

DAFTAR PUSTAKA

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LAMPIRAN 1. Rekomendasi Persetujuan Etik



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
 UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN
 KOMITE ETIK PENELITIAN KESEHATAN
 RSPTN UNIVERSITAS HASANUDDIN
 RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR
 Sekretariat : Lantai 2 Gedung Laboratorium Terpadu
 JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.
 Contact Person: dr. Agussalim Bukhari.,MMed,PhD, SpGK TELP. 081241850858, 0411 5780103, Fax : 0411-581431



REKOMENDASI PERSETUJUAN ETIK

Nomor : 445/UN4.6.4.5.31/ PP36/ 2021

Tanggal: 12 Juli 2021

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH21040221	No Sponsor Protokol	
Peneliti Utama	dr. Marco Angelo Liwan	Sponsor	
Judul Peneliti	Hubungan Penggunaan Smartphone Terhadap Perubahan Komponen Biometri Okular dan Refraksi Anak Usia Sekolah Dasar		
No Versi Protokol	2	Tanggal Versi	29 Juni 2021
No Versi PSP	2	Tanggal Versi	29 Juni 2021
Tempat Penelitian	RS Universitas Hasanuddin Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku 12 Juli 2021 sampai 12 Juli 2022	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian Kesehatan FKUH	Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)	Tanda tangan	
Sekretaris Komisi Etik Penelitian Kesehatan FKUH	Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)	Tanda tangan	

Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 jam dan dilengkapi dalam 7 hari dan Laporan SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

LAMPIRAN 2. Formulir Persetujuan



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
KOMITE ETIK PENELITIAN KESEHATAN
Fakultas Kedokteran Universitas Hasanuddin
RSPTN Universitas Hasanuddin
RSUP dr. Wahidin Sudirohusodo Makassar
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu FKUH
JL. PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10, MAKASSAR 90245
Contact Person: dr. Agussalim Bukhari, M.Med, Ph.D, Sp.GK 081241850858
e-mail:agussalimbukhari@yahoo.com

Lampiran 2.

FORMULIR PERSETUJUAN

Saya yang bertanda tangan di bawah ini :

Nama : Umur :tahun

Alamat :

Telepon/HP :

Menyatakan bersedia untuk berpartisipasi pada penelitian ini yang berjudul :

**“HUBUNGAN PENGGUNAAN SMARTPHONE TERHADAP PERUBAHAN
DALAM KOMPONEN BIOMETRI OKULAR DAN REFRAKSI ANAK USIA
SEKOLAH DASAR”**

setelah mendengar/membaca dan mengerti penjelasan yang diberikan mengenai tujuan dan manfaat yang akan didapatkan pada penelitian ini, khususnya bagi kemajuan ilmu kedokteran.

Makassar,

Saksi I

Saksi II

(.....)

. (.....)

Penanggung jawab penelitian:

dr. Marco Angelo Liwan
Jalan Gunung Merapi 85, Kelurahan Lajangiru, Kecamatan Ujung Pandang Kota
Makassar
Telp. 08225888792

Penanggung jawab medik :

Dr. dr. Marliyanti N Akib, Sp.M(K), M.Kes
Citraland Celebes, Cluster Maroon Vogue blok F9/26, Kabupaten Gowa
Telp.08114441610

DISETUJUI OLEH KOMISI
PENELITIAN KESEHATAN
FAKULTAS KEDOKTERAN UNHAS
TGL..... 2021

LAMPIRAN 3. Master Data Penelitian

No	Nama	JK	SE			AL			ACD			LT			Diameter Kornea			Mean KR			CCT			Umur	Berapa lama total jam dalam sehari menggunakan smartphone/handphone/poncel/Hari Kerja? (JAM)	Berapa lama total jam dalam sehari menggunakan smartphone/handphone/poncel/Hari Kerja? (JAM)	Berapa lama dalam sehari melakukan aktivitas dekat (<30 cm) di luar ruangan (Olahraga/Bermain)?	Berapa lama dalam seminggu aktivitas di luar ruangan (Olahraga/Bermain)?
			P1	P2	P3	P1	P2	P3	P1	P2	P3	P1	P2	P3	P1	P2	P3	P1	P2	P3	P1	P2	P3					
1	Muh Ubay Yahya	1	-0,25	-0,25	-0,25	23,13	23,3	23,33	3,17	3,18	3,2	3,27	3,12	3,21	12,52	12,28	12,84	40,7	41	41,5	501	547	534	6	4	4	1 jam	10
2	Muh Akbar Wardana	1	-0,125	-0,125	-0,25	22,5	22,52	22,91	3,21	3,22	3,25	3,78	3,11	3,04	11,5	11,8	12,49	45,4	45,7	46,4	548	525	528	7	no	no	2 jam	10
3	Uwais Al Qarni	1	-0,25	-0,25	-0,375	23,18	23,2	23,23	3,65	3,66	3,69	3,46	3,11	3	11,65	12,56	11,57	45,06	45,36	45,86	553	568	523	6	no	no	4 jam	28
4	Ahmad Arza	1	-0,375	-0,375	-0,5	23,22	23,22	23,24	3,75	3,77	3,78	3,93	3,38	3,1	12,03	11,24	11,38	43,565	43,965	44,465	573	561	568	6	no	no	1 jam	14
5	Muh Atharizq Yusuf	1	-0,25	-0,375	-0,375	23,34	23,41	23,52	3,41	3,41	3,42	3,1	3,07	3,03	11,8	11,46	11,41	43,47	43,87	44,57	554	566	525	7	4	4	30 menit	35
6	Maulidin Khairi	1	-0,25	-0,25	-0,5	23,31	23,44	23,57	3,71	3,77	3,78	3,76	3,5	3,08	11,79	11,77	12,1	41,75	42,15	42,65	540	535	555	6	4	4	30 menit	35
7	Ahmad Naufal	1	-1	-1	-1,125	25	25	25,2	4,83	4,81	4,81	3,86	3,96	3,07	12,05	12,69	12,41	42,005	42,405	42,905	525	548	549	6	4	4	3 jam	7
8	Muh Kaeza	1	-0,125	-0,375	-0,25	21,07	21,08	21,12	3,31	3,32	3,35	3,77	3,2	3,06	11,94	11,42	12,15	40,415	40,815	41,315	455	524	556	7	4	3,5	3 jam	28
9	Muh Azka Robbani	1	-0,25	-0,25	-0,5	21,01	21,02	21,09	3,41	3,44	3,5	3,75	3,4	3,06	12,4	12,21	12,13	40,265	40,665	41,165	494	560	555	7	no	no	1 jam	20
10	Muh Zaki Rindra	1	-0,25	-0,25	-0,5	22,28	22,35	22,35	3,51	3,52	3,53	3,91	3,21	3,05	12,16	12,16	12,63	42,495	42,895	43,395	549	538	566	7	no	no	1 jam	14
11	Muh Kaisar	1	-0,25	-0,25	-0,5	23,18	23,19	23,29	3,47	3,47	3,47	3,29	3,55	3,04	10,76	11,9	12,02	44,045	44,445	44,945	553	538	530	6	3	4	1 jam	12
12	Radardhan Atalia	1	-0,25	-0,375	-0,5	23,14	23,15	23,17	3,41	3,41	3,41	3,54	3,63	3,03	11,73	12,93	12,17	44,72	45,12	45,62	515	567	528	8	no	no	2	14
13	Hudzaifah ChaeDir	1	-0,25	-0,375	-0,625	23,09	23,11	23,21	3,53	3,53	3,53	3,32	3,15	3,3	11,25	12,69	12,17	43,71	44,01	44,51	526	548	565	6	4	3	2	7
14	Ahmad Ashraf	1	-0,375	-0,375	-0,75	23,21	23,28	23,49	3,41	3,41	3,41	3,62	3,04	3,29	12,14	12,83	12,2	42,235	42,535	43,435	540	571	525	6	4	4	1 jam	10
15	Muh Syafiq Arfi	1	-0,25	-0,375	-0,5	23,21	23,22	23,44	3,28	3,29	3,29	3,31	3,38	3,29	11,53	11,41	12,08	42,255	42,655	43,555	541	546	565	6	no	no	1 jam	15
16	Al Kahfi	1	-0,25	-0,375	-0,625	22,97	23,1	23,34	3,92	3,93	3,99	3,28	3,16	3,92	11,55	12,02	12,83	44,925	45,325	46,225	537	568	570	7	4	4	2 jam	10
17	Muh Afan Gibran	1	-0,25	-0,375	-0,5	22,21	22,24	22,31	3,35	3,37	3,4	3,28	3,69	3,4	11,29	12,32	12,11	44,345	44,745	45,245	531	538	563	7	3,5	3,5	1 jam	15
18	Fatih al Faisal	1	-0,375	-0,375	-0,75	22,77	22,77	22,8	3,9	3,91	3,95	3,28	3,95	3,15	12,22	11,89	12,63	43,68	44,08	44,58	567	580	552	6	3,5	4	1 jam	12
19	Jalwa Khanza	2	-0,375	-0,375	-0,625	22,86	22,86	22,99	3,65	3,66	3,66	3,68	3,27	3,98	12,02	11,46	12,22	43,31	43,71	44,21	526	528	525	8	no	no	2 jam	5
20	Zahira Ghaitsa	2	-0,375	-0,375	-0,75	22,8	22,83	22,91	3,12	3,15	3,21	3,57	3,27	3,06	11,98	12	12,58	43,43	43,83	44,73	529	580	576	7	4	4	30 menit	4
21	Qoidah Aulia	2	-0,375	-0,375	-0,625	22,78	22,81	22,89	3,28	3,28	3,27	3,27	3,3	11,99	11,09	12,14	42,9	43,3	43,8	556	556	542	8	4	5	3 jam	10	
22	Nadifa Azkia	2	-0,75	-0,825	-0,825	23	23,05	23,11	3,04	3,04	3,11	3,96	3,56	3,26	11,64	12,46	12,8	42,78	43,18	43,88	532	523	522	7	no	no	3	7
23	St Atifah	2	-0,25	-0,25	-0,625	22,34	22,41	22,5	3,85	3,9	3,91	3,94	3,72	3,25	12,44	11,6	12,28	44,425	44,825	45,325	545	554	558	8	no	no	4	4
24	Eyna Qaireen	2	-0,375	-0,375	-0,75	23,54	23,59	23,66	3,51	3,51	3,54	3,98	3,9	3,24	11,5	12,06	12,07	42,53	42,93	43,63	555	571	571	8	30 menit	45 menit	30 menit	4
25	Azzahra Fatimah	2	-0,25	-0,375	-0,625	22,01	22,13	22,19	3,35	3,35	3,36	3,24	3,29	3,03	12,34	12,7	12,99	42,68	43,08	43,98	509	546	550	7	4	3	4	5
26	Izstaulia Aulia	2	-0,125	-0,25	-0,5	21,88	21,92	22,01	3,31	3,31	3,31	3,23	3,92	3,87	12,24	12,68	12,54	42,12	42,52	43,42	504	528	558	7	no	no	4	4
27	Khumaira Afwa	2	-0,125	-0,5	-0,5	22,18	22,24	22,31	3,48	3,51	3,55	3,22	3,16	3,84	12,25	12,62	12,65	44,35	44,75	45,65	518	547	521	8	no	no	5	7
28	Azka Dinayla	2	-0,25	-0,25	-0,25	22,41	22,42	22,45	3,22	3,22	3,24	3,43	3,17	3,14	11,9	11,2	12,21	43,565	43,865	44,365	516	524	576	8	4	4	1 jam	14
29	Uzwatun Chasanah	2	-0,375	-0,375	-0,625	23,11	23,17	23,3	3,02	3,03	3,05	3,87	3,42	3,07	11,9	11,29	12,86	44,385	44,685	45,185	575	527	571	8	no	no	4	7
30	Andi Syifa	2	-0,375	-0,375	-0,625	21,6	21,64	21,78	3,04	3,04	3,05	3,73	3,4	3,27	11,25	12,25	12,56	45,46	45,76	46,26	546	521	539	7	no	no	5	7
			-0,25	-0,375	-0,625	21,64	21,6	21,79	3,14	3,14	3,15	3,58	3,4	3,5	11,65	12,14	12,13	45,65	45,95	46,45	523	537	568					

