

LAMPIRAN

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1. Data Pengolahan Minitab Bagian Pertama

General Linear Model: Frekuensi Versus Waktu, Operator

Factor	Type	Levels	Values
Waktu	fixed	2	1, 2
Operator	fixed	5	1, 2, 3, 4, 5

Analysis of Variance for Frekuensi, using Adjusted SS for Tests

Source	DF	Seq SS	Adj SS	Adj MS	F	P
Waktu	1	2339.28	2339.28	2339.28	1439.15	0.000
Operator	4	22.88	22.88	5.72	3.52	0.014
Error	44	71.52	71.52	1.63		
Total	49	2433.68				

S = 1.27493 R-Sq = 97.06% R-Sq(adj) = 96.73%

Obs	Frekuensi	Fit	SE Fit	Residual	St Resid
8	20.0000	17.5600	0.4416	2.4400	2.04 R
10	22.0000	19.3600	0.4416	2.6400	2.21 R
39	20.0000	17.5600	0.4416	2.4400	2.04 R\

General Linear Model: Frekuensi versus Waktu, Operator

Factor	Type	Levels	Values
Waktu	fixed	2	3, 4
Operator	fixed	5	1, 2, 3, 4, 5

Analysis of Variance for Frekuensi, using Adjusted SS for Tests

Source	DF	Seq SS	Adj SS	Adj MS	F	P
Waktu	1	2563.28	2563.28	2563.28	1690.41	0.000
Operator	4	4.32	4.32	1.08	0.71	0.588
Error	44	66.72	66.72	1.52		
Total	49	2634.32				

S = 1.23141 R-Sq = 97.47% R-Sq(adj) = 97.18%

Obs	Frekuensi	Fit	SE Fit	Residual	St Resid
23	28.0000	30.3600	0.4266	-2.3600	-2.04 R
49	14.0000	16.6400	0.4266	-2.6400	-2.29 R

R denotes an observation with a large standardized residual.

2. Data Pengolahan Minitab Bagian Kedua

General Linear Model: Salah versus Istirahat, Nama

Factor	Type	Levels	Values
Istirahat	fixed	4	1, 2, 3, 4
Nama	fixed	5	1, 2, 3, 4, 5

Analysis of Variance for Salah, using Adjusted SS for Tests

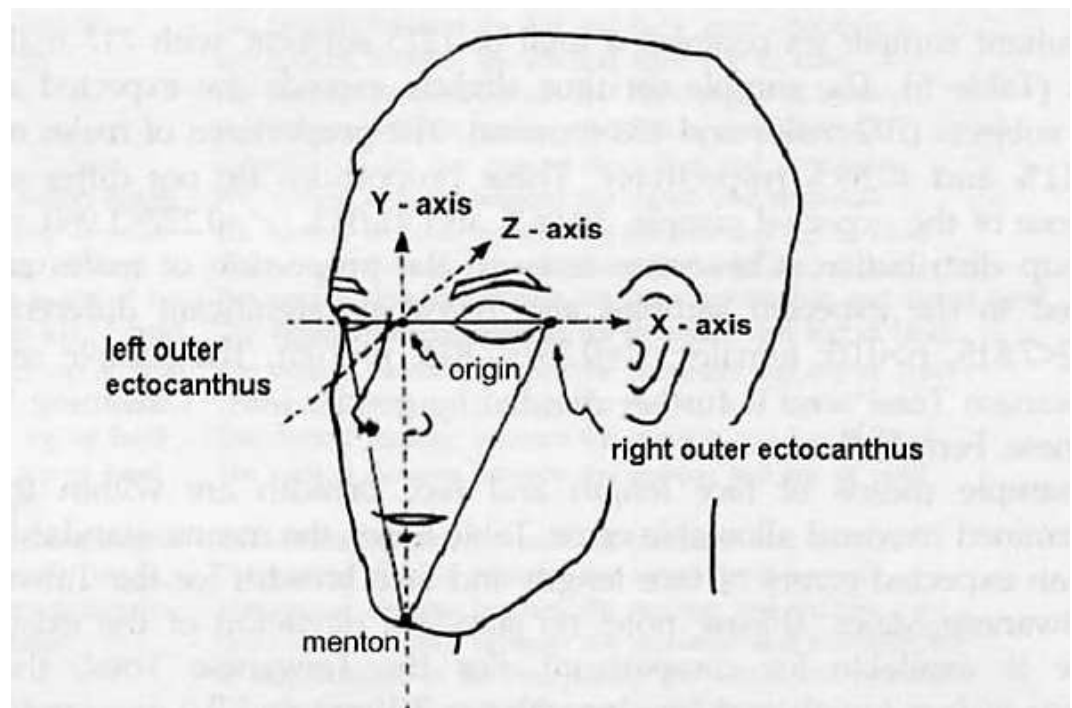
Source	DF	Seq SS	Adj SS	Adj MS	F	P
Istirahat	3	459.040	459.040	153.013	156.14	0.000
Nama	4	2.960	2.960	0.740	0.76	0.557
	92	90.160	90.160	0.980		
Total	99	552.160				

