Lampiran 01. Analisis Data Bobot Tulang Femur

Tabel 03. Data Bobot Tulang Femur

Ulangan	Perlakuan								
	P0	P1	P2	P3	P4	P5	P6	P7	
1			14.80		14.40	13.10	12.20		
2	14.10	14.90	13.70	14.60	14.60	18.20	15.70	14.80	
3	15.00	14.40		13.70	17.00	14.10	13.90	17.30	
Jumlah	29.10	29.30	28.50	28.30	46.00	45.40	41.80	32.10	280.50
Rata-rata	14.55	14.65	14.25	14.15	15.33	15.13	13.93	16.05	

Sumber : Data Primer : Haryuni EPS, 2004

Perhitungan ANOVA

db Total = 18
db Perlakuan = 7
db Galat = 11

FK $= 280{,}50^2/19$
$= 78680{,}25/19 = 4141{,}07$

JKT $= \{14{,}10^2 + 15^2 + \ldots + 17{,}3^2\} - FK$
$= 4178{,}81 - 4141{,}07 = 37{,}74$

JKP $= \{29{,}10^2/2 + 29{,}30^2/2 + \ldots + 32{,}10^2/2\} - FK$
$= 4149{,}23 - 4141{,}07 = 8{,}16$

JKG $= JKT - JKP$
$= 37{,}74 - 8{,}16 = 29{,}59$

KTP $= JKP/dbP$
$= 8{,}16/7 = 1{,}17$

KTG $= JKG/dbG$
$= 29{,}59/11 = 2{,}69$

Fhitung $= KTP/KTG$
$= 2{,}69/1{,}17 = 0{,}43$

Tabel Anova

Sumber Keragaman	db	JK	KT	FHitung	FTabel 5%
Perlakuan	7	8,16	1,17	$0{,}43^{ns}$	3,01
Galat	11	29,59	2,69		
Jumlah	18	37,74			

ns : non signifikan

$$\text{Koefisien Keragaman} = \frac{\sqrt{KTG}}{Rt} x100\%$$
$$= \frac{\sqrt{2{,}69}}{14{,}76} x100\%$$
$$= 11{,}18\%$$

Lampiran 02. Analisis Data Panjang Tulang Femur

Tabel 04. Data Panjang Tulang Femur

Ulangan	Perlakuan								
	P0	P1	P2	P3	P4	P5	P6	P7	
1			8.58		8.54	8.39	7.90		
2	8.40	8.72	8.07	8.61	8.54	8.93	8.84	8.17	
3	8.33	8.51		8.37	9.09	8.38	8.13	9.18	
Jumlah	16.73	17.23	16.65	16.98	26.17	25.70	24.87	17.35	161.68
Rata-rata	8.37	8.62	8.33	8.49	8.72	8.57	8.29	8.68	

Sumber : Data Primer : Haryuni EPS, 2004

Perhitungan ANOVA

db Total = 18
db Perlakuan = 7
db Galat = 11

FK = $161{,}68^2/19$
= $26140{,}42/19 = 1375{,}81$

JKT = $\{8{,}40^2 + 8{,}33^2 + \ldots. + 9{,}18^2\}$ - FK
= $1377{,}86 - 1375{,}81 = 2{,}05$

JKP = $\{16{,}73^2/2 + 17{,}23^2/2 + \ldots. + 17{,}35^2/2\} - FK$
= $1376{,}29 - 1375{,}81 = 0{,}48$

JKG = JKT – JKP
= $2{,}05 - 0{,}48 = 1{,}57$

KTP = JKP/dbP
= $0{,}48/7 = 0{,}07$

KTG = JKG/dbG
= $1{,}57/11 = 0{,}14$

Fhitung= KTP/KTG
= $0{,}07/0{,}14 = 0{,}48$

Tabel Anova

Sumber keragaman	db	JK	KT	FHitung	FTabel 5%l
Perlakuan	7	0,48	0,07	$0{,}48^{ns}$	3,01
Galat	11	1,57	0,14		
Jumlah	18	2,05			

