LAMPIRAN

Lampiran 01. Data dan Anova Berat Otot Ekstremitas Posterior

Tabel 02. Data Berat Otot Ekstremitas Posterior (gram)

Ulangan	Perlakuan				
	P_0	P_1	P_2	P_3	P_4
1.	222,90	181,85	171,95	154,14	127,30
2.	184,25	190,25	160,60	157,20	111,05
3.	196,20	211,85	154,61	171,45	153,90
4.	175,60	-	188,95	178,75	151,40
5.	225,70	-	192,14	-	149,65
Jumlah	1004,65	583,95	868,25	661,54	693,30
Rata-rata	200,93	194,65	173,65	165,39	138,66

Perhitungan Statistik Data Berat Otot Ekstremitas Posterior

Derajat Bebas Total (DBT) $= (5 + 3 + 5 + 4 + 5) - 1 = 21$

Derajat Bebas Perlakuan (DBP) $= 5 - 1 = 4$

Derajat Bebas Galat (DBG) $= (5 + 3 + 5 + 4 + 5) - 5 = 17$

Faktor Koreksi (FK) $= \dfrac{(1004,65 + 583,95 + 868,25 + 661,54 + 693,30)^2}{22}$

$= 660408,21$

Jumlah Kuadrat Total (JKT) $= (222,90^2 + 184,25^2 + \ldots.. + 151,40^2 + 149,65^2)$

$- 660408,21$

$= 16880,09$

Jumlah Kuadrat Perlakuan (JKP) $= \left[\dfrac{1004,65^2}{5} + \dfrac{583,95^2}{3} + \dfrac{868,25^2}{5} + \dfrac{661,54^2}{4} + \dfrac{693,30^2}{5}\right]$

$- 660408,21$

$= 11435,36$

Jumlah Kuadrat Galat (JKG) $= 16880,09 - 11435,36$

$= 5444,72$

Kuadrat Tengah Perlakuan (KTP) $= \dfrac{11435,36}{4}$

$= 2858,84$

Kuadrat Tengah Galat (KTG) $= \frac{5444,72}{17}$

$= 320,28$

F hitung $= \frac{2858,84}{320,28}$

$= 8,93$

ANOVA

SK	db	JK	KT	F hitung	F tabel
Perlakuan	4	11435,36	2858,84	8,93*	2,96
Galat	17	5444,72	320,28		
Total	21	16880,09			

* Berbeda nyata

Uji BNT (Beda Nyata Terkecil) Berat Otot Ekstremitas Posterior

$$LSD = t\alpha \,.\, fc \left\{ KTG\left(\frac{1}{ni}+\frac{1}{ni}\right)\right\}^{1/2}$$

$= t0,025 \,.\, 17 = 2,110$

Po dan $P_1 \rightarrow 2,110 \quad \left\{320,28\left(\frac{1}{5}+\frac{1}{3}\right)\right\}^{1/2} = 27,58 > 6,28^{tn}$

Po dan $P_2 \rightarrow 2,110 \quad \left\{320,28\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 23,88 < 27,28^{*}$

Po dan $P_3 \rightarrow 2,110 \quad \left\{320,28\left(\frac{1}{5}+\frac{1}{4}\right)\right\}^{1/2} = 25,33 < 35,54^{*}$

Po dan $P_4 \rightarrow 2,110 \quad \left\{320,28\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 23,88 < 62,27^{*}$

P_1 dan $P_2 \rightarrow 2{,}110 \quad \left\{320{,}28\left(\frac{1}{3}+\frac{1}{5}\right)\right\}^{1/2} = 27{,}58 > 21{,}00^{tn}$

P_1 dan $P_3 \rightarrow 2{,}110 \quad \left\{320{,}28\left(\frac{1}{3}+\frac{1}{4}\right)\right\}^{1/2} = 28{,}84 < 29{,}26^{*}$

P_1 dan $P_4 \rightarrow 2{,}110 \quad \left\{320{,}28\left(\frac{1}{3}+\frac{1}{5}\right)\right\}^{1/2} = 27{,}58 < 55{,}99^{*}$

P_2 dan $P_3 \rightarrow 2{,}110 \quad \left\{320{,}28\left(\frac{1}{5}+\frac{1}{4}\right)\right\}^{1/2} = 25{,}33 > 8{,}26^{tn}$