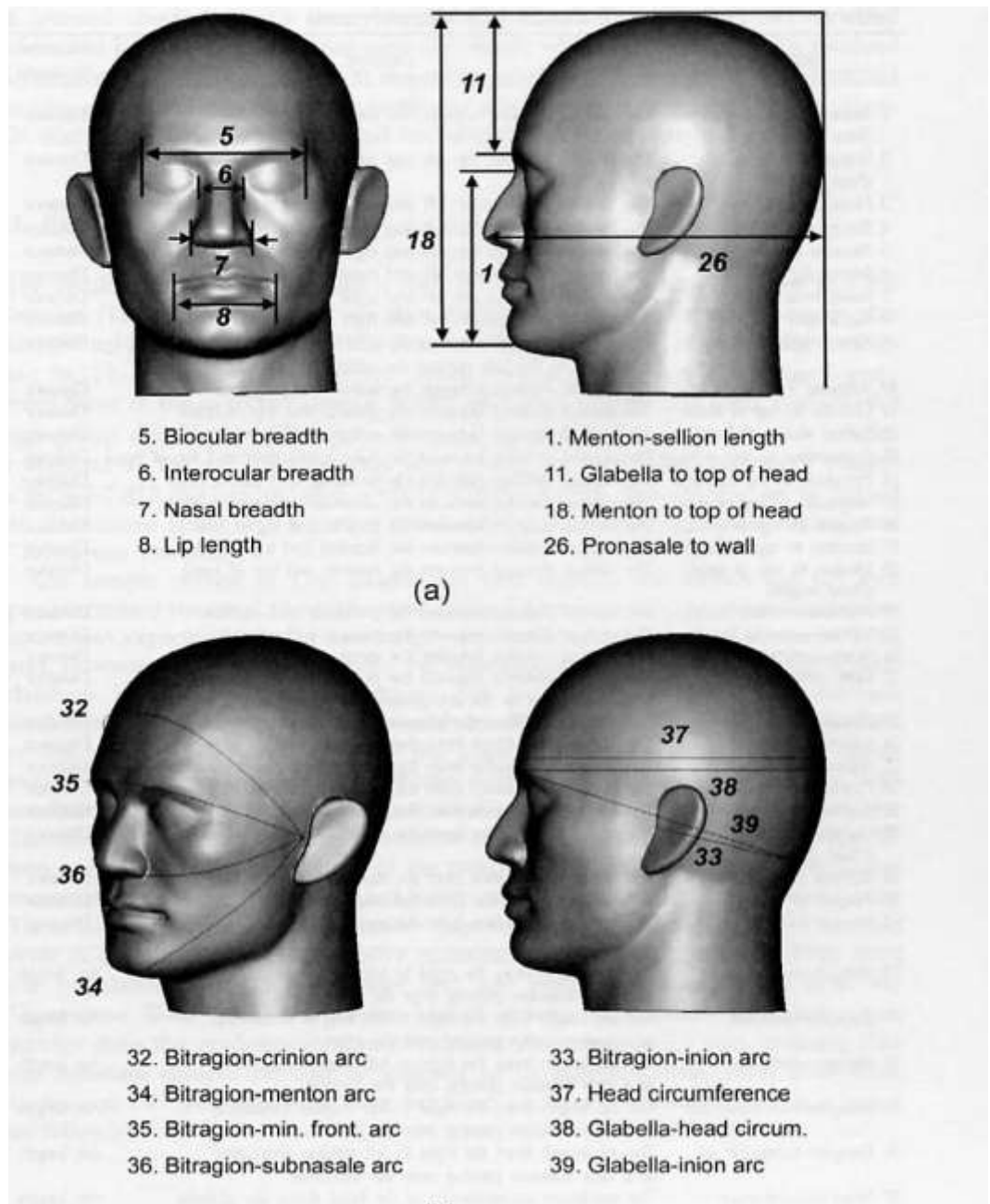
S = 0.989949 R-Sq = 83.67% R-Sq(adj) = 82.43%

Obs	Salah	Fit	SE Fit	Residual	St Resid
75	2.00000	4.16000	0.28000	-2.16000	-2.27 R

R denotes an observation with a large standardized residual.