31	Izzatunisa Rama	2	-0,125	-0,125	-0,25	20,54	20,58	20,61	3,01	3,04	3,06	3,52	3,4	3,6	10,96	12,44	12,91	45,315	45,615	46,515	574	533	550	8	4	4	1,5 jam	12
			-0,125	-0,125	-0,375	20,55	20,57	20,59	3,11	3,14	3,19	3,51	3,4	3,71	11,4	12,31	12,78	45,85	46,15	47,05	542	575	545					
32	Shaika Mouzanisa	2	-0,25	-0,5	-0,625	22,19	22,2	22,21	3,01	3,01	3,05	3,4	3,56	3,31	11,71	11,52	12,55	43,38	43,68	44,18	530	551	557	7	4	4	2 jam	4
			-0,5	-0,5	-0,5	22,13	22,15	22,19	3,42	3,47	3,48	3,94	3,39	3,18	11,78	11,54	12,74	43,645	43,945	44,845	580	569	543					
33	Afiqah Shereem	2	-0,25	-0,375	-0,625	22,53	22,54	22,65	3,44	3,48	3,51	3,93	3,39	3,81	11,81	12,44	12,22	43,785	44,085	44,985	546	577	570	7	3,5	5	2 jam	4
			-0,25	-0,375	-0,625	22,59	22,59	22,65	3,34	3,35	3,36	3,39	3,25	3,12	11,82	11,09	12,67	43,525	43,825	44,725	554	557	576					
34	Siti Sofia	2	-0,75	-0,625	-0,75	24,68	24,71	24,79	4,32	4,32	4,38	3,38	3,13	3,82	12,14	12,92	12,16	44,825	45,125	46,025	567	563	534	7	4	4	1 jam	5
			-0,25	-0,25	-0,25	23,74	23,81	23,89	4,19	4,21	4,22	3,38	3,84	3,33	12,14	12,42	12,63	44,59	44,89	45,79	577	558	578					
35	Mutmainnah Arizah	2	-0,25	-0,25	-0,5	23,02	23,08	23,19	3,25	3,31	3,39	3,38	3,68	3,01	12,06	11,29	12,85	43,665	43,965	44,865	529	567	552	7	5	5	4	4
			-0,25	-0,25	-0,25	22,79	22,88	22,99	3,11	3,19	3,21	3,37	3,87	3,07	12,11	11,79	12,81	44,1	44,4	44,9	546	549	559					
36	Zalfa Maesyarah	2	-0,25	-0,375	-0,375	22,93	22,95	23	3,39	3,41	3,41	3,93	3,36	3,59	11,9	11,67	12,01	43,02	43,32	43,82	524	531	533	7	4	4	2 jam	12
			-0,25	-0,375	-0,375	22,9	22,99	23,01	3,32	3,34	3,39	3,92	3,36	3,65	11,63	12,38	12,38	43,275	43,575	44,075	524	544	536					
37	Alfiyah Dzakiya	2	-0,25	-0,375	-0,5	22,56	22,59	22,65	3,46	3,49	3,52	3,45	3,34	3,08	11,64	11,87	12,1	44,595	44,895	45,395	529	575	560	7	no	no	2 jam	4
			-0,25	-0,25	-0,5	22,32	22,37	22,4	3,26	3,28	3,33	3,84	3,22	3,17	11,74	12,54	12,61	44,71	45,01	45,51	517	554	535					
38	Nur Aisyah	2	-0,25	-0,25	-0,5	22,24	22,29	22,35	3,66	3,66	3,69	3,33	3,28	3,18	12,2	11,63	12,09	45,225	45,525	46,025	557	556	542					
			-0,25	-0,25	-0,375	22,11	22,15	22,22	3,57	3,61	3,32	3,39	3,82	3,15	12,17	11,98	12,55	45,005	45,305	46,305	559	576	579	7	4	4	1 jam	7
39	Nahdah Nashirah	2	-0,375	-0,375	-0,625	23,58	23,62	23,7	3,01	3,09	3,11	3,32	3,6	3,56	11,53	12,55	12,69	43,115	43,515	44,415	528	542	546	7	4	5	2 jam	4
			-0,375	-0,375	-0,625	23,32	23,38	23,45	3,26	3,26	3,32	3,36	3,28	3,17	11,9	11,25	43	43,4	44,3	44,3	527	545	539					
40	Nurul Fajriyah	2	-0,125	-0,375	-0,75	21,82	21,84	22	3,05	3,05	3,07	3,32	3,23	3,2	11,91	12,04	11,28	45,74	46,14	47,04	563	576	527	7	4	4	3	7
			-0,125	-0,375	-0,625	21,78	21,82	21,91	3,29	3,29	3,29	3,99	3,54	3,31	11,97	11,07	12,04	45,715	46,115	47,015	512	522	528					
41	Maryam Annisa	2	-0,25	-0,5	-0,625	22,11	22,18	22,3	3,11	3,12	3,19	3,98	3,6	3,31	11,6	11,99	11,12	44,46	44,86	45,76	555	572	578	7	no	no	4	4
			-0,125	-0,125	-0,375	21,72	21,75	22,79	3,1	3,12	3,13	3,77	3,3	3,31	11,45	12,62	11,74	44,725	45,125	46,025	565	545	523					
42	Nur Afika	2	-0,375	-0,5	-0,625	22,72	22,81	22,9	3,45	3,45	3,49	3,67	3,64	3,31	11,67	12,43	12,74	44,335	44,735	45,635	576	571	530	8	4	4	1 jam	no
			-0,375	-0,5	-0,5	22,89	22,94	22,96	3,59	3,62	3,69	3,65	3,47	3,31	11,77	12,68	11,45	44,08	44,48	45,38	579	552	545					
43	Nafisah Izzatunisa	2	-0,25	-0,25	-0,5	23,59	23,61	23,65	3,13	3,19	3,19	3,57	3,08	3,31	11,48	11,93	12,11	43,665	44,065	44,965	518	538	549	8	4	4	1,5 jam	7
			-0,25	-0,25	-0,5	23,72	23,77	23,8	3,45	3,45	3,47	3,54	3,08	3,31	11,53	11,79	12,22	43,21	43,61	44,51	507	549	545					
44	Nurafiqah Deadiyah	2	-0,375	-0,5	-0,75	23,16	23,21	23,3	3,43	3,43	3,46	3,31	3,33	3,02	11,96	12,89	12,55	42,345	42,745	43,645	586	574	548	8	4	5	1 jam	7
			-0,375	-0,5	-0,5	23,15	23,18	23,3	3,23	3,23	3,25	3,99	3,78	3,3	11,96	11,71	11,74	42,385	42,785	43,285	566	547	567					
45	Alya Faidzah	2	-0,25	-0,5	-0,75	22,16	22,19	22,31	3,24	3,29	3,41	3,86	3	3,3	11,54	11,43	12,68	45,105	45,505	46,005	537	574	522	8	5	4	2 jam	7
			-0,25	-0,25	-0,5	22,11	22,18	22,29	3,44	3,44	3,46	3,74	3,3	3,3	11,52	12,77	11,76	45,38	45,78	46,28	536	556	530					
46	St Zaerah Salsabila	2	-0,375	-0,5	-0,625	22,98	23,02	23,11	3,37	3,41	3,49	3,22	3,88	3,53	11,97	12,1	11,44	43,105	43,505	44,005	503	553	557	8	no	no	2 jam	7
			-0,375	-0,5	-0,5	23,31	23,4	23,45	3,14	3,15	3,19	3,21	3,32	3,61	11,73	11,32	12,52	42,79	43,19	43,69	581	549	528					
47	Muthah Ramadhani	2	-0,25	-0,25	-0,25	22,49	22,49	22,51	3,33	3,31	3,18	3,54	3,21	3,5	11,66	11,42	11,78	42,67	43,07	43,57	543	520	570	8	4	4	1 jam	14
			-0,375	-0,5	-0,5	22,45	22,48	22,5	3,81	3,85	3,89	3,25	3,21	3,76	11,53	11,7	12,84	42,925	43,325	44,225	539	527	530					
48	Aisyabla Putri	2	-0,375	-0,5	-0,625	22,47	22,51	22,61	3,11	3,12	3,19	3,74	3,2	3,62	11,69	11,46	11,94	43,35	43,75	44,65	559	533	522	8	4	4	1 jam	4
			-0,25	-0,25	-0,25	22,38	22,41	22,5	3,35	3,35	3,35	3,62	3,2	3,53	11,81	12,47	12,7	43,42	43,82	44,72	567	525	528					
49	Neesya Hafidzatul	2	-0,375	-0,375	-0,5	22,59	22,62	22,7	3,09	3,11	3,21	3,58	3,92	3,98	11,92	11,89	11,41	44,73	45,13	46,03	517	549	557	8	3,5	3,5	2 jam	4
			-0,375	-0,375	-0,375	22,68	22,71	22,75	3,36	3,36	3,36	3,58	3,51	3,55	11,94	11,02	12,66	44,665	45,065	45,965	515	555	529					
50	Sahwatul Islamiyah	2	-0,375	-0,375	-0,625	22,93	22,99	23,05	3,01	3,01	3,01	3,58	3,9	3,07	11,75	12,22	12,97	43,03	43,43	44,33	563	570	577	8	4	4	1 jam	7
			-0,375	-0,375	-0,375	22,83	22,91	23	3,77	3,81	3,83	3,57	3,43	3,96	11,9	11,64	11,14	43,245	43,645	44,245	544	565	552					
51	Azzah Ayu	2	-0,25	-0,625	-0,375	22,37	22,39	22,45	3,02	3,02	3,03	3,57	3,36	3,58	11,58	12,65	11,41	43,67	43,97	44,67	520	571	561	8	4	4	1 jam	14
			-0,25	-0,375	-0,5	22,48	22,51	22,57	3,08	3,11	3,12	3,57	3,24	3,98	11,51	11,92	11,58	43,48	43,78	44,68	517	522	565					
52	Fatimah Azhara	2	-0,125	-0,125	-0,25	21,56	21,57	21,6	3,35	3,36	3,38	3,57	3,73	3,25	12,34	12,22	12,38	42,68	42,98	43,88	509	533	526	8	no	no	1 jam	14
			-0,125	-0,125	-0,375	21,88	21,9	21,92	3,01	3,12	3,14	3,54	3,73	3,68	12,24	12,39	12,68	42,12	42,42	43,32	504	569	564					
53	Aysah Fahriyah	2	-0,5	-0,5	-0,625	23,34	23,39	23,51	3,38	3,38	3,38	3,54	3,13	3,52	11,61	12,86	11,38	42,775	43,075	43,975	587	554	541	7	3,5	3,5	2 jam	7
			-0,5	-0,5	-0,5	23,21	23,31	23,4	3,54	3,54	3,54	3,53	3,93	3,53	11,74	12,72	12,11	43,37	43,67	44,57	594	540	569					
54	Farizah Zulfa	2	-0,375	-0,375	-0,625	23,32	23,39	23,5	3,21	3,34	3,41	3,53	3,31	3,26	11,49	12,02	11,15	41,25	41,55	42,45	583	549	563	7	3,5	3,5	1 jam	7
			-0,375	-0,375	-0,5	23,12	23,18	23,25	3,19	3,21	3,4	3,53	3,97	3,16	11,49	11,45	11,35	40,985	41,285	41,785	572	549	557					
55	Suhayyah	2	-0,25	-0,25	-0,75	22,14	22,19	22,2	3,22	3,23	3,25	3,52	3,79	3,75	11,78	11,84	12,12	43,985	44,285	44,785	564	524	525	8	4	3,5	1 jam	7
			-0,25	-0,25	-0,25	22,15	22,21	22,3	3,2	3,22	3,24	3,52	3,2	3,44	11,54	12,35	11,13	44,73	45,03	45,53	539	525	521					
56	Shofiyah	2	-0,75	-1,375	-0,75	24,24	24,29	24,39	3,02	3,03	3,05	3,51	3,57	3,97	12													