ns : non signifikan

$$\text{Koefisien Keragaman} = \frac{\sqrt{KTG}}{Rt} x100\%$$

$$= \frac{\sqrt{0{,}48}}{8{,}51} x100\%$$

$$= 4{,}47\ \%$$

Lampiran 03. Analisis Data Diameter Tulang Femur

Tabel 05. Data Diameter Tulang Femur

Ulangan	Perlakuan								
	P0	P1	P2	P3	P4	P5	P6	P7	
1			0.82		0.80	0.72	0.75		
2	0.83	0.82	0.88	0.81	0.84	0.85	0.81	0.85	
3	0.82	0.79		0.72	0.91	0.77	0.76	0.93	
Jumlah	1.65	1.61	1.70	1.53	2.55	2.34	2.32	1.78	15.48
Rata-rata	0.83	0.81	0.85	0.77	0.85	0.78	0.77	0.89	

Sumber : Data Primer : Haryuni EPS, 2004

Perhitungan ANOVA

db Total = 18
db Perlakuan = 7
db Galat = 11

FK $= 15{,}48^2/19$
$= 239{,}63/19 = 12{,}6121$

JKT $= \{0{,}83^2 + 0{,}82^2 + \ldots + 0{,}93^2\} - FK$
$= 12{,}6702 - 12{,}6121 = 0{,}0581$

JKP $= \{1{,}65^2/2 + 1{,}61^2/2 + \ldots + 1{,}78^2/2\} - FK$
$= 12{,}6438 - 12{,}6121 = 0{,}0317$

JKG $= JKT - JKP$
$= 0{,}0581 - 0{,}0317 = 0{,}0264$

KTP $= JKP/dbP$
$= 0{,}0317/7 = 0{,}0045$

KTG $= JKG/dbG$
$= 0{,}0264/11 = 0{,}0024$

Fhitung $= KTP/KTG$
$= 0{,}0045/0{,}0024 = 1{,}8832$

Tabel Anova

Sumber Keragaman	db	JK	KT	FHitung	FTabel 5%l
Perlakuan	7	0,0317	0,0045	$1{,}8832^{ns}$	3,01
Galat	11	0,0264	0,0024		
Jumlah	18	0,0581			

ns : non signifikan

$$\text{Koefisien Keragaman} = \frac{\sqrt{KTG}}{Rt} x100\%$$

$$= \frac{\sqrt{0{,}0024}}{1{,}23} x100\%$$

$$= 3{,}99\%$$

Lampiran 04. Analisis Data Bobot Tulang Tibia

Tabel 06. Data Bobot Tulang Tibia

Ulangan	Perlakuan								
	P0	P1	P2	P3	P4	P5	P6	P7	
1			21.90		21.70	19.90	18.20		
2	22.10	22.00	20.40	21.70	23.30	26.50	25.10	20.50	
3	21.60	21.80		22.30	26.40	23.40	21.00	25.40	
Jumlah	43.70	43.80	42.30	44.00	71.40	69.80	64.30	45.90	425.20
Rata-rata	21.85	21.90	21.15	22.00	23.80	23.27	21.43	22.95	

Sumber : Data Primer : Haryuni EPS, 2004

Perhitungan ANOVA

db Total = 18
db Perlakuan = 7
db Galat = 11

FK = $425{,}20^2/19$
= 180795,04/19 = 9515,53

JKT = $\{22{,}10^2 + 21{,}60^2 + \ldots. + 25{,}40^2\}$ - FK
= 9602,38 – 9515,53 = 86,85

JKP = $\{43{,}70^2/2 + 43{,}80^2/2 + \ldots. + 45{,}90^2/2\}$ – FK
= 9531,61 – 9515,53 = 16,08