3. Data Human Face Anthropometry





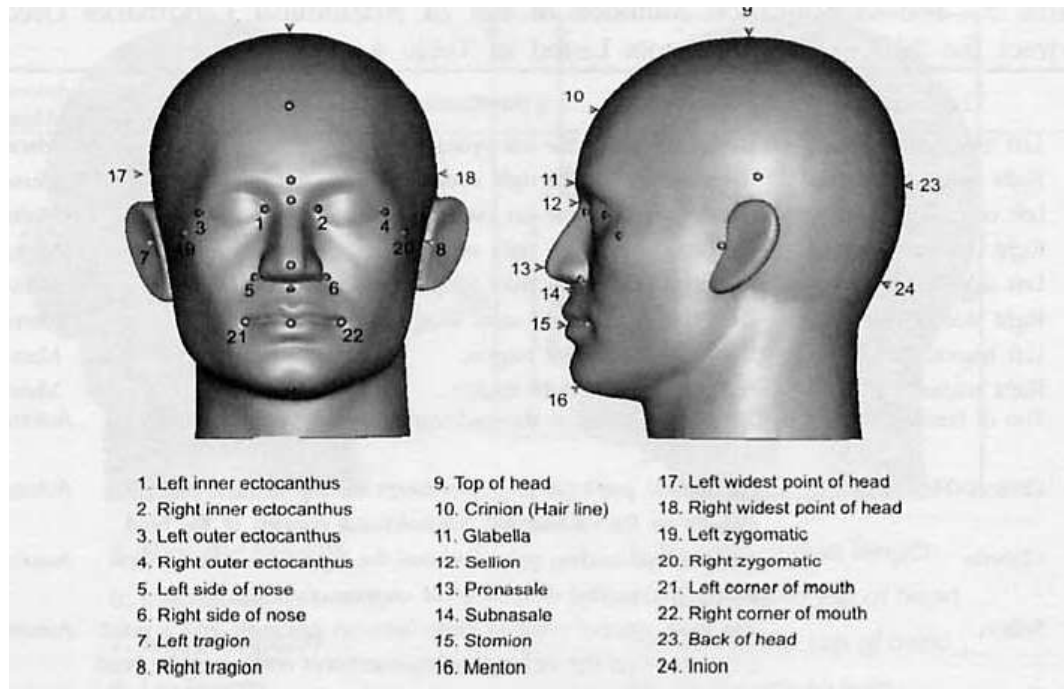


Table 6. The Standard Deviations and Mean Expected Errors of Face Length and Face Breadth in mm of Taiwanese Total, Taiwanese Males

Measurement	Taiwanese Total (N=1213)			Taiwanese Males (N=717)		
	S.D.	M.E.E	M.E.E.< 0.5	S. D.	M.E.E.	M.E.E.< 0.5
Face Length	7.3	+/- 0.41	True	6.3	+/- 0.46	True
Face Breadth	7.0	+/- 0.39	True	6.6	+/- 0.48	True

Note: M. E. E stands for mean expected error and the predetermined mean expected error is 0.5 mm

Table 7 The Results of 39 1-D Measurements, 31 Distances and Eight Arcs in mm of Taiwanese Total, Taiwanese Males and Taiwanese Females, are Listed Along with Nine Existing Databases