66	Raisya Adzka	2	-0.25	-0.5	-0.625	22.41	22.48	22.58	3.21	3.24	3.27	3.12	3.18	3.16	11.14	12.68	12.07	42.35	42.65	43.15	511	579	528	6	3,5	4	3	4	
			-0.25	-0.25	-0.25	22.66	22.71	22.8	3.28	3.31	3.25	4	3.35	3.15	11.84	12.04	12.39	44.03	44.33	45.03	518	572	544						
67	Aisyah Makaella	2	-0.25	-0.25	-0.625	22.18	22.23	22.3	3.44	3.46	3.46	3.71	3.46	3.14	11.25	12.58	11.6	44.855	45.155	45.855	512	533	529	7	4	4	1 jam	7	
			-0.375	-0.375	-0.625	22.12	22.19	22.28	3.35	3.31	3.37	3.84	3.98	3.3	11.28	11.95	11.81	44.82	45.22	45.92	534	529	527						
68	Nailah Putri	2	-0.25	-0.375	-0.375	22.23	22.23	22.25	3.45	3.66	2.96	3.84	3.41	3.18	11.56	12.85	11.27	43.495	43.895	44.595	530	564	543	7	no	no	1 jam	14	
			-0.25	-0.375	-0.5	22.27	22.19	22.3	3.83	3.89	3.91	3.83	3.81	3.9	11.65	12.6	12.03	43.32	43.72	44.42	529	541	558						
69	Siti Adiba	2	-0.25	-0.375	-0.625	24.02	24.06	24.13	3.24	3.44	3.56	3.83	3.88	3.76	11.69	12.08	11.5	45.85	46.25	47.05	552	525	527	8	3,5	4	1 jam	7	
			-0.375	-0.375	-0.5	23.98	23.99	24.07	3.25	3.31	3.29	3.83	3.66	3.46	12.08	11.43	11.87	45.45	45.85	46.65	542	520	572						
70	Fatimah Azzahra	2	-0.375	-0.375	-0.625	22.83	22.91	23	3.53	3.6	3.76	3.83	3.96	3.34	12.7	11.16	11.33	43.26	43.66	44.46	557	523	555	6	no	no	4	7	
			-0.375	-0.375	-0.25	22.72	22.75	22.95	3.44	3.44	3.46	3.83	3.43	3.31	12.69	11.46	12.5	43.03	43.43	44.23	562	520	544						
71	St Rosyidah	2	-0.25	-0.375	-0.375	21.93	21.95	21.95	3.15	3.23	3.35	3.83	3.55	3	10.99	12.98	11.04	44.92	45.32	46.12	545	521	558	6	no	no	4 jam	28	
			-0.375	-0.5	-0.625	22.08	22.09	22.1	3.2	3.25	3.29	3.82	3.77	3.89	11	12.37	11.81	44.725	45.125	45.925	541	526	572						
72	mikayla Dafinah	2	-0.375	-0.5	-0.5	21.84	21.85	22.88	3.54	3.55	3.59	3.82	3.1	3.81	12.05	12.52	11.94	44.405	44.805	45.605	558	553	574	6	no	no	4 jam	21	
			-0.375	-0.25	-0.625	21.56	21.57	21.6	3.13	3.22	3.25	3.82	3.88	3.1	11.82	11.91	11.8	43.49	43.89	44.69	521	570	568						
73	Azwa Safrina	2	-0.5	-0.5	-0.75	23.18	23.27	23.31	3.15	3.21	3.25	3.81	3.1	3.63	12.28	12.39	11.29	42.665	43.065	43.965	556	542	543	7	3,5	4	4	7	
			-0.25	-0.5	-0.5	23.11	23.17	23.25	3.85	3.85	3.85	3.81	3.36	3.05	12.24	11.55	12.03	42.755	43.155	43.955	569	540	525						
74	Assyifa Azzahra	2	-0.375	-0.5	-0.625	22.38	22.41	22.5	3.21	3.29	3.33	3.8	3.01	3.73	12.2	12.23	11.37	43.545	43.945	44.745	538	557	579	8	4	4	4	7	
			-0.375	-0.375	-0.5	22.16	22.19	22.3	3.12	3.15	3.21	3.8	3.56	3.51	11.87	12.52	12.03	43.49	43.89	44.69	560	523	568						
75	Athalia Alfi	2	-0.375	-0.375	-0.75	22.24	22.28	22.3	3.33	3.26	3.35	3.79	3.68	3.41	11.93	11.72	11.99	44.27	44.67	45.47	547	537	548	7	no	no	4	7	
			-0.375	-0.375	-0.625	22.2	22.24	22.3	3.25	3.27	3.41	3.79	3.2	3.19	11.78	12.82	11.47	44.28	44.58	45.38	537	574	566						
76	Aisyah Azka	2	-0.5	-0.5	-0.625	23.03	23.09	23.11	3.21	3.24	3.24	3.79	3.19	3.05	11.88	11.73	12.5	42.485	42.785	43.585	563	535	561	8	3,5	3,5	1 jam	7	
			-0.625	-0.625	-0.625	23.25	23.29	23.31	3.36	3.36	3.36	3.78	3.03	3.8	11.76	12.54	11.8	42.435	42.735	43.535	566	560	555						
77	Siti Zhafirah	2	-0.25	-0.25	-0.25	22.72	22.83	22.75	3.22	3.25	3.33	3.78	3.65	3.74	11.39	12.9	11.22	42.765	43.065	43.865	546	560	580	8	4	3,5	2 jam	14	
			-0.25	-0.375	-0.625	22.61	22.63	22.66	3.21	3.25	3.21	3.78	3.42	3.19	11.2	11.32	11.14	42.955	43.255	44.055	537	553	580						
78	Khumairah Fani	2	-0.25	-0.25	-0.25	22.47	22.48	22.5	3.85	3.85	3.35	3.77	3.53	3.56	11.83	12.05	12.55	43.765	44.065	44.865	557	536	567	8	3,5	3,5	1 jam	21	
			-0.375	-0.375	-0.5	22.56	22.57	22.6	3.27	3.33	3.29	3.77	3.6	3.11	11.94	11.66	11.52	43.905	44.205	45.005	553	572	524						
79	Ghania Inaya	2	-0.375	-0.375	-0.5	22.01	22.02	22.05	3.15	3.21	3.25	3.76	3.57	3.95	11.77	11.99	11.79	43.7	44	44.8	523	534	521	8	no	no	2 jam	14	
			-0.25	-0.25	-0.375	22.14	22.15	22.18	3.85	3.89	3.85	3.49	3.01	3.33	11.34	11.35	11.84	42.735	43.135	43.935	557	573	577						
80	Nathisah Maulida	2	-0.375	-0.375	-0.375	22.74	22.75	22.75	3.21	3.29	3.33	3.48	3.21	3.86	12.33	12.09	11.45	44.955	45.255	46.155	558	571	575	8	4	4	4	21	
			-0.25	-0.25	-0.375	22.22	22.24	22.25	3.12	3.15	3.21	3.48	3.64	3.24	12.19	11.43	11.67	44.96	45.26	46.16	574	574	522						
81	Faramisa Muazah	2	-0.125	-0.25	-0.25	21.53	21.54	21.56	3.74	3.74	3.74	3.47	4	3.74	11.22	12.52	11.76	43.535	43.835	44.735	569	556	580	6	no	no	4 jam	28	
			-0.125	-0.375	-0.5	21.45	21.47	21.5	3.76	3.76	3.78	3.47	3.31	3.13	11	11.02	11.77	42.435	42.735	43.635	533	536	578						
82	Kinan Rofifatu	2	-0.125	-0.125	-0.125	21.88	21.91	21.92	3.09	3.11	3.15	3.46	3.31	3.71	11.6	11.14	11.16	44.39	44.69	45.59	571	564	535	6	no	no	4 jam	28	
			-0.375	-0.375	-0.5	21.8	21.71	21.83	3.04	3.11	3.29	3.46	3.56	3.46	11.69	11.75	12.83	44.52	44.82	45.72	559	538	573						
83	Fakhrah Fakhrah	2	-0.75	-0.825	-1.125	23.74	23.78	23.9	3.11	3.18	3.27	3.45	3.46	3.83	11.9	11.02	12.14	41.135	41.435	42.335	526	554	526	7	3,5	3,5	4 jam	10	
			-0.75	-0.825	-1	23.85	23.87	23.998	3.06	3.06	3.06	3.44	3.71	3.98	12.07	11.2	12.67	41.08	41.38	42.18	541	566	551						
84	Asyifah Asyifah	2	-0.5	-0.5	-0.625	22.1	22.2	22.25	3.19	3.19	3.19	3.44	3.76	3.67	11.31	12.86	11.23	44.95	45.35	46.15	579	571	539	7	3,5	3,5	4	10	
			-0.25	-0.5	-0.5	22.07	22.11	22.18	3.24	3.24	3.24	3.44	3.64	3.64	11.13	11.01	12.17	44.48	44.88	45.68	524	547	544						
85	Muthiah 2	2	-0.375	-0.375	-0.375	22.79	22.79	22.82	3.25	3.25	3.25	3.44	3.99	3.33	11.23	12.58	12.83	44.09	44.49	45.29	541	543	551	6	4	4	3	14	
			-0.375	-0.375	-0.375	22.89	22.91	22.95	3.45	3.56	3.93	3.44	3.05	3.08	11.45	11.33	11.71	44.355	44.755	45.555	550	579	552						
86	Aisyah 2	2	-0.75	-0.75	-0.825	23.9	23.94	24.11	3.23	3.25	3.29	3.76	3.87	3.76	11.09	12.45	11.06	43.79	44.19	44.99	528	556	538	7	4	4	3	10	
			-0.75	-0.75	-0.75	23.88	23.91	24.05	3.43	3.44	3.49	3.76	3.69	3.74	11.56	11.92	12.8	43.15	43.55	44.35	567	573	564						
87	Khanza Khanza	2	-0.25	-0.375	-0.5	22.24	22.3	22.39	3.41	3.41	3.41	3.76	3.6	3.61	11	12.46	12.17	44.18	44.58	45.38	536	550	520	7	no	no	2 jam lebih	7	
			-0.5	-0.375	-0.375	22.16	22.19	22.3	3.05	3.11	3.14	3.76	3.4	3.59	10.77	12	11.59	43.96	44.36	45.16	557	528	551						
88	Nadine	2	-0.25	-0.5	-0.75	23.5	23.62	23.71	3.11	3.13	3.14	3.76	3.81																