JKG = JKT – JKP
= 86,85 – 16,08 = 70,77

KTP = JKP/dbP
= 16,08/7 = 2,30

KTG = JKG/dbG
= 70,77/11 = 6,43

Fhitung= KTP/KTG
= 2,30/6,43 = 0,36

Tabel Anova

Sumber Keragaman	db	JK	KT	FHitung	FTabel 5%
Perlakuan	7	16,08	2,30	$0{,}36^{ns}$	3,01
Galat	11	70,77	6,43		
Jumlah	18	86,85			

ns : non signifikan

$$\text{Koefisien Keragaman} = \frac{\sqrt{KTG}}{Rt} x100\%$$

$$= \frac{\sqrt{6{,}43}}{22{,}30} x100\%$$

$$= 11{,}38\%$$

Lampiran 05. Analisis Data Panjang Tulang Tibia

Tabel 07. Data Panjang Tulang Tibia

Ulangan	Perlakuan								
	P0	P1	P2	P3	P4	P5	P6	P7	
1			11.80		11.85	11.56	11.19		
2	11.61	11.94	11.47	11.95	12.37	12.54	12.36	11.14	
3	11.11	12.05		11.79	12.52	12.05	11.53	12.31	
Jumlah	22.72	23.99	23.27	23.74	36.74	36.15	35.08	23.45	225.14
Rata-rata	11.36	12.00	11.64	11.87	12.25	12.05	11.69	11.73	

Sumber : Data Primer : Haryuni EPS, 2004

Perhitungan ANOVA

db Total = 18
db Perlakuan = 7
db Galat = 11

FK = $225,14^2/19$
= $50688,02/19 = 2667,79$

JKT = $\{11,61^2 + 11,11^2 + \ldots. + 12,31^2\}$ - FK
= $2671,44 - 2667,79 = 3,65$

JKP = $\{22,72^2/2 + 23,99^2/2 + \ldots. + 23,45^2/2\}$ – FK
= $2669,1 - 2667,79 = 1,31$

JKG = JKT – JKP
= $3,65 - 1,31 = 2,34$

KTP = JKP/dbP
= $1,31/7 = 0,19$

KTG = JKG/dbG
= $2,34/11 = 0,21$

Fhitung= KTP/KTG
= $0,19/0,21 = 0,88$

Tabel Anova

Sumber Keragaman	Db	JK	KT	FHitung	FTabel 5%
Perlakuan	7	1,31	0,19	$0,88^{ns}$	3,01
Galat	11	2,34	0,21		
Jumlah	18	3,65			

ns : non signifikan

$$\text{Koefisien Keragaman} = \frac{\sqrt{KTG}}{Rt} x100\%$$

$$= \frac{\sqrt{0,21}}{11,69} x100\%$$

$$= 3,93\%$$

Lampiran 06. Analisis Data Diameter Tulang Tibia

Tabel 08. Data Diameter Tulang Tibia

Ulangan	Perlakuan								
	P0	P1	P2	P3	P4	P5	P6	P7	
1			0.69		0.66	0.65	0.60		
2	0.70	0.66	0.71	0.71	0.68	0.67	0.76	0.65	
3	0.70	0.65		0.71	0.78	0.71	0.68	0.76	
Jumlah	1.40	1.31	1.40	1.42	2.12	2.03	2.04	1.41	13.13
Rata-rata	0.70	0.66	0.70	0.71	0.71	0.68	0.68	0.71	

Sumber : Data Primer : Haryuni EPS, 2004

Perhitungan ANOVA

db Total = 18
db Perlakuan = 7
db Galat = 11

FK $= 13{,}13^2/19$
$= 172{,}4/19 = 9{,}0735$

JKT $= \{0{,}70^2 + 0{,}70^2 + \ldots + 0{,}76^2\} - FK$
$= 9{,}1085 - 9{,}0735 = 0{,}0350$

JKP $= \{1{,}40^2/2 + 1{,}31^2/2 + \ldots + 1{,}41^2/2\} - FK$
$= 9{,}0793 - 9{,}0735 = 0{,}0057$

JKG = JKT – JKP
$= 0{,}0350 - 0{,}0057 = 0{,}0293$

KTP = JKP/dbP
$= 0{,}0057/7 = 0{,}0008$

KTG = JKG/dbG
$= 0{,}0293/11 = 0{,}0027$

Fhitung= KTP/KTG
$= 0{,}0008/0{,}0027 = 0{,}3089$

Tabel Anova

Sumber Keragaman	Db	JK	KT	FHitung	FTabel 5%
Perlakuan	7	0,0057	0,0008	$0{,}3089^{ns}$	3,01
Galat	11	0,0293	0,0027		
Jumlah	18	0,0350			

ns : non signifikan

$$\text{Koefisien Keragaman} = \frac{\sqrt{KTG}}{Rt} x100\%$$
$$= \frac{\sqrt{0{,}0027}}{1{,}45} x100\%$$
$$= 3{,}59\%$$

