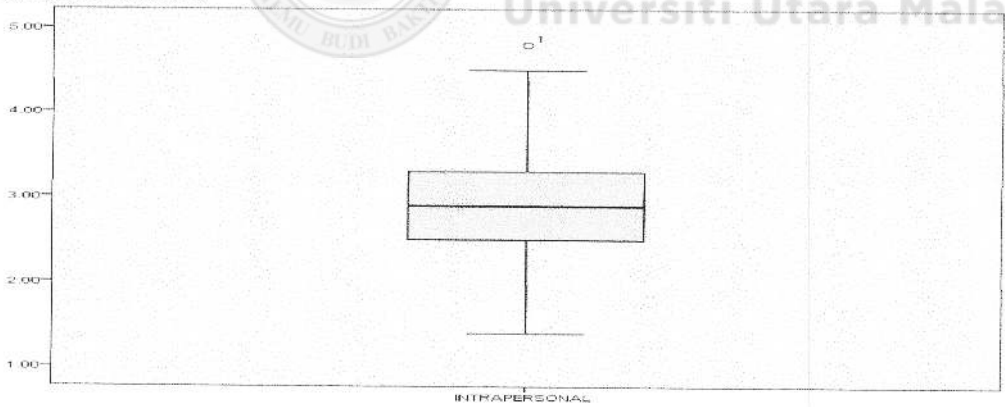
**PURPOSE IN LIFE**

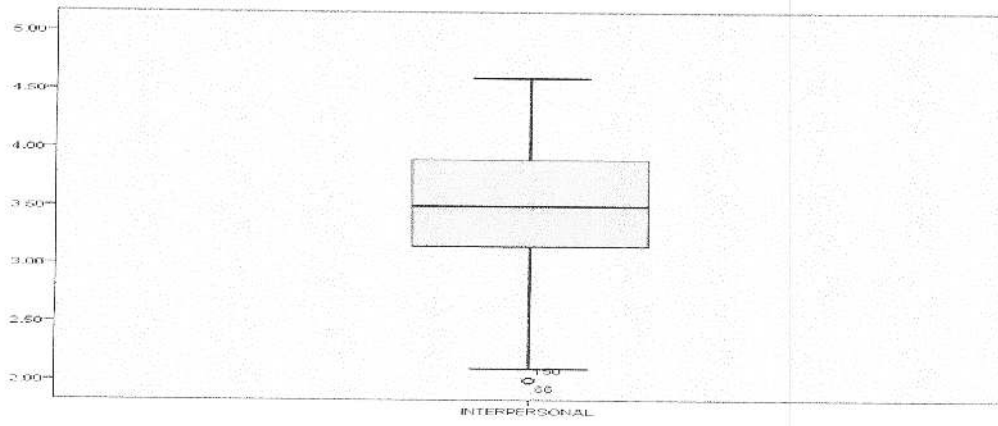


### PERSONAL GROWTH

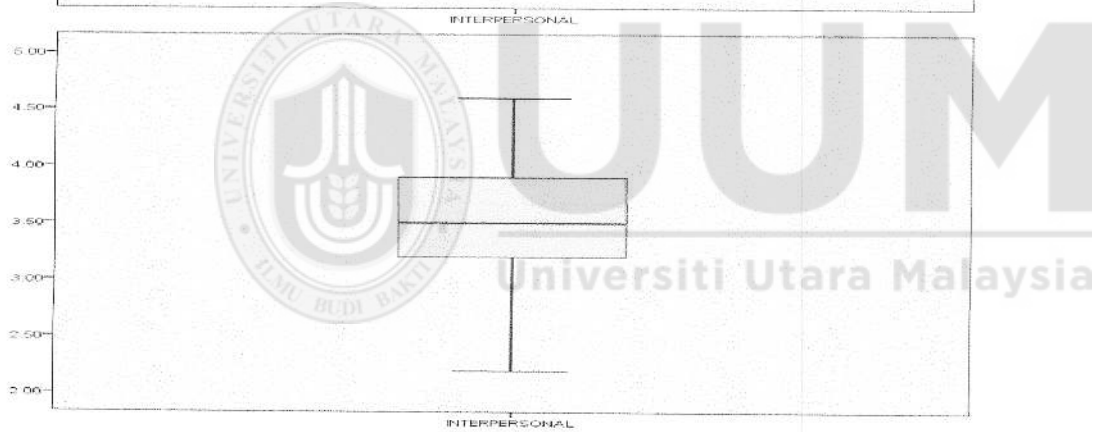
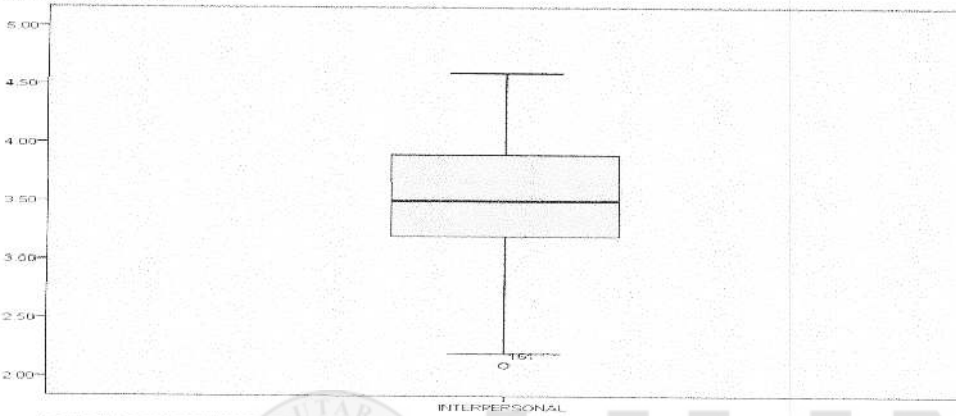