Measurement	Taiwanese			Existing Male		
	Total N=1213	Males N=717	Females N=496	Jap. Airforce N=1176	Jap. Pilots N=236	Thai M. N=2950
1 Menton-sellion length (Face length)	111.7 (7.3)	115.0 (6.3)	106.8 (5.9)		121.0 (5.8)	114.0 (6.0)
2 Bizygomatic breadth (Face breadth)	131.9 (7.0)	134.6 (6.6)	127.8 (5.4)	127.7 (8.8)	143.0 (6.3)	131.0 (7.0)
3 Head breadth	168.1 (8.9)	170.9 (8.4)	164.1 (7.9)	157.7 (6.0)	157.6 (6.1)	152.0 (7.0)
4 Bitragion breadth	158.0 (9.2)	161.9 (8.2)	152.4 (7.6)	142.8 (5.4)	142.1 (6.5)	
5 Biocular breadth	106.0 (6.7)	108.1 (6.5)	102.9 (5.8)			
6 Interocular breadth	32.3 (3.6)	32.9 (3.7)	31.4 (3.3)			
7 Nasal breadth	39.2 (3.4)	40.9 (2.9)	36.9 (2.6)			
8 Lip length	47.4 (4.5)	48.7 (4.4)	45.4 (3.7)		51.2 (4.3)	
9 Nose length	41.8 (4.2)	43.2 (3.9)	39.8 (3.8)		49.7 (3.3)	
10 Subnasal-sellion length	48.9 (3.9)	50.3 (3.6)	46.9 (3.5)			
11 Glabella to top of head	94.6 (8.5)	94.8 (8.6)	94.3 (8.3)			
12 Sellion to top of head	117.4 (9.2)	116.8 (9.2)	118.4 (9.2)			
13 Ectocanthus to top of head	120.6 (7.8)	120.2 (8.0)	121.1 (7.6)	112.4 (11.9)		
14 Pronasale to top of head	153.4 (8.6)	153.7 (8.9)	152.8 (8.1)			
15 Subnasale to top of head	166.4 (8.6)	167.1 (8.8)	165.3 (8.2)			
16 Tragion to top of head	137.4 (9.1)	137.2 (9.4)	137.8 (8.7)			128.0 (10.0)
17 Stomion to top of head	190.0 (8.8)	191.6 (8.8)	187.7 (8.2)			
18 Menton to top of head (Head length)	229.1 (9.7)	231.8 (9.4)	225.1 (8.7)	234.2 (10.5)		
19 Pronasale-menton length	75.7 (5.8)	78.1 (5.3)	72.3 (4.7)			
20 Menton-subnasale length	62.7 (5.3)	64.7 (4.9)	59.9 (4.4)		73.2 (4.7)	
21 Stomion-menton length	39.1 (4.1)	40.2 (4.1)	37.4 (3.5)			
22 Nose protrusion	18.4 (3.4)	18.9 (3.6)	17.6 (2.8)			
23 Pronasale-tragion length	106.2 (8.3)	110.6 (7.1)	100.0 (5.4)			
24 Sellion to wall	183.5 (9.1)	187.5 (8.0)	177.6 (7.3)			
25 Ectocanthus to wall	166.6 (8.7)	169.3 (8.1)	162.6 (8.1)			
26 Pronasale to wall	204.7 (10.3)	209.7 (8.7)	197.3 (7.9)			
27 Sub nasale to wall	192.4 (9.8)	196.9 (8.6)	186.0 (7.8)			
28 Glabella to wall (Head depth)	186.7 (9.2)	190.8 (8.1)	180.8 (7.2)			
29 Stomion to wall	192.6 (10.0)	196.9 (8.8)	186.4 (8.2)			
30 Tragion to wall	98.4 (8.3)	99.2 (8.8)	97.4 (7.5)	95.2 (7.6)		
31 Menton to wall	183.5 (9.1)	187.5 (8.0)	177.6 (7.3)			
32 Bitragion-crinion arc	315.3 (17.2)	320.4 (16.7)	308.0 (15.3)			
33 Bitragion-inion arc	277.2 (17.4)	279.0 (18.2)	274.7 (15.8)			
34 Bitragion-menton arc	318.9 (20.4)	329.5 (17.7)	303.6 (13.0)		319.6 (12.1)	
35 Bitragion-min. front. arc	285.7 (16.8)	293.8 (14.9)	274.1 (12.0)	314.2 (12.0)	316.0 (11.0)	
36 Bitragion-subnasale arc	283.1 (16.8)	291.2 (15.4)	271.5 (10.7)	297.7 (11.9)		
37 Head circumference	569.3 (24.3)	581.6 (20.1)	551.6 (18.0)	563.3 (13.9)	563.8 (14.8)	540.0 (14.0)
38 Glabella-head circum.	569.1 (24.5)	581.3 (20.4)	551.4 (18.2)			
39 Glabella-inion arc	560.9 (22.0)	571.5 (19.4)	545.7 (15.8)			
Number of Measurement	39	39	39	9	10	5

Note: Numbers are average values with standard deviations in parenthesis and the measurements in bold face type are used for comparison among databases.