Lampiran 07. Analisis Data Konsumsi Pakan Harian

Tabel 09. Data Konsumsi Pakan Harian

Ulangan	Perlakuan								
	P0	P1	P2	P3	P4	P5	P6	P7	
1			164.43		147.98	178.52	168.12		
2	171.98	180.88	150.19	137.55	158.02	174.19	167.86	165.02	
3	156.1	171.02		169.76	165.26	149.76	163.69	168.71	
Jumlah	328.08	351.90	314.62	307.31	471.26	502.48	499.67	333.74	3109.05
Rata-rata	164.04	161.80	157.37	153.69	157.09	167.49	166.56	166.87	

Sumber : Data Primer : Haryuni EPS, 2004

Perhitungan ANOVA

db Total = 18
db Perlakuan = 7
db Galat = 11

FK = $3109{,}06^2/19$
= $9656929{,}15/19 = 508747{,}88$

JKT = $\{171{,}98^2 + 156{,}10^2 + \ldots. + 168{,}71^2\}$ - FK
= $50996{,}12 - 508747{,}88 = 2248{,}24$

JKP = $\{328{,}08^2/2 + 351{,}90^2/2 + \ldots. + 333{,}73^2/2\}$ – FK
= $509550{,}49 - 508747{,}88 = 802{,}61$

JKG = JKT – JKP
= $2248{,}24 - 802{,}61 = 1445{,}63$

KTP = JKP/dbP
= $802{,}61/7 = 114{,}66$

KTG = JKG/dbG
= $1445{,}63/11 = 131{,}42$

Fhitung= KTP/KTG
= $114{,}66/131{,}42 = 0{,}87$

Tabel Anova

Sumber Keragaman	db	JK	KT	FHitung	FTabel 5%
Perlakuan	7	802,61	114,66	$0{,}87^{ns}$	3,01
Galat	11	1445,63	131,42		
Jumlah	18	2248,24			

ns : non signifikan

$$\text{Koefisien Keragaman} = \frac{\sqrt{KTG}}{Rt} x100\%$$

$$= \frac{\sqrt{131{,}42}}{163{,}63} x100\%$$

$$= 7{,}01\%$$

Lampiran 08. Analisis Data Konsumsi Minum Harian

Tabel 10. Data Konsumsi Minum Harian

Ulangan	Perlakuan								
	P0	P1	P2	P3	P4	P5	P6	P7	
1			429.79		367.74	442.41	471.05		
2	365.58	396.89	394.58	394.21	441.47	481.32	405.95	422.11	
3	492.47	450.11		451.42	311.84	414.21	465.74	526.61	
Jumlah	858.05	847.00	824.37	845.63	1121.05	1337.95	1342.74	948.72	8125.51
Rata-rata	429.03	423.50	412.19	422.82	373.68	445.98	447.58	459.36	

Sumber : Data Primer : Haryuni EPS, 2004

Perhitungan ANOVA

db Total = 18
db Perlakuan = 7
db Galat = 11

FK $= 8125{,}51^2/19$
$= 66023844.51/19 = 3474939{,}18$

JKT $= \{365{,}58^2 + 492{,}47^2 + \ldots. + 526{,}61^2\} - FK$
$= 3521326{,}20 - 3474939{,}18 = 46387{,}01$

JKP $= \{858{,}05^2/2 + 847{,}00^2/2 + \ldots. + 948.72^2/2\} - FK$
$= 3490802{,}50 - 3474939{,}18 = 15863{,}31$