101	Were Putra	2	-0.125	-0.25	-0.25	21,26	21,27	21,29	3,65	3,66	3,67	3,91	3,78	3,63	12	12,45	12,4	42,69	42,99	43,89	579	531	561	6	no	no	3	28
102	Muthiah Ainsun	2	-0.125	-0.125	-0.25	21,6	21,62	21,65	3,18	3,2	3,25	3,91	3,87	3,53	11,16	12,66	12,73	45,82	46,12	46,91	568	540	534	6	no	no	2	14
103	Awliyah Adwa	2	-0.375	-0.5	-0.5	21,37	21,37	21,39	3,6	3,65	3,66	3,9	3,87	3,75	12,23	11,64	12,25	42,585	42,885	43,675	515	577	558	6	no	no	2	28
104	Aisyah Afifah	2	-0.375	-0.5	-0.5	21,52	21,53	21,55	3,51	3,55	3,69	3,9	3,76	3,54	11,79	11,33	12,32	42,65	42,95	43,74	574	573	559	6	no	no	3	21
105	Silmi Kaffah	2	-0.25	-0.25	-0.25	22,36	22,37	22,3	3,13	3,15	3,19	3,9	3,58	3,34	11,2	11,75	12,07	45,255	45,555	46,455	550	563	574	6	no	no	3	28
106	Ainun Nanda	2	-0.25	-0.25	-0.25	22,28	22,29	22,42	3,07	3,07	3,11	3,89	3,46	3,41	11,52	11,39	12,75	43,425	43,725	44,625	539	546	571	6	no	no	3	21
107	Sakinah Nurul	2	-0.25	-0.25	-0.25	22,83	22,84	22,86	3,27	3,33	3,41	3,89	3,86	3,81	11,8	11,55	12,13	41,575	41,875	42,775	562	559	565	6	no	no	3	14
108	Humaira Azzahra	2	-0.25	-0.25	-0.25	22,76	22,77	22,8	3,21	3,24	3,29	3,89	3,56	3,04	11,22	12,61	12,81	43,45	43,75	44,65	532	576	547	6	no	no	3	28
109	Dala Mirza	1	-0.75	-0.75	-0.825	23,72	23,73	22,75	3,42	3,42	3,42	3,88	3,69	3,65	12,23	12,94	12,06	45,3	45,6	46,5	574	549	544	6	no	no	2	21
110	Ahmad Humst	1	-0.375	-0.375	-0.375	23,58	23,59	22,62	3,88	3,88	3,88	3,88	3,44	3,17	12,21	12,86	12,61	42,76	43,06	43,96	563	569	551	6	4	5 jam	1 jam	14
111	Ahmad Helmi	1	-0.375	-0.375	-0.375	23,74	23,77	23,8	3,49	3,5	3,52	3,61	3,54	3,35	11,45	11,63	12,14	42,595	42,895	43,795	550	520	523	6	4	4	1 jam	36
112	Adib Alim Aminulla	1	-0.375	-0.375	-0.375	23,71	23,71	23,75	3,29	3,29	3,29	3,61	3,54	3,21	11,89	12,63	12,82	41,745	42,045	42,745	574	564	563	6	no	no	4 jam	28
113	Muh Faezy Al Fatih	1	-0.25	-0.25	-0.25	22,46	22,47	22,48	3,31	3,31	3,32	3,6	3,62	3,87	11,57	12,73	12,31	44,605	44,905	45,655	559	524	528	6	no	no	4 jam	28
114	Muh Al Mundzir	1	-0.25	-0.25	-0.25	22,53	22,57	22,6	3,31	3,31	3,39	3,6	3,39	3,47	11,83	11,34	12,01	44,44	44,74	45,44	574	558	547	6	no	no	4 jam	28
115	Muh Sayid Ramadhana	1	-0.25	-0.25	-0.375	22,11	22,15	22,14	3,16	3,16	3,16	3,59	3,48	3,43	11,25	12,65	12,48	44,83	45,23	45,93	527	539	531	6	no	no	4 jam	28
116	Sultan Muhammad	1	-0.25	-0.25	-0.375	22,37	22,5	22,4	3,12	3,16	3,19	3,58	3,92	3,98	11,92	11,29	12,07	42,755	43,155	43,855	571	529	523	6	no	no	4 jam	28
117	Muh Al Fatih	1	-0.125	-0.125	-0.375	23,09	23,1	23,15	3,1	3,12	3,15	3,57	3,43	3,96	11,79	11,09	12,75	43,35	43,75	44,45	557	554	521	6	4	4	5 merit	10
118	Muh Raihan	1	-0.375	-0.375	-0.5	23,08	23,1	23,2	3,19	3,24	3,39	3,57	3,24	3,38	11,45	11,59	12,04	42,67	43,17	43,87	562	564	571	7	4	4	1 jam	9
119	Muh Rakha	1	-0.375	-0.375	-0.75	23,48	23,51	23,6	3,14	3,14	3,14	3,56	3,6	3,56	11,76	12,22	12,33	41,8	42,3	43	521	558	548	6	4	4	30 merit	5
120	Muh Rasyah	1	-0.25	-0.375	-0.375	22,46	22,47	22,5	3,16	3,18	3,19	3,55	3,18	3,66	11,85	12,99	12,02	43,845	44,345	45,045	538	540	525	6	no	no	4 jam	28
121	Abdurahman Al Mushlih	1	-0.25	-0.125	-0.25	21,5	21,51	21,54	3,52	3,53	3,55	3,54	3,94	4	11,55	12,63	12,58	41,655	42,155	42,855	574	527	560	6	no	no	4 jam	28
122	Muh Al Fatih	1	-0.25	-0.25	-0.5	23,09	23,11	23,16	3,1	3,1	3,12	3,54	3,72	3,97	11,79	11,5	12,27	43,35	43,65	44,35	522	562	526	7	4	4	4	7
123	Muh Al Fatih	1	-0.25	-0.25	-0.625	23,73	23,79	23,9	3,42	3,42	3,39	3,78	3,34	3,21	12,24	12,05	12,36	41,32	41,62	42,32	581	541	565	7	4	4	1 jam	10
124	Emir Syahreza	1	-0.25	-0.25	-0.25	23,66	23,71	23,81	3,53	3,53	3,5	3,99	3,93	3,78	12,32	11,67	12,55	41,52	41,82	42,52	566	551	538	6	no	no	6 jam	21
125	Muh Hafiz Muharram	1	-0.375	-0.375	-0.375	21,95	21,96	22	3,21	3,31	3,35	3,99	3,85	3,67	11,96	11,09	12,42	42,095	42,395	42,795	535	562	567	6	4	4	6 jam	21
126	Abid Al Ghazali	1	-1	-1	-1	24,09	24,12	24,21	3,5	3,5	3,56	3,96	3,64	3,42	12,32	12,02	12,62	41,51	44,88	45,58	559	569	553	6	4	4	no	6
127	Andi Muh Al Fatih	1	-0.375	-0.375	-0.625	22,43	22,45	22,59	3,26	3,26	3,26	3,95	3,76	3,68	11,54	12,58	12,35	42,41	42,71	43,41	545	578	558	6	4	4	1 jam	6
128	Hafiz Muh Afiq	1	-0.125	-0.125	-0.25	21,11	21,11	21,12	3,47	3,51	3,52	3,95	3,86	3,59	11,45	12,3	12,44	43,125	43,525	44,225	558	524	577	6	no	no	4 jam	28
129	Muh Ibnu Abbas	1	-0.375	-0.375	-0.5	23,54	23,55	23,72	3,24	3,24	3,24	3,94	3,85	3,45	11,27	11,4	12,95	43,895	44,295	44,995	536	532	549	7	5	5	3 jam	10
130	Muh Fath Al Giffaray	1	-0.25	-0.25	-0.25	21,02	21,05	21,08	3,14	3,21	3,22	3,93	3,91	3,87	11,63	11,55	12,23	43,75	44,15	44,55	536	524	544	6	no	no	4 jam	28
131	Subhan	1	-0.75	-1	-1	23,23	23,37	23,4	3,31	3,31	3,33	3,93	3,01	3,53	12,44	12,13	12,11	43,9	44,2	44,9	536	569	579	7	no	no	4 jam	7
132	Al Fatih	1	-0.75	-0.75	-1	23,99	24,02	24,05	3,98	3,99	3,98	3,92	3,46	3,81	12,79	11,15	12,7	44,75	45,05	45,75	548	562	552	7	no	no	4 jam	7
133	Al Gafar	1	-0.625	-0.625	-0.75	23,45	23,49	23,62	3,51	3,53	3,55	3,91	3,21	3,83	11,91	11,76	12,48	44,05	44,45	45,15	563	563	564	7	no	no	4 jam	10
134	Ibnu Ghazali	1	-0.5	-0.5	-0.75	23,22	23,34	23,41	3,24	3,28	3,31	3,73	3,46	3,07	12,94	12,61	12,84	42,75	43,15	43,85	532	567	549	7	no	no	4 jam	10
135	Erwin	1	-0.25	-0.25	-0.25	23,56	23,61	23,72	3,21	3,26	3,25	3,72	3,66	3,45	12,66	11,81	12,59	42,125	42,425	43,125	563	570	539	7	no	no	4 jam	8