P_2 dan $P_4 \rightarrow 2{,}110 \quad \left\{320{,}28\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 23{,}88 < 34{,}99^{*}$

P_3 dan $P_4 \rightarrow 2{,}110 \quad \left\{320{,}28\left(\frac{1}{4}+\frac{1}{5}\right)\right\}^{1/2} = 25{,}33 < 26{,}73^{*}$

P_4	P_3	P_2	P_1	Po
$138{,}66^{a}$	$165{,}39^{b}$	$173{,}65^{bc}$	$194{,}65^{cd}$	$200{,}93^{d}$

Lampiran 02. Data dan Anova Berat Tulang Ekstremitas Posterior

Tabel 03. Data Berat Tulang Ekstremitas Posterior (gram)

Ulangan	Perlakuan				
	P_0	P_1	P_2	P_3	P_4
1.	30,55	35,90	32,75	27,40	24,80
2.	26,75	26,55	29,70	27,80	21,45
3.	29,85	32,00	23,90	33,85	25,75
4.	31,05	-	32,95	32,10	25,35
5.	32,41	-	28,91	-	24,40
Jumlah	150,61	94,45	148,21	121,15	121,75
Rata-rata	30,12	31,48	29,64	30,29	24,35

Perhitungan Statistik Data Berat Tulang Ekstremitas Posterior

Derajat Bebas Total (DBT) $= (5 + 3 + 5 + 4 + 5) - 1 = 21$

Derajat Bebas Perlakuan (DBP) $= 5 - 1 = 4$

Derajat Bebas Galat (DBG) $= (5 + 3 + 5 + 4 + 5) - 5 = 17$

Faktor Koreksi (FK) $= \frac{(150,61+94,45+148,21+121,15+121,75)^2}{22}$

$= 18396,01$

Jumlah Kuadrat Total (JKT) $= (30,55^2 + 26,75^2 + ...+25,35^2+24,40^2) - 18396,01$

$= 299,47$

Jumlah Kuadrat Perlakuan (JKP) $= \left[\frac{150,61^2}{5} + \frac{94,45^2}{3} + \frac{148,21^2}{5} + \frac{121,15^2}{4} + \frac{121,75}{5}\right]$

$- 18396,01$

$= 141,45$

Jumlah Kuadrat Galat (JKG) $= 299,47 - 141,45$

$= 158,02$

Kuadrat Tengah Perlakuan (KTP) $= \frac{141,45}{4}$

$= 35,36$

Kuadrat Tengah Galat (KTG) $= \frac{158,02}{17}$

$= 9,29$

F hitung $= \frac{35,36}{9,29}$

$= 3,81$

ANOVA

SK	db	JK	KT	F hitung	F tabel
Perlakuan	4	141,45	35,36	3,81*	2,96
Galat	17	158,02	9,29		
Total	21	299,47			

* Berbeda nyata

Uji BNT (Beda Nyata Terkecil) Berat Tulang Ekstremitas Posterior

$$LSD = t\alpha \,.\, fc \left\{KTG\left(\frac{1}{ni}+\frac{1}{ni}\right)\right\}^{1/2}$$

$= t0,025 \,.\, 17 = 2,110$

P_0 dan $P_1 \rightarrow 2,110 \quad \left\{9,30\left(\frac{1}{5}+\frac{1}{3}\right)\right\}^{1/2} = 4,70 > 1,36^{tn}$

P_0 dan $P_2 \rightarrow 2,110 \quad \left\{9,30\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 4,07 > 0,48^{tn}$

P_0 dan $P_3 \rightarrow 2,110 \quad \left\{9,30\left(\frac{1}{5}+\frac{1}{4}\right)\right\}^{1/2} = 4,32 > 0,17^{tn}$

P_0 dan $P_4 \rightarrow 2,110 \quad \left\{9,30\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 4,07 < 5,77^{*}$

P_1 dan $P_2 \rightarrow 2,110 \quad \left\{9,30\left(\frac{1}{3}+\frac{1}{5}\right)\right\}^{1/2} = 4,70 > 1,84^{tn}$

P_1 dan $P_3 \rightarrow 2{,}110 \quad \left\{9{,}30\left(\frac{1}{3}+\frac{1}{4}\right)\right\}^{1/2} = 4{,}91 > 1{,}19^{tn}$