### INTRAPERSONAL

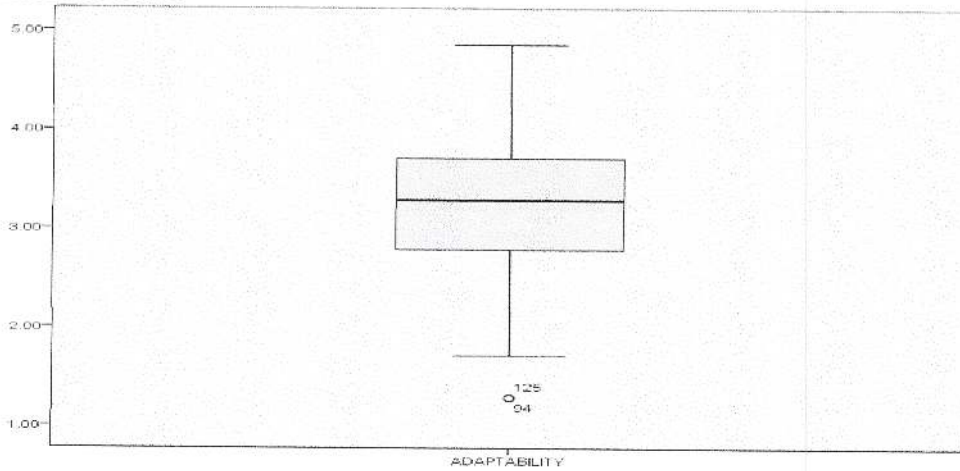


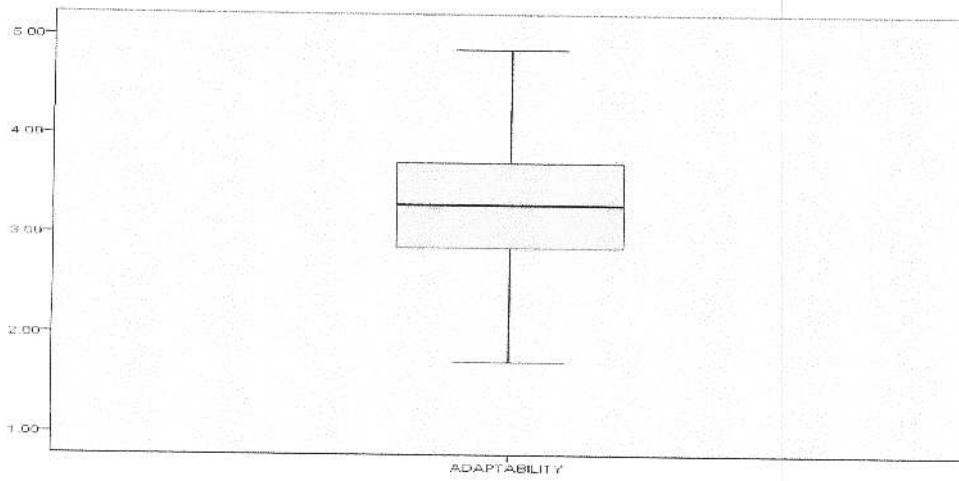


**INTERPERSONAL**