136	Farid	1	-0,25	-0,25	-0,75	22,61	22,71	22,82	3,11	3,53	3,31	3,71	3,88	3,83	11,63	11,47	12,5	42,5	42,8	43,5	566	577	566	7	no	no	4 jam	6
			-0,25	-0,25	-0,5	22,74	22,78	22,81	3,15	3,24	3,21	3,71	3,52	3,06	11,96	11,75	12,4	42,125	42,425	43,125	570	521	545					
137	Hafiz	1	-0,25	-0,25	-0,75	22,05	22,18	22,21	3,19	3,34	3,25	3,72	3,63	3,56	11,16	11,07	12,02	46,625	46,925	47,625	565	563	546	6	no	no	4 jam	10
			-0,25	-0,25	-0,5	22,11	22,19	22,23	3,25	3,21	3,19	3,79	3,19	3,39	12,91	11,35	12,13	42,625	42,925	43,625	526	577	533					
138	Abdul	1	-0,5	-0,5	-0,75	22,8	22,86	22,98	3,45	3,14	3,76	3,69	3,24	3,45	11,74	12,87	12,33	40,25	40,55	41,25	540	550	579	6	no	no	4 jam	10
			-0,375	-0,375	-0,375	22,58	22,6	22,65	3,08	3,75	3,31	3,68	3,03	3,58	12,16	11,96	12,9	42,375	42,675	43,375	559	578	553					
139	Muh Hafiz	1	-0,375	-0,375	-0,5	23,01	23,12	23,18	3,11	3,11	3,21	3,68	3,46	3,37	11,96	12,12	12,53	43	43,3	44	578	524	537	6	no	no	4 jam	7
			-0,625	-0,75	-0,75	22,68	22,71	22,89	3,19	3,22	3,35	3,65	3,57	3,34	11,44	12,69	12,22	40,625	40,925	41,625	552	526	520					
140	Khaerul	1	-0,25	-0,25	-0,25	21,01	21,04	21,09	3,45	3,25	3,44	3,68	3,62	3,01	12,39	12,5	12,93	40,875	41,175	41,875	545	528	576	6	no	no	1	21
			-0,125	-0,25	-0,25	21,04	21,04	21,05	3,31	3,33	3,15	3,93	3,36	3,31	11,73	12,81	12,42	41,7	42	42,7	545	569	534					
141	Muh Faisal	1	-0,125	-0,25	-0,25	21	21,01	21,04	3,21	3,41	3,19	3,66	3,26	3,11	11,75	12,04	12,49	39,75	40,05	40,75	558	542	535	6	no	no	1	14
			-0,125	-0,25	-0,25	21,03	21,05	21,08	3,25	3,25	3,25	3,66	3,64	3,45	12,94	11,29	12,29	42,125	42,425	43,125	521	544	541					
142	Ibnu Jalil	1	-0,125	-0,25	-0,25	21,05	21,09	21,1	3,27	3,17	3,45	3,66	3,63	3,45	12,34	12,83	12,14	43	43,3	44	576	549	548	6	no	no	2	14
			-0,125	-0,125	-0,25	21,11	21,13	21,15	3,41	3,11	3,08	3,65	3,29	3,45	11,94	11,5	12,7	42,625	42,925	43,625	546	524	553					
143	Arfan	1	-0,125	-0,125	-0,125	21,23	21,23	21,26	3,19	3,14	3,11	3,65	3,4	3,02	12,77	12,76	12,42	43,75	44,05	44,75	546	579	538	6	no	no	1	21
			-0,125	-0,125	-0,125	21,21	21,22	21,25	3,17	3,75	3,19	3,64	3,54	3,41	11,35	11,71	12,43	40,875	41,175	41,875	526	537	547					
144	Faisal Ahmad	1	-0,125	-0,125	-0,125	21,1	21,12	21,18	3,11	3,11	3,28	3,64	3,62	3,55	11,17	11,6	12,5	43,875	44,175	44,875	531	574	523	6	no	no	2	28
			-0,125	-0,25	-0,25	21,12	21,13	21,15	3,14	3,24	3,15	3,64	3,25	3,27	11,61	11,95	12,34	44,95	45,25	45,95	568	535	559					
145	Ahmad	1	-0,125	-0,125	-0,125	21,02	21,03	21,05	3,75	3,11	3,13	3,64	3,42	3,26	11,14	12,91	12,3	44,5	44,8	45,5	528	569	545	6	no	no	2	28
			-0,125	-0,125	-0,125	21,11	21,12	21,15	3,11	3,19	3,26	3,64	3,55	3,26	11,2	12,17	12,61	42,625	42,925	43,625	562	575	551					
146	Arkha	1	-0,125	-0,125	-0,125	21,14	21,19	21,2	3,24	3,42	3,11	3,63	3,59	3,47	12,89	12,1	12,25	45,125	45,425	46,125	535	534	574	6	no	no	2	28
			-0,125	-0,125	-0,125	21,11	21,13	21,15	3,11	3,61	3,53	3,62	3,55	3,49	12,82	12,33	12,9	40,625	40,925	41,625	555	555	546					
147	Naufal Ahmad	1	-0,125	-0,25	-0,125	21,04	21,07	21,1	3,19	3,88	3,24	3,62	3,58	3,55	11,19	12,41	12,24	44,5	44,8	45,5	561	527	565	6	no	no	1	28
			-0,125	-0,125	-0,125	21,01	21,01	21,03	3,18	3,14	3,22	3,62	3,49	3,05	12,49	11,86	12,14	41,625	41,925	42,625	580	567	553					
148	Farid	1	-0,25			22,14			3,21			3,23			11,5			42,31			521			7	no	no	1	15
149	Muh Fauzan	1	-0,125			22,11			3,11			3,55			11,8			41,43			546			7	4	4	1	10
150	Ahmad Alkatiri	1	-0,25			21,14			3,21			3,65			11,65			42,56			534			7	no	no	1	7
151	Muh Yusuf	1	-0,125			21,11			3,21			3,54			11,67			43,15			556			8	4	4	1	15
152	Muh Fatih	1	-0,5			22,1			3,14			3,67			11,57			44,12			532			6	no	no	1	21
153	Nuraini	2	-0,25			21,2			3,15			3,56			11,45			44,13			513			7	no	no	1	14
154	Aqila	2	-0,125			22,01			3,21			3,67			11,87			43,12			532			6	no	no	1	14