P_1 dan $P_4 \rightarrow 2{,}110 \quad \left\{9{,}30\left(\frac{1}{3}+\frac{1}{5}\right)\right\}^{1/2} = 4{,}70 < 7{,}13^{*}$

P_2 dan $P_3 \rightarrow 2{,}110 \quad \left\{9{,}30\left(\frac{1}{5}+\frac{1}{4}\right)\right\}^{1/2} = 4{,}32 > 0{,}65^{tn}$

P_2 dan $P_4 \rightarrow 2{,}110 \quad \left\{9{,}30\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 4{,}07 < 5{,}29^{*}$

P_3 dan $P_4 \rightarrow 2{,}110 \quad \left\{9{,}30\left(\frac{1}{4}+\frac{1}{5}\right)\right\}^{1/2} = 4{,}32 < 5{,}94^{*}$

P_4	P_2	P_0	P_3	P_1
$24{,}35^{a}$	$29{,}64^{b}$	$30{,}12^{b}$	$30{,}29^{b}$	$31{,}48^{b}$

Lampiran 03. Data dan Anova Ratio Berat Otot – Tulang Ekstremitas Posterior

Tabel 04. Data Ratio Berat Otot – Tulang Ekstremitas Posterior

Ulangan	Perlakuan				
	P_0	P_1	P_2	P_3	P_4
1.	7,30	5,07	5,25	5,63	5,13
2.	6,89	7,17	5,41	5,65	5,18
3.	6,57	6,62	6,47	5,06	5,98
4.	5,66	-	5,73	5,75	5,97
5.	6,96	-	6,65	-	6,13
Jumlah	33,38	18,86	29,51	21,91	28,39
Rata-rata	6,68	6,29	5,90	5,48	5,68

Perhitungan Statistik Data Ratio Berat Otot – Tulang Ekstremitas Posterior

Derajat Bebas Total (DBT) $= (5 + 3 + 5 + 4 + 5) - 1 = 21$

Derajat Bebas Perlakuan (DBP) $= 5 - 1 = 4$

Derajat Bebas Galat (DBG) $= (5 + 3 + 5 + 4 + 5) - 5 = 17$

Faktor Koreksi (FK) $= \dfrac{(33,38+18,86+29,51+21,91+28,39)^2}{22}$

$= 792,60$

Jumlah Kuadrat Total (JKT) $= (7,30^2 + 6,89^2 + ...+5,97^2+6,13^2) - 792,60$

$= 12,90$

Jumlah Kuadrat Perlakuan (JKP) $= \left[\dfrac{33,38^2}{5} + \dfrac{18,86^2}{3} + \dfrac{29,51^2}{5} + \dfrac{21,91}{4} + \dfrac{28,39}{5}\right] - 792,60$

$= 4,19$

Jumlah Kuadrat Galat (JKG) $= 12,90 - 4,19$

$= 8,71$

Kuadrat Tengah Perlakuan (KTP) $= \dfrac{4,19}{4}$

$= 1,05$

Kuadrat Tengah Galat (KTG) $= \frac{8,71}{17}$

$= 0,51$

F hitung $= \frac{1,05}{0,51}$

$= 2,05$

ANOVA

SK	db	JK	KT	F hitung	F tabel
Perlakuan	4	4,19	1,05	2,05 ^{tn}	2,96
Galat	17	8,71	0,51		
Total	21	12,90			

^{tn} tidak nyata

Lampiran 04. Data dan Anova Berat Badan Ayam Umur 7 Minggu

T abel 05. Data Berat Badan Ayam Umur 7 Minggu (gram)

Ulangan	Perlakuan				
	P_0	P_1	P_2	P_3	P_4
1.	2465,30	2481,00	2212,67	2109,50	1849,37
2.	2297,90	2344,80	2221,93	1758,23	1619,80
3.	2464,09	2145,23	1794,13	2039,90	1627,60
4.	2193,33	-	2369,17	2079,03	1689,03
5.	2548,27	-	2228,30	-	1644,17
Jumlah	11968,89	6971,03	10826,20	7986,66	8429,97
Rata-rata	2393,78	2323,68	2165,24	1996,67	1686,00