JKG = JKT – JKP
$= 46387{,}02 - 15863{,}31 = 30523{,}70$

KTP = JKP/dbP
$= 15863{,}31/7 = 2266{,}19$

KTG = JKG/dbG
$= 30523{,}70/11 = 2774{,}88$

Fhitung = KTP/KTG
$= 2774{,}88/2266{,}19 = 0{,}82$

Tabel Anova

Sumber Keragaman	db	JK	KT	FHitung	FTabel 5%
Perlakuan	7	15863,31	2266,19	$0{,}82^{ns}$	3,01
Galat	11	30523,70	2774,88		
Jumlah	18	46387,01			

ns : non signifikan

$$\text{Koefisien Keragaman} = \frac{\sqrt{KTG}}{Rt} x100\%$$

$$= \frac{\sqrt{2774{,}88}}{427{,}66} x100\%$$

$$= 12{,}32\%$$

Lampiran 09. Analisis Data Bobot Badan Akhir

Tabel 11. Data Bobot Badan Akhir

Ulangan	Perlakuan								
	P0	P1	P2	P3	P4	P5	P6	P7	
1			2550.50		2407.50	2438.50	2299.50		
2	2571.50	2486.50	2279.50	2427.50	2574.50	2703.50	2624.50	2489.50	
3	2607.50	2419.50		2769.50	2579.50	2548.50	2537.50	2758.50	
Jumlah	5179.00	4906.00	4820.00	5197.00	7561.50	7690.50	7461.50	5248.00	48063.50
Rata-rata	2589.50	2453.00	2415.00	2598.50	2520.50	2563.50	2487.17	2624.00	

Sumber : Data Primer : Haryuni EPS, 2004

Perhitungan ANOVA

db Total = 18
db Perlakuan = 7
db Galat = 11

FK = $48063,50^2/19$
= $236257726032,25/19 = 121584212,22$

JKT = $\{2571,5^2 + 2607,5^2 + \ldots + 2758,5^2\}$ - FK
= $121961900,75 - 121584212,22 = 377688,53$

JKP = $\{5179^2/2 + 4906^2/2 + \ldots + 5248^2/2\} - FK$
= $121668146,58 - 121584212,22 = 83934,36$

JKG = JKT – JKP
= $377688,53 - 83934,36 = 293754,17$

KTP = JKP/dbP
= $83934,36/7 = 11990,62$

KTG = JKG/dbG
= $293754,17/11 = 26704,92$

Fhitung= KTP/KTG
= $11990,62/26704,92 = 0,45$

Tabel Anova

Sumber Keragaman	db	JK	KT	FHitung	FTabel 5%
Perlakuan	7	83934,36	11990,62	$0,45^{ns}$	3,01
Galat	11	293754,17	26704,92		
Jumlah	18	377688,53			

ns : non signifikan

$$\text{Koefisien Keragaman} = \frac{\sqrt{KTG}}{RataanUmum} x100\%$$

$$= \frac{\sqrt{26704,92}}{2529,66} x100\%$$

$$= 6,46\%$$

Lampiran 10. Data Suhu dan Kelembaban Harian

Tabel 12. Data Suhu dan Kelembaban Harian

	07.00		12.00		18.00	
Hari ke-	**Suhu**	**Kelembaban**	**Suhu**	**Kelembaban**	**Suhu**	**Kelembaban**
1	26	65	29	61	28	-
2	26	65	29.5	62	28	-
3	26	64	28	64	28	-
4	36	64	29	-	29	62
5	26	65	29	66	28.5	62.5
6	26	61	29	66	27	62
7	27	62	29	58	29	47
8	26	60.5	29	58.5	29	49
9	26	64	29	61	29	55
10	26	64	29	59	26	60
11	26	65	27	66	26	64
12	25	66	28	61	27	64
13	26	65	28	62	26	64
14	25	66	27	62	26	64
15	24	50	28	48	33	62
16	24	-	26	47	26.5	53
17	24	-	27	-	26	52
18	24	56	26.5	52	26	56
19	23.5	58	27.5	55	28	56
20	25	62	28	55	27	58
21	25	62	29	54	29	33
Rata2	**532.5/21 =25.35**	**1184.5/19 =62.34**	**591.5/21 =28.16**	**1117.5/19 =58.81**	**582/21 =27.71**	**1043.5/18 =57.97**