

LAMPIRAN

Lampiran 15. Data Rerata dan Simpangan Baku Berat Badan Itik, Konsumsi Pakan, Konsumsi Pakan Kumulatif dan Konversi Pakan Itik Setiap Minggu Selama Penelitian pada Berbagai Perlakuan

Berat Badan Itik

Minggu	Perlakuan				
	P0	P1	P2	P3	P4
I	318,63 ± 39,15	374,91 ± 20,87	377,95 ± 37,38	382,48 ± 52,47	392,47 ± 43,25
II	586,12 ± 53,46	675,35 ± 30,40	696,57 ± 37,90	703,04 ± 64,66	725,13 ± 50,41
III	758,84 ± 65,82	883,00 ± 31,41	913,27 ± 45,51	928,88 ± 69,86	958,78 ± 52,19
IV	926,54 ± 68,74	1061,61 ± 45,48	1094,42 ± 49,97	1117,51 ± 66,56	1156,75 ± 54,22
V	1021,23 ± 93,08	1266,15 ± 100,78	1236,46 ± 50,11	1263,71 ± 78,12	1304,94 ± 65,45
VI	1120,49 ± 121,50	1292,58 ± 58,08	1304,58 ± 70,26	1330,59 ± 81,27	1370,62 ± 68,94

Konsumsi Pakan Itik

Minggu	Perlakuan				
	P0	P1	P2	P3	P4
I	359,8 ± 52,26	387,3 ± 61,95	405,4 ± 50,36	355,2 ± 45,01	378,1 ± 59,45
II	527,8 ± 57,39	588,2 ± 70,47	574,2 ± 54,77	589,6 ± 63,40	619,8 ± 39,35
III	771,3 ± 94,62	840,4 ± 77,60	852,5 ± 73,59	884,7 ± 74,20	878,2 ± 36,99
IV	1050,4 ± 21,76	1065,1 ± 75,92	1110,2 ± 43,88	1097,2 ± 85,06	1105,9 ± 68,20
V	1338,5 ± 40,23	1379,5 ± 86,26	1390,5 ± 33,94	1418,1 ± 30,04	1413,9 ± 46,50
VI	1419,7 ± 47,13	1486,1 ± 88,46	1465,3 ± 47,61	1523,5 ± 38,30	1494,6 ± 54,43

Konsumsi Pakan Kumulatif Itik

Minggu	Perlakuan				
	P0	P1	P2	P3	P4
I	359,8 ± 52,26	387,3 ± 61,95	405,4 ± 50,36	355,2 ± 45,01	378,1 ± 59,45
II	887,6 ± 64,39	975,5 ± 127,70	979,6 ± 99,96	944,8 ± 106,32	997,9 ± 72,19
III	1658,9 ± 146,94	1815,9 ± 202,12	1832,1 ± 145,08	1829,5 ± 165,18	1876,1 ± 93,58
IV	2709,3 ± 141,36	2881 ± 170,24	2942,3 ± 147,84	2926,7 ± 211,75	2982,0 ± 123,42
V	4047,8 ± 138,10	4360,5 ± 165,96	4332,8 ± 161,77	4344,8 ± 233,65	4395,9 ± 137,74
VI	5467,5 ± 158,24	5746,6 ± 208,87	5798,1 ± 208,07	5868,3 ± 236,11	5890,5 ± 150,08

Konversi Pakan Itik

Minggu	Perlakuan				
	P0	P1	P2	P3	P4
I	2,02 ± 0,007	1,66 ± 0,16	1,71 ± 0,3	1,47 ± 0,06	1,50 ± 0,11
II	1,99 ± 0,16	1,83 ± 0,21	1,76 ± 0,22	1,68 ± 0,08	1,71 ± 0,05
III	2,68 ± 0,26	2,45 ± 0,25	2,37 ± 0,39	2,32 ± 0,11	2,29 ± 0,08
IV	3,55 ± 0,28	3,13 ± 0,19	3,09 ± 0,34	2,99 ± 0,16	2,94 ± 0,13
V	4,61 ± 0,39	4,09 ± 0,30	4,00 ± 0,20	3,87 ± 0,17	3,78 ± 0,17
VI	5,68 ± 0,89	5,00 ± 0,32	4,99 ± 0,36	4,93 ± 0,20	4,79 ± 0,19