Perhitungan Statistik Data Berat Badan Ayam Umur 7 Minggu

Derajat Bebas Total (DBT) $= (5 + 3 + 5 + 4 + 5) - 1 = 21$

Derajat Bebas Perlakuan (DBP) $= 5 - 1 = 4$

Derajat Bebas Galat (DBG) $= (5 + 3 + 5 + 4 + 5) - 5 = 17$

Faktor Koreksi (FK) $= \dfrac{(11968,89 + 6971,03 + 10826,20 + 7986,66 + 8429,97)^2}{22}$

$= 96947563,53$

Jumlah Kuadrat Total (JKT) $= (2465,30^2 + 2297,90^2 + ...+ 1689,03^2 + 1644,17^2)$

$- \quad 96947563,53$

$= 1946173,32$

Jumlah Kuadrat Perlakuan (JKP) $= \left[\dfrac{1196,89^2}{5} + \dfrac{6971,03^2}{3} + \dfrac{10826,20^2}{5} + \dfrac{7986,66^2}{4}\right.$

$\left. + \dfrac{8429,97^2}{5}\right] - 96947563,53$

$= 1502606,41$

Jumlah Kuadrat Galat (JKG) $= 1946173,32 - 1502606,41$

$= 443566,91$

Kuadrat Tengah Perlakuan (KTP) $= \frac{1502606,41}{4}$

$= 375651,60$

Kuadrat Tengah Galat (KTG) $= \frac{443566,91}{17}$

$= 26092,17$

F hitung $= \frac{375651,60}{26092,17}$

$= 14,40$

ANOVA

SK	db	JK	KT	F hitung	F tabel
Perlakuan	4	1502606,41	375651,60	14,40*	2,96
Galat	17	443566,91	26092,17		
Total	21	1946173,32			

* Berbeda nyata

Uji BNT (Beda Nyata Terkecil) Berat Badan Ayam Umur 7 Minggu

LSD $= t\alpha \,.\, fc \left\{KTG\left(\frac{1}{ni}+\frac{1}{ni}\right)\right\}^{1/2}$

$= t0,025 \,.\, 17 = 2,110$

P_0 dan $P_1 \rightarrow 2,110 \quad \left\{26092,17\left(\frac{1}{5}+\frac{1}{3}\right)\right\}^{1/2} = 248,91 > 70,10^{tn}$

P_0 dan $P_2 \rightarrow 2,110 \quad \left\{26092,17\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 215,56 < 228,54^{*}$

P_0 dan $P_3 \rightarrow 2,110 \quad \left\{26092,17\left(\frac{1}{5}+\frac{1}{4}\right)\right\}^{1/2} = 228,64 < 397,11^{*}$

P_0 dan $P_4 \rightarrow 2,110 \quad \left\{26092,17\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 215,56 < 707,78^{*}$

P_1 dan $P_2 \rightarrow 2{,}110 \quad \left\{26092{,}17\left(\frac{1}{3}+\frac{1}{5}\right)\right\}^{1/2} = 248{,}91 > 158{,}44^{tn}$

P_1 dan $P_3 \rightarrow 2{,}110 \quad \left\{26092{,}17\left(\frac{1}{3}+\frac{1}{4}\right)\right\}^{1/2} = 260{,}31 < 327{,}01^{*}$

P_1 dan $P_4 \rightarrow 2{,}110 \quad \left\{26092{,}17\left(\frac{1}{3}+\frac{1}{5}\right)\right\}^{1/2} = 248{,}91 < 637{,}68^{*}$

P_2 dan $P_3 \rightarrow 2{,}110 \quad \left\{26092{,}17\left(\frac{1}{5}+\frac{1}{4}\right)\right\}^{1/2} = 228{,}64 > 168{,}57^{tn}$

P_2 dan $P_4 \rightarrow 2{,}110 \quad \left\{26092{,}17\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 215{,}56 < 479{,}24^{*}$

P_3 dan $P_4 \rightarrow 2{,}110 \quad \left\{26092{,}17\left(\frac{1}{4}+\frac{1}{5}\right)\right\}^{1/2} = 228{,}64 < 310{,}67^{*}$

P_4	P_3	P_2	P_1	P_0
$1686{,}00^{a}$	$1696{,}67^{b}$	$2162{,}24^{bc}$	$2323{,}68^{cd}$	$2393{,}78^{d}$