LAMPIRAN 4. Statistik Penelitian

Frequency Table

		Sex			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Male	63	40.9	40.9	40.9
	Female	91	59.1	59.1	100.0
	Total	154	100.0	100.0	

		myop			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	myop	22	14.3	14.3	14.3
	non-myop	132	85.7	85.7	100.0
	Total	154	100.0	100.0	

		smartphone			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	yes	73	49.7	49.7	49.7
	no	74	50.3	50.3	100.0
	Total	147	100.0	100.0	

Descriptives

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Pengg_Smartphone	147	.00	2.00	.3946	.50655
waktu_membaca	147	.00	4.00	1.6871	1.07144
outdoor (jam)	147	.00	36.00	14.1429	8.84803
minggu (jam)	147	.00	35.00	13.7381	13.90678
Valid N (listwise)	147				

Descriptives

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
A_SE_P61	73	-.63	.13	-.0695	.11390
A_SE_P121	73	-.63	.21	-.2036	.16377
A_AL_P61	73	-.03	.17	.0427	.03831
A_AL_P121	73	-.96	.37	.1042	.14275
A_ACD_P61	73	-.02	.20	.0258	.03833

A_ACD_P121	73	-.50	1.04	.0616	.15525
A_LT_P61	73	-.86	.67	-.1197	.33372
A_LT_P121	73	-.79	.64	-.1919	.34425
A_WTW_P61	73	-.88	1.55	.3484	.66175
A_WTW_P121	73	-.99	1.95	.3429	.62226
A_KR_P61	73	.30	.50	.3575	.05507
A_KR_P121	73	.70	1.30	1.0842	.17298
A_CCT_P61	73	-57.00	69.00	8.0685	26.75419
A_CCT_P121	73	-46.00	101.00	4.7397	29.56209
B_SE_P61	74	-.25	.13	-.0338	.06954
B_SE_P121	74	-.50	.00	-.1311	.13084
B_AL_P61	74	.00	.14	.0280	.02947
B_AL_P121	74	-.98	1.04	.0646	.21803
B_ACD_P61	74	-.64	.69	.0242	.13707
B_ACD_P121	74	-.62	.31	.0366	.12036
B_LT_P61	74	-.92	.68	-.1591	.32567
B_LT_P121	74	-.90	.65	-.2558	.35339
B_WTW_P61	74	-1.64	1.99	.3014	.74108
B_WTW_P121	74	-1.37	1.59	.5032	.61727
B_KR_P61	74	.30	.50	.3500	.06025
B_KR_P121	74	.80	1.30	1.0895	.13970
B_CCT_P61	74	-71.00	62.00	.5270	29.43682
B_CCT_121	74	-62.00	54.00	2.6892	26.29023
Valid N (listwise)	73				

Tests of Normality

	space	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
A_SE_P2	1.00	.304	73	.000	.740	73	.000
	2.00	.260	73	.000	.747	73	.000
A_SE_P3	1.00	.304	73	.000	.740	73	.000
	2.00	.157	73	.000	.944	73	.003
A_AL_P2	1.00	.047	73	.200 [*]	.989	73	.783
	2.00	.067	73	.200 [*]	.989	73	.759
A_AL_P3	1.00	.047	73	.200 [*]	.989	73	.783
	2.00	.055	73	.200 [*]	.988	73	.713
A_ACD_P2	1.00	.169	73	.000	.796	73	.000

	2.00	.147	73	.000	.811	73	.000
A_ACD_P3	1.00	.169	73	.000	.796	73	.000
	2.00	.184	73	.000	.800	73	.000
A_LT_P2	1.00	.111	73	.027	.964	73	.036
	2.00	.113	73	.022	.945	73	.003
A_LT_P3	1.00	.111	73	.027	.964	73	.036
	2.00	.119	73	.012	.921	73	.000
A_WTW_P2	1.00	.052	73	.200*	.988	73	.691
	2.00	.085	73	.200*	.953	73	.009
A_WTW_P3	1.00	.052	73	.200*	.988	73	.691
	2.00	.109	73	.031	.947	73	.004
A_KR_P2	1.00	.068	73	.200*	.985	73	.528
	2.00	.069	73	.200*	.985	73	.513
A_KR_P3	1.00	.068	73	.200*	.985	73	.528
	2.00	.057	73	.200*	.987	73	.641
A_CCT_P2	1.00	.071	73	.200*	.959	73	.019
	2.00	.093	73	.199	.957	73	.014
A_CCT_P3	1.00	.071	73	.200*	.959	73	.019
	2.00	.102	73	.060	.942	73	.002

Tests of Normality

	Space2	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
B_SE_P2	1.00	.263	74	.000	.821	74	.000
	2.00	.209	74	.000	.867	74	.000
B_SE_P3	1.00	.263	74	.000	.821	74	.000
	2.00	.197	74	.000	.908	74	.000
B_AL_P2	1.00	.079	74	.200*	.967	74	.052
	2.00	.074	74	.200*	.966	74	.046
B_AL_P3	1.00	.079	74	.200*	.967	74	.052
	2.00	.073	74	.200*	.964	74	.033
B_ACD_P2	1.00	.134	74	.002	.938	74	.001
	2.00	.110	74	.026	.942	74	.002
B_ACD_P3	1.00	.134	74	.002	.938	74	.001
	2.00	.099	74	.068	.954	74	.008
B_LT_P2	1.00	.125	74	.006	.904	74	.000
	2.00	.068	74	.200*	.979	74	.257

B_LT_P3	1.00	.125	74	.006	.904	74	.000
	2.00	.085	74	.200*	.942	74	.002
B_WTW_P2	1.00	.111	74	.025	.960	74	.021
	2.00	.091	74	.200*	.955	74	.010
B_WTW_P3	1.00	.111	74	.025	.960	74	.021
	2.00	.123	74	.007	.934	74	.001
B_KR_P2	1.00	.080	74	.200*	.972	74	.104
	2.00	.078	74	.200*	.969	74	.069
B_KR_P3	1.00	.080	74	.200*	.972	74	.104
	2.00	.067	74	.200*	.969	74	.064
B_CCT_P2	1.00	.069	74	.200*	.987	74	.658
	2.00	.106	74	.038	.943	74	.002
B_CCT_P3	1.00	.069	74	.200*	.987	74	.658
	2.00	.097	74	.081	.943	74	.002

Group Statistics

	space	N	Mean	Std. Deviation	Std. Error Mean
A_AL_P2	1.00	73	22.8404	.77569	.09079
	2.00	73	22.8832	.78122	.09144
A_WTW_P2	1.00	73	11.7558	.36540	.04277
	2.00	73	12.1041	.54107	.06333
A_KR_P2	1.00	73	43.4355	1.25328	.14669
	2.00	73	43.7930	1.25460	.14684
A_CCT_P2	1.00	73	544.2466	23.66595	2.76989
	2.00	73	552.3151	17.32442	2.02767

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
A_AL_P2	Equal variances assumed	.021	.884	-.332	144
	Equal variances not assumed			-.332	143.993
A_WTW_P2	Equal variances assumed	15.972	.000	-4.559	144
	Equal variances not assumed			-4.559	126.365
A_KR_P2	Equal variances assumed	.000	.998	-1.723	144
	Equal variances not assumed			-1.723	144.000
A_CCT_P2	Equal variances assumed	5.904	.016	-2.350	144
	Equal variances not assumed			-2.350	131.951

Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
A_AL_P2	Equal variances assumed	.741	-.04274	.12885
	Equal variances not assumed	.741	-.04274	.12885
A_WTW_P2	Equal variances assumed	.000	-.34836	.07642
	Equal variances not assumed	.000	-.34836	.07642
A_KR_P2	Equal variances assumed	.087	-.35753	.20755
	Equal variances not assumed	.087	-.35753	.20755
A_CCT_P2	Equal variances assumed	.020	-8.06849	3.43274
	Equal variances not assumed	.020	-8.06849	3.43274

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
A_AL_P2	Equal variances assumed	-.29742	.21195
	Equal variances not assumed	-.29742	.21195
A_WTW_P2	Equal variances assumed	-.49940	-.19731
	Equal variances not assumed	-.49958	-.19714
A_KR_P2	Equal variances assumed	-.76778	.05271
	Equal variances not assumed	-.76778	.05271
A_CCT_P2	Equal variances assumed	-14.85357	-1.28342
	Equal variances not assumed	-14.85882	-1.27816

Mann-Whitney Test

		Ranks		
space	N	Mean Rank	Sum of Ranks	
A_SE_P2	1.00	73	84.45	6164.50
	2.00	73	62.55	4566.50
	Total	146		
A_ACD_P2	1.00	73	70.18	5123.50
	2.00	73	76.82	5607.50
	Total	146		
A_LT_P2	1.00	73	82.42	6017.00
	2.00	73	64.58	4714.00
	Total	146		

Test Statistics^a

	A SE P2	A ACD P2	A LT P2
Mann-Whitney U	1865.500	2422.500	2013.000
Wilcoxon W	4566.500	5123.500	4714.000
Z	-3.295	-.947	-2.550
Asymp. Sig. (2-tailed)	.001	.343	.011

a. Grouping Variable: space

T-Test

Group Statistics

	Space2	N	Mean	Std. Deviation	Std. Error Mean
B_AL_P2	1.00	74	22.3146	.81670	.09494
	2.00	74	22.3426	.82283	.09565
B_KR_P2	1.00	74	43.6711	1.25897	.14635
	2.00	74	44.0211	1.25762	.14620

