

Lampiran 01 Data dan Anova Konsumsi Pakan / Minggu

Tabel 02. Data Konsumsi Pakan (Gram)

Ulangan	Perlakuan		
	P0	P1	P2
1	968.03	975.60	945.93
2	770.53	1055.15	1180.73
3	939.48	923.85	995.50
4	832.80	923.10	810.03
5	950.20	866.63	-
6	968.28	873.18	-
Jumlah	5429.30	5527.50	3932.18
Rata - rata	904.88	921.25	983.04

HITUNGAN STATISTIK

$$\begin{aligned}
 \text{Derajat Bebas Total (DBT)} &= (6 + 6 + 4) - 1 = 15 \\
 \text{Derajat Bebas Perlakuan (DBP)} &= 3 - 1 = 2 \\
 \text{Derajat Bebas Galat (DBG)} &= (6 + 6 + 4) - 3 = 13 \\
 \text{Faktor Koreksi (FK)} &= (5429.30 + 5527.50 + 3932.18)^2 / 16 \\
 &= 13855098.53 \\
 \text{jumlah Kuadrat Total (JKT)} &= (968.03^2 + 770.53^2 + \dots + 810.03^2) - FK \\
 &= 163485.94 \\
 \text{Jumlah Kuadrat Perlakuan (JKP)} &= (5429.30^2 / 6 + 5527.50^2 / 6 + 3932.18^2 / 6) - FK \\
 &= 15493.98 \\
 \text{Jumlah Kuadrat Galat (JKG)} &= JKT - JKP \\
 &= 163485.94 - 15493.98 \\
 &= 147991.96 \\
 \text{Kuadrat Tengah Perlakuan (KTP)} &= JKP / 2 \\
 &= 15493.98 / 2 \\
 &= 7746.99 \\
 \text{Kuadrat Tengah Galat (KTG)} &= \frac{JKG}{DBG} = \frac{147991.96}{13} = 11383.997 \\
 \text{F Hitung} &= \frac{KTP}{KTG} = \frac{7746.99}{11383.997} = 0.681
 \end{aligned}$$

F_{tabel} 5 % = 3.81

Anova

Sumber keragaman	DB	JK	KT	F Hitung	F Tabel
Perlakuan	2	15493.98	7746.990	0.681 ^{tn}	3.81
Galat	13	147991.96	11383.997		
Total	15	163485.94			

tn = tidak nyata



Lampiran 02 Data dan Anova Berat Tulang Ekstremitas Posterior

Tabel 03. Data Berat Tulang Ekstremitas Posterior (Gram)

Ulangan	Perlakuan		
	P0	P1	P2
1	35.40	28.80	33.08
2	30.05	29.72	39.43
3	36.11	33.98	37.30
4	25.52	36.50	26.20
5	32.95	34.73	-
6	27.80	32.20	-
Jumlah	187.83	195.93	136.01
Rata - rata	31.31	32.66	34.00

HITUNGAN STATISTIK

$$\begin{aligned}
 \text{Derajat Bebas Total (DBT)} &= (6 + 6 + 4) - 1 = 15 \\
 \text{Derajat Bebas Perlakuan (DBP)} &= 3 - 1 = 2 \\
 \text{Derajat Bebas Galat (DBG)} &= (6 + 6 + 4) - 3 = 13 \\
 \text{Faktor Koreksi (FK)} &= (187.83 + 195.93 + 136.01)^2 / 16 \\
 &= 16885.05 \\
 \text{jumlah Kuadrat Total (JKT)} &= (35.4^2 + 30.05^2 + \dots + 26.2^2) - FK \\
 &= 254.22 \\
 \text{Jumlah Kuadrat Perlakuan (JKP)} &= (187.83^2/6 + 195.93^2/6 + 136.01^2/4) - FK \\
 &= 17.74 \\
 \text{Jumlah Kuadrat Galat (JKG)} &= JKT - JKP \\
 &= 254.22 - 17.74 \\
 &= 236.48 \\
 \text{Kuadrat Tengah Perlakuan (KTP)} &= JKP/2 \\
 &= 17.74 / 2 \\
 &= 8.87 \\
 \text{Kuadrat Tengah Galat (KTG)} &= \frac{JKG}{DBG} = \frac{236.48}{13} = 18.19 \\
 \text{F Hitung} &= \frac{KTP}{KTG} = \frac{8.87}{18.19} = 0.488
 \end{aligned}$$

F_{tabel} 5 % = 3.81

Anova

Sumber keragaman	DB	JK	KT	F Hitung	F Tabel
Perlakuan	2	17.74	8.87	0.488 ^{tn}	3.81
Galat	13	236.48	18.19		
Total	15	254.22			

tn = tidak nyata



Lampiran 03. Data dan Anova Berat Otot Ekstremitas Posterior

Tabel 04. Data Berat Otot Ekstremitas Posterior (Gram)