Lampiran 05. Data dan Anova Konsumsi Pakan Harian

Tabel 06. Data Konsumsi Pakan Harian (gram)

Ulangan	Perlakuan				
	P_0	P_1	P_2	P_3	P_4
1.	35,17	35,37	36,76	36,14	31,40
2.	33,67	35,81	37,28	35,96	30,75
3.	36,43	35,54	35,55	36,08	33,05
4.	35,20	-	37,74	35,46	30,05
5.	35,55	-	36,34	-	28,47
Jumlah	176,02	106,72	183,67	143,64	153,72
Rata-rata	35,20	35,57	36,73	35,91	30,74

Perhitungan Statistik Data Konsumsi Pakan Harian

Derajat Bebas Total (DBT) $= (5 + 3 + 5 + 4 + 5) - 1 = 21$

Derajat Bebas Perlakuan (DBP) $= 5 - 1 = 4$

Derajat Bebas Galat (DBG) $= (5 + 3 + 5 + 4 + 5) - 5 = 17$

Faktor Koreksi (FK) $= \dfrac{(176,02+106,72+183,67+143,64+153,72)^2}{22}$

$= 26515,66$

Jumlah Kuadrat Total (JKT) $= (35,17^2 + 33,67^2 + \ldots.+30,05^2+28,47^2) - 26515,66$

$= 126,98$

Jumlah Kuadrat Perlakuan (JKP) $= \left[\dfrac{176,02^2}{5}+\dfrac{106,72^2}{3}+\dfrac{183,67^2}{5}+\dfrac{143,64^2}{4}+\dfrac{153,72^2}{5}\right]$

$- 26515,66$

$= 108,35$

Jumlah Kuadrat Galat (JKG) $= 126,98 - 108,35$

$= 18,63$

Kuadrat Tengah Perlakuan (KTP) $= \dfrac{108,35}{4}$

$= 27,09$

Kuadrat Tengah Galat (KTG) $= \frac{18,63}{17}$

$= 1,10$

F hitung $= \frac{27,09}{1,10}$

$= 24,63$

ANOVA

SK	db	JK	KT	F hitung	F tabel
Perlakuan	4	108,35	27,09	24,63*	2,96
Galat	17	18,63	1,10		
Total	21	126,98			

* Berbeda nyata

Uji BNT (Beda Nyata Terkecil) Konsumsi Pakan Harian

$LSD = t\alpha \,.\, fc \left\{KTG\left(\frac{1}{ni}+\frac{1}{ni}\right)\right\}^{1/2}$

$= t0,025 \,.\, 17 = 2,110$

P_0 dan $P_1 \rightarrow 2,110 \quad \left\{1,10\left(\frac{1}{5}+\frac{1}{3}\right)\right\}^{1/2} = 1,62 > 0,37^{tn}$

P_0 dan $P_2 \rightarrow 2,110 \quad \left\{1,10\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 1,37 < 1,53^{*}$

P_0 dan $P_3 \rightarrow 2,110 \quad \left\{1,10\left(\frac{1}{5}+\frac{1}{4}\right)\right\}^{1/2} = 1,48 > 0,71^{tn}$

P_0 dan $P_4 \rightarrow 2,110 \quad \left\{1,10\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 1,37 < 4,46^{*}$

P_1 dan $P_2 \rightarrow 2,110 \quad \left\{1,10\left(\frac{1}{3}+\frac{1}{5}\right)\right\}^{1/2} = 1,62 > 1,16^{tn}$

P_1 dan $P_3 \rightarrow 2{,}110 \quad \left\{1{,}10\left(\frac{1}{3}+\frac{1}{4}\right)\right\}^{1/2} = 1{,}69 > 0{,}34^{tn}$

P_1 dan $P_4 \rightarrow 2{,}110 \quad \left\{1{,}10\left(\frac{1}{3}+\frac{1}{5}\right)\right\}^{1/2} = 1{,}62 < 4{,}83^{*}$

P_2 dan $P_3 \rightarrow 2{,}110 \quad \left\{1{,}10\left(\frac{1}{5}+\frac{1}{4}\right)\right\}^{1/2} = 1{,}48 > 0{,}82^{tn}$

P_2 dan $P_4 \rightarrow 2{,}110 \quad \left\{1{,}10\left(\frac{1}{5}+\frac{1}{5}\right)\right\}^{1/2} = 1{,}37 > 5{,}99^{*}$