(Continue)						
Measurement	Existing, Male Exist., Female					Female
	Vietnam M N=2128	Korean F. N=3747	China Male N=11164	USAF N=3869	NATO N=3325	China N=1115
1 Menton-Sellion Length (Face Length)	113.2 (6.0)	116.0 (5.0)	125.8	119.2 (6.8)	119.7 (5.9)	119.0
2 Bizygomatic Breadth (Face Breadth)	127.7 (5.9)	143.0 (6.0)	144.5	139.9 (5.6)	142.4 (5.3)	139.0
3 Head Breadth	149.0 (5.8)	153.0 (6.0)	154.1	153.1 (5.8)	155.5 (6.0)	149.1
4 Bitragion Breadth			142.6	138.5 (6.5)	144.9 (5.3)	136.6
5 Biocular Breadth			92.6	94.2 (5.3)	91.0 (3.9)	90.5
6 Interocular Breadth			36.6	31.5 (2.8)	32.9 (2.6)	35.8
7 Nasal Breadth			38.9	34.2 (3.8)	36.2 (2.6)	36.1
8 Lip Length			50.4	48.7 (4.4)	51.4 (3.4)	47.7
9 Nose Length			57.9			54.7
10 Subnasal-Sellion Length			57.9	51.0 (3.7)	52.5 (3.4)	54.7
11 Glabella to Top of Head				92.1 (8.1)	88.0 (8.4)	
12 Sellion to Top of Head				108.4 (7.8)	105.3 (7.9)	
13 Ectocanthus to Top of Head				115.9 (6.7)	113.9 (7.4)	
14 Pronasale to Top of Head				148.3 (8.7)	146.8 (9.4)	
15 Subnasale to Top of Head						
16 Tragion to Top of Head	123.3 (7.8)	125.0 (8.0)		131.8 (6.2)	131.8 (5.9)	
17 Stomion to Top of Head				182.3 (8.4)	179.3 (8.5)	
18 Menton to Top of Head (Head length)			229.3	226.7 (9.7)	224.5 (8.9)	221.5
19 Pronasale-Menton Length						
20 Menton-Subnasale Length			69.1	70.1 (6.1)	68.5 (5.0)	64.3
21 Stomion-Menton Length						
22 Nose Protrusion			18.1	23.5 (3.0)	23.3 (2.6)	16.8
23 Pronasale-Tragion Length						
24 Sellion to Wall				196.0 (7.0)	191.0 (7.6)	
25 Ectocanthus to Wall				172.1 (7.4)	167.3 (7.3)	
26 Pronasale to Wall				219.8 (8.2)	216.4 (8.3)	
27 Sub nasale to Wall						
28 Glabella to Wall (Head Depth)			187.8	198.0 (7.1)	193.6 (7.8)	178.6
29 Stomion to Wall						
30 Tragion to Wall				96.3 (6.8)	92.8 (6.4)	
31 Menton to Wall						
32 Bitragion-Crinion Arc						
33 Bitragion-Inion Arc						
34 Bitragion-Menton Arc				314.1 (14.4)	321.2 (12.5)	
35 Bitragion-Min. Front. Arc				304.8 (11.1)	302.4 (10.7)	
36 Bitragion-Subnasale Arc				287.0 (11.7)	287.4 (10.6)	
37 Head Circumference	540.7 (14.1)	544.0 (13.0)		562.6 (16.5)	558.6 (15.5)	
38 Glabella-Head-Circum.						
39 Glabella-Inion Arc						
Number of Measurement	5	5	14	27	27	14

Note: Numbers are average values with standard deviations in parenthesis.

4. Foto-foto Pengamatan



5. *Flicker Apparatus Usulan*



DATA PENULIS

Nama : Stepviani Magdalena
Alamat di Bandung : Komplek Bougenville Blok A2 Antapani Bandung 40291
Alamat Asal : Komplek Bougenville Blok A2 Antapani Bandung 40291
No. Telp Bandung : 022-7204539
No. Telp Asal : 022-7204539
No. Handphone : 08997924566/082129979173
Alamat Email : stepvianimagdalena@hotmail.com
Pendidikan : SMU Taruna Bakti Bandung
Jurusan Teknik Industri Universitas Kristen Maranatha
Nilai Tugas Akhir : A
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