Ulangan	Perlakuan		
	PO	P1	P2
1	229,09	160,56	225,81
2	197,33	206,16	227,67
3	235,19	259,64	186,83
4	220,75	211,47	208,23
5	234,56	242,22	-
6	165,26	156,47	-
Jumlah	1282,18	1236,52	848,54
Rata - rata	213,69	206,09	212,14

HITUNGAN STATISTIK

$$\begin{aligned}
 \text{Derajat Bebas Total (DBT)} &= (6 + 6 + 4) - 1 = 15 \\
 \text{Derajat Bebas Perlakuan (DBP)} &= 3 - 1 = 2 \\
 \text{Derajat Bebas Galat (DBG)} &= (6 + 6 + 4) - 3 = 13 \\
 \text{Faktor Koreksi (FK)} &= (1282,18 + 1236,52 + 848,54)^2 / 16 \\
 &= 708644,08 \\
 \text{Jumlah Kuadrat Total (JKT)} &= (229,09^2 + 197,33^2 + \dots + 208,23^2) - FK \\
 &= 13807,74 \\
 \text{Jumlah Kuadrat Perlakuan (JKP)} &= (1282,18^2/6 + 1236,52^2/6 + 848,54^2/4) - FK \\
 &= 188,83 \\
 \text{Jumlah Kuadrat Galat (JKG)} &= JKT - JKP \\
 &= 13807,74 - 188,83 \\
 &= 13618,91 \\
 \text{Kuadrat Tengah Perlakuan (KTP)} &= JKP/2 \\
 &= 188,83 / 2 \\
 &= 94,417 \\
 \text{Kuadrat Tengah Galat (KTG)} &= \frac{JKG}{DBG} = \frac{13618,91}{13} = 1047,61 \\
 \text{F Hitung} &= \frac{KTP}{KTG} = \frac{94,417}{1047,609} = 0,090
 \end{aligned}$$

F_{tabel} 5 % = 3.81

Anova

Sumber keragaman	DB	JK	KT	F Hitung	F Tabel
Perlakuan	2	188,83	94,42	0,090 ^{tn}	3.81
Galat	13	13618,91	1047,61		
Total	15	13807,74			

tn = tidak nyata



Lampiran 04. Data dan Anova Ratio Otot – Tulang Ekstremitas Posterior

Tabel 05. Data Ratio Otot – Tulang Ekstremitas Posterior (Gram)

Ulangan	Perlakuan		
	P0	P1	P2
1	6.47	5.58	6.83
2	6.57	6.94	5.77
3	6.51	7.64	5.01
4	8.65	5.79	7.01
5	7.12	6.97	-
6	5.94	4.86	-
Jumlah	41.26	37.78	24.62
Rata - rata	6.87	6.29	

HITUNGAN STATISTIK

$$\begin{aligned}
 \text{Derajat Bebas Total (DBT)} &= (6 + 6 + 4) - 1 = 15 \\
 \text{Derajat Bebas Perlakuan (DBP)} &= 3 - 1 = 2 \\
 \text{Derajat Bebas Galat (DBG)} &= (6 + 6 + 4) - 3 = 13 \\
 \text{Faktor Koreksi (FK)} &= (41.26 + 37.78 + 24.62)^2 / 16 \\
 &= 671.59 \\
 \text{Jumlah Kuadrat Total (JKT)} &= (6.47^2 + 6.57^2 + \dots + 7.01^2) - FK \\
 &= 14.195 \\
 \text{Jumlah Kuadrat Perlakuan (JKP)} &= (41.26^2/6 + 37.78^2/6 + 24.62^2/4) - FK \\
 &= 1.568 \\
 \text{Jumlah Kuadrat Galat (JKG)} &= JKT - JKP \\
 &= 14.195 - 1.568 \\
 &= 12.627 \\
 \text{Kuadrat Tengah Perlakuan (KTP)} &= JKP/2 \\
 &= 1.568 / 2 \\
 &= 0.784 \\
 \text{Kuadrat Tengah Galat (KTG)} &= \frac{JKG}{DBG} = \frac{12.627}{13} = 0.971 \\
 \text{F Hitung} &= \frac{KTP}{KTG} = \frac{0.784}{0.971} = 0.807
 \end{aligned}$$

Ftabel 5 %

= 3.81

Anova

Sumber keragaman	DB	JK	KT	F Hitung	F Tabel
Perlakuan	2	1.568	0.784	0,807 ^{tn}	3.81
Galat	13	12.627	0.971		
Total	15	14.195			

tn = tidak nyata



Lampiran 05. Data dan Anova Bobot Badan Minggu I Perlakuan

Tabel 06. Data Bobot Badan Minggu I Perlakuan (Gram)