P_3 dan $P_4 \rightarrow 2{,}110 \quad \left\{1{,}10\left(\frac{1}{4}+\frac{1}{5}\right)\right\}^{1/2} = 1{,}48 < 5{,}17^{*}$

P_4	P_0	P_1	P_3	P_2
$30{,}74^{a}$	$35{,}20^{b}$	$35{,}57^{bc}$	$35{,}91^{bc}$	$36{,}73^{c}$

Lampiran 06. Data Rata-rata Analisa Proksimat Ransum

Tabel 07. Data Rata-rata Analisa Proksimat Ransum

Macam Analisa	Perlakuan				
	P0	P1	P2	P3	P4
Protein (%)	23,2176^{e}	21,47295^{d}	20,6489^{c}	19,8991^{b}	18,33235^{a}
Lemak (%)	13,70215^{a}	15,1033^{c}	14,40865^{b}	14,7075^{b}	17,0958^{d}
Abu (%)	4,77385^{a}	4,78345^{a}	4,93555^{a}	4,84475^{a}	5,2906^{b}
Air (%)	11,7504^{a}	11,7985^{ab}	11,8585^{bc}	11,8999^{c}	12,02215^{d}
Serat Kasar (%)	3,3064^{a}	3,7985^{b}	4,41425^{c}	5,5827^{d}	5,4716^{d}
Ca (%)	0,9319^{c}	0,92635^{bc}	0,75395^{a}	0,86805^{b}	0,72795^{a}
Pospor (%)	0,7256^{b}	0,7307^{b}	0,6630^{a}	0,65845^{a}	0,68395^{ab}
Kalori (kal/g)	3534,9	3586,1	3531,8	3518,1	3621,6

Lampiran 07. Data Temperatur Harian

Tabel 08. Data Temperatur Harian (°C)

MINGGU KE	HARI KE	PAGI (07.00)	SIANG (12.00)	SORE (15.00)
II	1	24	29	31
	2	23	29	33
	3	24	32	30
	4	24	30	28
	5	24	30	27
	6	24	28	30
	7	24	30	32
III	1	22	30	32
	2	23	30	30
	3	24	30	30
	4	23	29	30
	5	24	30	30
	6	24	29	30
	7	26	28	30
IV	1	24	28	30
	2	22	29	30
	3	22	30	30
	4	24	28	32
	5	23	28	30
	6	22	28	28
	7	22	28	28
V	1	24	28	28,5
	2	24	29	27
	3	23	28	32
	4	22	28	32
	5	22	28	32
	6	23	28	31
	7	22	30	31
VI	1	24	28	30
	2	24	30	29
	3	26	27	28
	4	24	28	27
	5	25	30	27
	6	24	30	30
	7	24	30	32
VII	1	24	30	32
	2	27	30	30
	3	26	30	33
	4	27	31	34
	5	24	30	32
	6	24	30	34
	7	24	32	30

Sumber : Data Primer, Ana Murwati, 2001.

Lampiran 08. Data Kelembaban Harian

Tabel 09. Data Kelembaban Harian (%)

MINGGU KE	HARI KE	PAGI (07.00)	SIANG (12.00)	SORE (15.00)
II	1	86	71	61
	2	88	66	54
	3	80	70	60
	4	80	61	65
	5	74	62	67
	6	80	65	57
	7	80	65	79
III	1	74	54	49
	2	76	53	54
	3	79	60	55
	4	80	55	55
	5	79	55	55
	6	79	58	57
	7	70	60	55
IV	1	75	62	51
	2	80	62	60
	3	80	45	49
	4	80	59	49
	5	76	62	54
	6	78	65	60
	7	78	58	60
V	1	68	58	55
	2	70	57	73
	3	75	50	40
	4	75	60	45
	5	77	57	45
	6	89	60	51
	7	85	60	55
VI	1	86	57	60
	2	82	74	73
	3	80	74	65
	4	80	66	72
	5	75	62	75
	6	86	65	62
	7	86	65	57
VII	1	85	75	60
	2	80	62	70
	3	80	60	52
	4	78	45	45
	5	76	45	48
	6	76	52	45
	7	80	40	45

Sumber : Data Primer, Ana Murwati, 2001.