Independent Samples Test

Levene's Test for Equality of

Variances

t-test for Equality of Means

		F	Sig.	t	df
B_AL_P2	Equal variances assumed	.004	.951	-.208	146
	Equal variances not assumed			-.208	145.992
B_KR_P2	Equal variances assumed	.000	.998	-1.692	146
	Equal variances not assumed			-1.692	146.000

Independent Samples Test

t-test for Equality of Means

95% Confidence

Interval of the

Difference

Lower

		Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower
B_AL_P2	Equal variances assumed	.836	-.02797	.13477	-.29432
	Equal variances not assumed	.836	-.02797	.13477	-.29432
B_KR_P2	Equal variances assumed	.093	-.35000	.20686	-.75883
	Equal variances not assumed	.093	-.35000	.20686	-.75883

Independent Samples Test

t-test for Equality of Means
95% Confidence Interval of the
Difference

		Upper
B_AL_P2	Equal variances assumed	.23838
	Equal variances not assumed	.23838
B_KR_P2	Equal variances assumed	.05883
	Equal variances not assumed	.05883

Mann-Whitney Test

		Ranks		
Space2	N	Mean Rank	Sum of Ranks	
B_SE_P2	1.00	74	79.59	5889.50
	2.00	74	69.41	5136.50
	Total	148		
B_ACD_P2	1.00	74	72.22	5344.50
	2.00	74	76.78	5681.50
	Total	148		
B_LT_P2	1.00	74	89.05	6589.50
	2.00	74	59.95	4436.50
	Total	148		
B_WTW_P2	1.00	74	63.06	4666.50
	2.00	74	85.94	6359.50
	Total	148		
B_CCT_P2	1.00	74	73.52	5440.50
	2.00	74	75.48	5585.50
	Total	148		

T-Test

		Group Statistics			
space	N	Mean	Std. Deviation	Std. Error Mean	
A_AL_P3	1.00	73	22.8404	.77569	.09079
	2.00	73	22.9447	.79703	.09329
A_WTW_P3	1.00	73	11.7558	.36540	.04277
	2.00	73	12.0986	.54551	.06385
A_KR_P3	1.00	73	43.4355	1.25328	.14669
	2.00	73	44.5197	1.28752	.15069
A_CCT_P3	1.00	73	544.2466	23.66595	2.76989

2.00	73	548.9863	17.94629	2.10045
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Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
A_AL_P3	Equal variances assumed	.092	.763	-.801	144
	Equal variances not assumed			-.801	143.894
A_WTW_P3	Equal variances assumed	11.024	.001	-4.462	144
	Equal variances not assumed			-4.462	125.783
A_KR_P3	Equal variances assumed	.015	.904	-5.156	144
	Equal variances not assumed			-5.156	143.896
A_CCT_P3	Equal variances assumed	4.601	.034	-1.363	144
	Equal variances not assumed			-1.363	134.229

Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
A_AL_P3	Equal variances assumed	.425	-.10425	.13017
	Equal variances not assumed	.425	-.10425	.13017
A_WTW_P3	Equal variances assumed	.000	-.34288	.07685
	Equal variances not assumed	.000	-.34288	.07685
A_KR_P3	Equal variances assumed	.000	-1.08425	.21030
	Equal variances not assumed	.000	-1.08425	.21030
A_CCT_P3	Equal variances assumed	.175	-4.73973	3.47623
	Equal variances not assumed	.175	-4.73973	3.47623

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
A_AL_P3	Equal variances assumed	-.36154	.15305
	Equal variances not assumed	-.36154	.15305
A_WTW_P3	Equal variances assumed	-.49477	-.19098
	Equal variances not assumed	-.49496	-.19080
A_KR_P3	Equal variances assumed	-1.49992	-.66858
	Equal variances not assumed	-1.49992	-.66857
A_CCT_P3	Equal variances assumed	-11.61076	2.13131
	Equal variances not assumed	-11.61500	2.13555

Mann-Whitney Test

	space	Ranks		
		N	Mean Rank	Sum of Ranks
A_SE_P3	1.00	73	94.79	6919.50
	2.00	73	52.21	3811.50
	Total	146		
A_ACD_P3	1.00	73	68.05	4967.50
	2.00	73	78.95	5763.50
	Total	146		
A_LT_P3	1.00	73	87.49	6386.50
	2.00	73	59.51	4344.50
	Total	146		

	Test Statistics ^a		
	A SE P3	A ACD P3	A LT P3
Mann-Whitney U	1110.500	2266.500	1643.500
Wilcoxon W	3811.500	4967.500	4344.500
Z	-6.226	-1.558	-3.997
Asymp. Sig. (2-tailed)	.000	.119	.000

a. Grouping Variable: space

T-Test

	Space2	Group Statistics			
		N	Mean	Std. Deviation	Std. Error Mean
B_AL_P3	1.00	74	22.3146	.81670	.09494
	2.00	74	22.3792	.81743	.09502
B_KR_P3	1.00	74	43.6711	1.25897	.14635
	2.00	74	44.7606	1.25841	.14629
B_CCT_P3	1.00	74	548.2838	21.55879	2.50616
	2.00	74	550.9730	18.50951	2.15169

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
		B_AL_P3	Equal variances assumed	.000	.999

	Equal variances not assumed			-481	146.000
B_KR_P3	Equal variances assumed	.001	.980	-5.265	146
	Equal variances not assumed			-5.265	146.000
B_CCT_P3	Equal variances assumed	.788	.376	-.814	146
	Equal variances not assumed			-.814	142.731

Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
B_AL_P3	Equal variances assumed	.631	-.06459	.13433
	Equal variances not assumed	.631	-.06459	.13433
B_KR_P3	Equal variances assumed	.000	-1.08946	.20693
	Equal variances not assumed	.000	-1.08946	.20693
B_CCT_P3	Equal variances assumed	.417	-2.68919	3.30312
	Equal variances not assumed	.417	-2.68919	3.30312

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
B_AL_P3	Equal variances assumed	-.33007	.20088
	Equal variances not assumed	-.33007	.20088
B_KR_P3	Equal variances assumed	-1.49842	-.68050
	Equal variances not assumed	-1.49842	-.68050
B_CCT_P3	Equal variances assumed	-9.21729	3.83891
	Equal variances not assumed	-9.21854	3.84016

Mann-Whitney Test

		Ranks			
		Space2	N	Mean Rank	Sum of Ranks
B_SE_P3	1.00		74	87.11	6446.00
	2.00		74	61.89	4580.00
	Total		148		
B_ACD_P3	1.00		74	70.64	5227.00
	2.00		74	78.36	5799.00
	Total		148		
B_LT_P3	1.00		74	92.79	6866.50

	2.00	74	56.21	4159.50
	Total	148		
B_WTW_P3	1.00	74	52.94	3917.50
	2.00	74	96.06	7108.50
	Total	148		

Test Statistics^a

	B SE P3	B ACD P3	B LT P3	B WTW P3
Mann-Whitney U	1805.000	2452.000	1384.500	1142.500
Wilcoxon W	4580.000	5227.000	4159.500	3917.500
Z	-3.689	-1.097	-5.191	-6.119
Asymp. Sig. (2-tailed)	.000	.273	.000	.000

a. Grouping Variable: Space2

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
SE61	147	-.625	.125	-.05153	.095589
AL61	147	-.030	.170	.03531	.034825
ACD61	147	-.640	.690	.02497	.100597
LT61	147	-.920	.680	-.13952	.329151
WTW61	147	-1.640	1.990	.32469	.700797
KR61	147	.300	.500	.35374	.057662
CCT61	147	-71.000	69.000	4.27211	28.294333
SE121	147	-.625	.213	-.16709	.152020
AL121	147	-.980	1.040	.08429	.184969
ACD121	147	-.620	1.040	.04905	.138877
LT121	147	-.900	.650	-.22408	.349159
WTW121	147	-1.370	1.950	.42361	.622846
KR121	147	.700	1.300	1.08687	.156590
CCT121	147	-62.000	101.000	3.70748	27.885827
Valid N (listwise)	147				

Explore

smartphone

Tests of Normality

	smartphone	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
SE61	yes	.332	73	.000	.704	73	.000

	no	.416	74	.000	.684	74	.000
AL61	yes	.159	73	.000	.885	73	.000
	no	.202	74	.000	.793	74	.000
ACD61	yes	.223	73	.000	.767	73	.000
	no	.349	74	.000	.604	74	.000
LT61	yes	.060	73	.200 [*]	.989	73	.762
	no	.105	74	.042	.980	74	.310
WTW61	yes	.071	73	.200 [*]	.970	73	.080
	no	.116	74	.016	.978	74	.234
KR61	yes	.328	73	.000	.707	73	.000
	no	.351	74	.000	.713	74	.000
CCT61	yes	.048	73	.200 [*]	.990	73	.827
	no	.067	74	.200 [*]	.987	74	.673
SE121	yes	.150	73	.000	.932	73	.001
	no	.235	74	.000	.834	74	.000
AL121	yes	.264	73	.000	.499	73	.000
	no	.374	74	.000	.501	74	.000
ACD121	yes	.291	73	.000	.567	73	.000
	no	.299	74	.000	.652	74	.000
LT121	yes	.078	73	.200 [*]	.969	73	.067
	no	.049	74	.200 [*]	.983	74	.443
WTW121	yes	.069	73	.200 [*]	.990	73	.844
	no	.085	74	.200 [*]	.972	74	.106
KR121	yes	.187	73	.000	.906	73	.000
	no	.205	74	.000	.917	74	.000
CCT121	yes	.119	73	.012	.953	73	.009
	no	.067	74	.200 [*]	.985	74	.543

T-Test

		Group Statistics			
smartphone		N	Mean	Std. Deviation	Std. Error Mean
CCT61	yes	73	8.06849	26.754194	3.131342
	no	74	.52703	29.436825	3.421961
LT121	yes	73	-.19192	.344253	.040292
	no	74	-.25581	.353387	.041080
WTW121	yes	73	.34288	.622264	.072830

no	74	.50324	.617268	.071756
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Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
CCT61	Equal variances assumed	.326	.569	1.625	145
	Equal variances not assumed			1.626	144.040
LT121	Equal variances assumed	.133	.716	1.110	145
	Equal variances not assumed			1.110	144.977
WTW121	Equal variances assumed	.169	.682	-1.569	145
	Equal variances not assumed			-1.569	144.931

Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference
				Lower
CCT61	Equal variances assumed	.106	7.541466	-1.632206
	Equal variances not assumed	.106	7.541466	-1.626736
LT121	Equal variances assumed	.269	.063893	-.049856
	Equal variances not assumed	.269	.063893	-.049836
WTW121	Equal variances assumed	.119	-.160367	-.362430
	Equal variances not assumed	.119	-.160367	-.362442

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Upper	
CCT61	Equal variances assumed	16.715138	
	Equal variances not assumed	16.709668	
LT121	Equal variances assumed	.177642	
	Equal variances not assumed	.177622	
WTW121	Equal variances assumed	.041697	
	Equal variances not assumed	.041709	

NPAR TESTS
 /M-W= SE61 AL61 ACD61 LT61 WTW61 KR61 CCT61 SE121 AL121 ACD121 LT121 WTW121 KR121 CCT121 BY
 smartphone(1 2)
 /MISSING ANALYSIS.