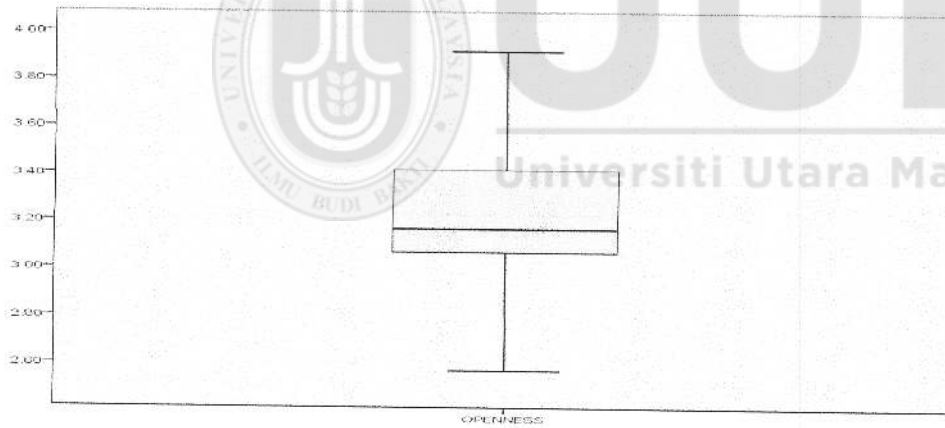
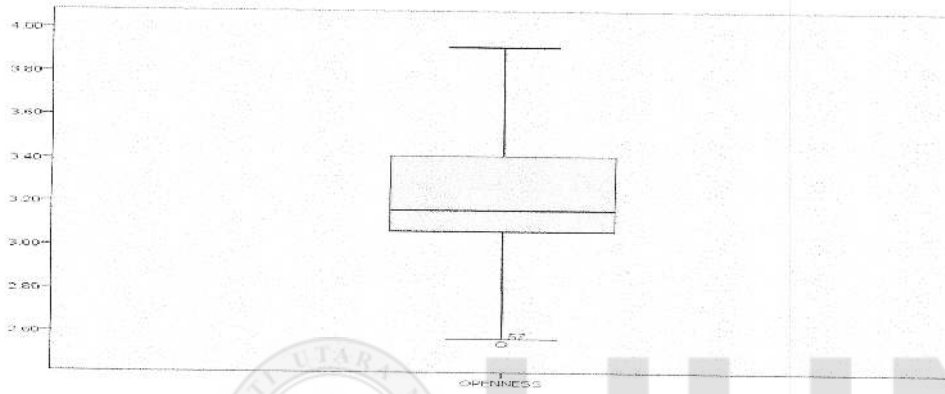


**ADAPTABILITY**





**OPENNESS**



**AGREEABLENESS**