Ulangan	Perlakuan		
	P0	P1	P2
1	620.4	676.0	650.5
2	606.9	645.0	590.0
3	618.9	658.0	653.0
4	645.3	635.6	626.3
5	646.0	620.6	-
6	608.9	636.6	-
Jumlah	3746.4	3871.8	2519.8
Rata - rata	624.4	645.3	629.9

HITUNGAN STATISTIK

$$\begin{aligned}
 \text{Derajat Bebas Total (DBT)} &= (6 + 6 + 4) - 1 = 15 \\
 \text{Derajat Bebas Perlakuan (DBP)} &= 3 - 1 = 2 \\
 \text{Derajat Bebas Galat (DBG)} &= (6 + 6 + 4) - 3 = 13 \\
 \text{Faktor Koreksi (FK)} &= (3746.4 + 3871.8 + 2519.8)^2 / 16 \\
 &= 6423690.25 \\
 \text{Jumlah Kuadrat Total (JKT)} &= (620.4^2 + 606.9^2 + \dots + 626.3^2) - FK \\
 &= 7325.25 \\
 \text{Jumlah Kuadrat Perlakuan (JKP)} &= (3746.4^2/6 + 3871.8^2/6 + 2519.8^2/4) - FK \\
 &= 1382.46 \\
 \text{Jumlah Kuadrat Galat (JKG)} &= JKT - JKP \\
 &= 7325.25 - 1382.46 \\
 &= 5942.79 \\
 \text{Kuadrat Tengah Perlakuan (KTP)} &= JKP/2 \\
 &= 1382.46 / 2 \\
 &= 691.23 \\
 \text{Kuadrat Tengah Galat (KTG)} &= \frac{JKG}{DBG} = \frac{5942.79}{13} = 457.138 \\
 \text{F Hitung} &= \frac{KTP}{KTG} = \frac{691.230}{457.138} = 1.512
 \end{aligned}$$

F_{tabel 5 %} = 3.81

Anova

Sumber keragaman	DB	JK	KT	F Hitung	F Tabel
Perlakuan	2	1382.46	691.23	1.512 ^{tn}	3.81
Galat	13	5942.79	457.138		
Total	15	7325.25			

tn = tidak nyata



Lampiran 06. Data dan Anova Bobot Badan Minggu V Perlakuan

Tabel 07. Data Bobot Badan Minggu V Perlakuan (Gram)

Ulangan	Perlakuan		
	P0	P1	P2
1	2631.3	2592.1	2397.7
2	2110.0	2598.6	2131.6
3	2435.6	2405.4	2465.9
4	2513.9	2579.7	2318.6
5	2534.5	2046.6	-
6	2326.4	2185.0	-
Jumlah	14541.70	14407.4	9313.8
Rata - rata	2323.62	2401.23	2328.45

HITUNGAN STATISTIK

$$\begin{aligned}
 \text{Derajat Bebas Total (DBT)} &= (6 + 6 + 4) - 1 = 15 \\
 \text{Derajat Bebas Perlakuan (DBP)} &= 3 - 1 = 2 \\
 \text{Derajat Bebas Galat (DBG)} &= (6 + 6 + 4) - 3 = 13 \\
 \text{Faktor Koreksi (FK)} &= (14541 + 14407.4 + 9313.8)^2 / 16 \\
 &= 91503094.78 \\
 \text{Jumlah Kuadrat Total (JKT)} &= (2621.3^2 + 2110.0^2 + \dots + 2318.6^2) - FK \\
 &= 632441.49 \\
 \text{Jumlah Kuadrat Perlakuan (JKP)} &= (14521^2/6 + 14407.4^2/6 + 9313.8^2/4) - FK \\
 &= 22658.44 \\
 \text{Jumlah Kuadrat Galat (JKG)} &= \text{JKT} - \text{JKP} \\
 &= 532441.49 - 22658.44 \\
 &= 509783.05 \\
 \text{Kuadrat Tengah Perlakuan (KTP)} &= \text{JKP} / 2 \\
 &= 22658.44 / 2 \\
 &= 11329.221 \\
 \text{Kuadrat Tengah Galat (KTG)} &= \frac{\text{JKG}}{\text{DBG}} = \frac{509783.05}{13} = 39214.081 \\
 \text{F Hitung} &= \frac{\text{KTP}}{\text{KTG}} = \frac{11329.221}{39214.081} = 0.289
 \end{aligned}$$

F_{tabel} 5 % = 3.81

Anova

Sumber keragaman	DB	JK	KT	F Hitung	F Tabel
Perlakuan	2	2265.448	11329.221	0.289 ^{tn}	3.81
Galat	13	509783.05	32914.081		
Total	15	532441.49			

tn = tidak nyata