Mann-Whitney Test

	smartphone	Ranks		
		N	Mean Rank	Sum of Ranks
SE61	yes	73	68.33	4988.00
	no	74	79.59	5890.00
	Total	147		
AL61	yes	73	84.22	6148.00
	no	74	63.92	4730.00
	Total	147		
ACD61	yes	73	72.82	5315.50
	no	74	75.17	5562.50
	Total	147		
LT61	yes	73	76.95	5617.00
	no	74	71.09	5261.00
	Total	147		
WTW61	yes	73	75.33	5499.00
	no	74	72.69	5379.00
	Total	147		
KR61	yes	73	77.13	5630.50
	no	74	70.91	5247.50
	Total	147		
CCT61	yes	73	79.52	5805.00
	no	74	68.55	5073.00
	Total	147		
SE121	yes	73	63.92	4666.50
	no	74	83.94	6211.50
	Total	147		
AL121	yes	73	86.95	6347.50
	no	74	61.22	4530.50
	Total	147		
ACD121	yes	73	74.53	5441.00
	no	74	73.47	5437.00
	Total	147		
LT121	yes	73	77.82	5681.00

	no	74	70.23	5197.00
	Total	147		
WTW121	yes	73	67.76	4946.50
	no	74	80.16	5931.50
	Total	147		
KR121	yes	73	74.90	5468.00
	no	74	73.11	5410.00
	Total	147		
CCT121	yes	73	75.35	5500.50
	no	74	72.67	5377.50
	Total	147		

Test Statistics ^a						
	SE61	AL61	ACD61	LT61	WTW61	KR61
Mann-Whitney U	2287.000	1955.000	2614.500	2486.000	2604.000	2472.500
Wilcoxon W	4988.000	4730.000	5315.500	5261.000	5379.000	5247.500
Z	-1.898	-2.922	-.343	-.833	-.376	-1.004
Asymp. Sig. (2-tailed)	.058	.003	.732	.405	.707	.315

Test Statistics ^a						
	CCT61	SE121	AL121	ACD121	LT121	WTW121
Mann-Whitney U	2298.000	1965.500	1755.500	2662.000	2422.000	2245.500
Wilcoxon W	5073.000	4666.500	4530.500	5437.000	5197.000	4946.500
Z	-1.562	-2.940	-3.672	-.152	-1.081	-1.765
Asymp. Sig. (2-tailed)	.118	.003	.000	.879	.280	.078

Test Statistics ^a		
	KR121	CCT121
Mann-Whitney U	2635.000	2602.500
Wilcoxon W	5410.000	5377.500
Z	-.260	-.382
Asymp. Sig. (2-tailed)	.795	.703

a. Grouping Variable: smartphone

FREQUENCIES VARIABLES=myop
/ORDER=ANALYSIS.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SE_P1	.245	147	.000	.801	147	.000
SE_P2	.234	147	.000	.821	147	.000
SE_P3	.132	147	.000	.946	147	.000
AL_P1	.040	147	.200 [*]	.991	147	.459
AL_P2	.046	147	.200 [*]	.990	147	.349
AL_P3	.046	147	.200 [*]	.990	147	.372
ACD_P1	.133	147	.000	.875	147	.000
ACD_P2	.113	147	.000	.889	147	.000
ACD_P3	.129	147	.000	.879	147	.000
LT_P1	.090	147	.006	.952	147	.000
LT_P2	.067	147	.200 [*]	.968	147	.002
LT_P3	.097	147	.002	.934	147	.000
WTW_P1	.063	147	.200 [*]	.989	147	.336
WTW_P2	.082	147	.017	.957	147	.000
WTW_P3	.111	147	.000	.947	147	.000
KR_P1	.056	147	.200 [*]	.986	147	.160
KR_P2	.061	147	.200 [*]	.985	147	.123
KR_P3	.046	147	.200 [*]	.985	147	.120
CCT_P1	.051	147	.200 [*]	.981	147	.041
CCT_P2	.088	147	.007	.953	147	.000
CCT_P3	.084	147	.013	.946	147	.000

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

General Linear Model

Descriptive Statistics

	Mean	Std. Deviation	N
AL_P1	22.57571	.836550	147
AL_P2	22.61102	.844426	147
AL_P3	22.66000	.853148	147

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df	Sig.
factor1	Pillai's Trace	.514	76.562 ^b	2.000	145.000	.000
	Wilks' Lambda	.486	76.562 ^b	2.000	145.000	.000
	Hotelling's Trace	1.056	76.562 ^b	2.000	145.000	.000

Roy's Largest Root	1.056	76.562 ^b	2.000	145.000	.000
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a. Design: Intercept

Within Subjects Design: factor1

b. Exact statistic

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon ^b
					Greenhouse-Geisser
factor1	.101	333.055	2	.000	.526

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of			F	Sig.
		Squares	df	Mean Square		
factor1	Sphericity Assumed	.527	2	.263	23.652	.000
	Greenhouse-Geisser	.527	1.053	.500	23.652	.000
	Huynh-Feldt	.527	1.054	.500	23.652	.000
	Lower-bound	.527	1.000	.527	23.652	.000
Error(factor1)	Sphericity Assumed	3.251	292	.011		
	Greenhouse-Geisser	3.251	153.730	.021		
	Huynh-Feldt	3.251	153.893	.021		
	Lower-bound	3.251	146.000	.022		

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	factor1	Type III Sum of			F	Sig.
		Squares	df	Mean Square		
factor1	Linear	.522	1	.522	30.523	.000
	Quadratic	.005	1	.005	.887	.348
Error(factor1)	Linear	2.498	146	.017		
	Quadratic	.754	146	.005		

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
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Intercept	225555.791	1	225555.791	106471.474	.000
Error	309.295	146	2.118		

Estimated Marginal Means

Estimates

Measure: MEASURE_1

factor1	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	22.576	.069	22.439	22.712
2	22.611	.070	22.473	22.749
3	22.660	.070	22.521	22.799

Pairwise Comparisons

Measure: MEASURE_1

(I) factor1	(J) factor1	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
1	2	-.035*	.003	.000	-.042	-.028
	3	-.084*	.015	.000	-.121	-.047
2	1	.035*	.003	.000	.028	.042
	3	-.049*	.015	.003	-.084	-.014
3	1	.084*	.015	.000	.047	.121
	2	.049*	.015	.003	.014	.084

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Bonferroni.

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.
Pillai's trace	.514	76.562 ^a	2.000	145.000	.000
Wilks' lambda	.486	76.562 ^a	2.000	145.000	.000
Hotelling's trace	1.056	76.562 ^a	2.000	145.000	.000
Roy's largest root	1.056	76.562 ^a	2.000	145.000	.000

General Linear Model

Descriptive Statistics

	Mean	Std. Deviation	N
KR_P1	43.55412	1.257410	147
KR_P2	43.90786	1.257035	147
KR_P3	44.64099	1.274327	147

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df	Sig.
factor1	Pillai's Trace	.985	4717.551 ^b	2.000	145.000	.000
	Wilks' Lambda	.015	4717.551 ^b	2.000	145.000	.000
	Hotelling's Trace	65.070	4717.551 ^b	2.000	145.000	.000
	Roy's Largest Root	65.070	4717.551 ^b	2.000	145.000	.000

a. Design: Intercept

Within Subjects Design: factor1

b. Exact statistic

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
factor1	Sphericity Assumed	90.351	2	45.176	5455.920
	Greenhouse-Geisser	90.351	1.214	74.427	5455.920
	Huynh-Feldt	90.351	1.219	74.137	5455.920
	Lower-bound	90.351	1.000	90.351	5455.920
Error(factor1)	Sphericity Assumed	2.418	292	.008	
	Greenhouse-Geisser	2.418	177.237	.014	
	Huynh-Feldt	2.418	177.930	.014	
	Lower-bound	2.418	146.000	.017	

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	855108.399	1	855108.399	179321.971	.000
Error	696.210	146	4.769		

Pairwise Comparisons

Measure: MEASURE_1

(I) factor1	(J) factor1	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
1	2	-.354 [*]	.005	.000	-.365	-.342
	3	-1.087 [*]	.013	.000	-1.118	-1.056
2	1	.354 [*]	.005	.000	.342	.365
	3	-.733 [*]	.012	.000	-.763	-.704
3	1	1.087 [*]	.013	.000	1.056	1.118
	2	.733 [*]	.012	.000	.704	.763

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.
Pillai's trace	.985	4717.551 ^a	2.000	145.000	.000
Wilks' lambda	.015	4717.551 ^a	2.000	145.000	.000
Hotelling's trace	65.070	4717.551 ^a	2.000	145.000	.000
Roy's largest root	65.070	4717.551 ^a	2.000	145.000	.000

Each F tests the multivariate effect of factor1. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Exact statistic