Lampiran 2. Analisis Statistik Pertambahan Berat Badan Itik (gram/ekor) Pada Minggu Pertama

HEADER DATA FOR: C:WKS4 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

	po	p1	p2	p3	p4
1	184.72	248.46	236.36	220.97	229.50
2	144.67	256.19	257.64	228.07	236.48
3	215.58	216.68	192.10	214.60	261.12
4	192.64	214.67	247.22	257.85	269.30
5	150.52	233.55	251.44	285.89	260.94

----- ANALYSIS OF VARIANCE -----

HEADER DATA FOR: C:WKS4 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

ONE-WAY ANOVA

GROUP	MEAN	N
1	177.626	5
2	233.910	5
3	236.952	5
4	241.476	5
5	251.468	5
GRAND MEAN	228.286	25

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
BETWEEN	16922.729	4	4230.682	6.802	1.260E-03
WITHIN	12439.086	20	621.954		
TOTAL	29361.815	24			

Uji Beda Nyata Terkecil 5% Pertambahan Berat Badan Itik (gram/ekor) pada Minggu Pertama

$$\begin{aligned} \text{BNT 5\%} &= t_{5\% (20)} \times \sqrt{\frac{2 \text{ KTS}}{n}} \\ &= 2,086 \times \sqrt{\frac{2 \cdot 621,954}{5}} \\ &= 32,90 \end{aligned}$$

Perlakuan \bar{x}	Perlakuan				BNT 5%
	x - P0	x - P1	x - P2	x - P3	
P4 251,468 ^a	73,84 *	17,56	14,52	9,99	32,90
P3 241,476 ^a	63,85 *	7,57	4,52		
P2 236,952 ^a	59,32 *	3,04			
P1 233,91 ^a	56,28 *				
P0 177,626 ^b					

Lampiran 3. Analisis Statistik Pertambahan Berat Badan
Itik (gram/ekor) Pada Minggu Kedua

HEADER DATA FOR: C:WKS5 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

	p0	p1	p2	p3	p4
1	295.58	336.57	355.90	296.53	321.57
2	255.14	338.34	314.28	326.96	348.36
3	277.84	286.42	292.92	312.44	313.74
4	290.54	284.29	330.86	357.56	320.82
5	218.35	256.60	299.15	309.33	358.80

----- ANALYSIS OF VARIANCE -----

HEADER DATA FOR: C:WKS5 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

ONE-WAY ANOVA

GROUP	MEAN	N
1	267.490	5
2	300.444	5
3	318.622	5
4	320.564	5
5	332.658	5
GRAND MEAN	307.956	25

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
BETWEEN	12884.207	4	3221.052	4.171	.0129
WITHIN	15444.251	20	772.213		
TOTAL	28328.457	24			

Uji Beda Nyata Terkecil 5% Pertambahan Berat Badan Itik (gram/ekor) pada Minggu Kedua

$$\begin{aligned}
 \text{BNT 5\%} &= t_{5\% (20)} \times \sqrt{\frac{2 \text{ KTS}}{n}} \\
 &= 2,086 \times \sqrt{\frac{2 \cdot 772,213}{5}} \\
 &= 36,66
 \end{aligned}$$

Perlakuan \bar{x}	Perlakuan				BNT 5%
	x - P0	x - P1	x - P2	x - P3	
P4 332,658 ^a	65,17 *	32,21	14,04	12,1	36,66
P3 320,564 ^a	53,07 *	20,12	1,94		
P2 318,622 ^a	51,13 *	18,18			
P1 300,444 ^{ab}	32,95				
P0 267,490 ^b					

Lampiran 4. Analisis Statistik Pertambahan Berat Badan
Itik (gram/ekor) Pada Minggu Ketiga

HEADER DATA FOR: C:WKS3 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

	p0	p1	p2	p3	p4
1	193.58	202.31	233.57	220.95	230.52
2	151.36	209.53	207.23	220.05	236.42
3	188.73	198.59	202.11	224.49	234.13
4	168.43	211.95	217.18	227.89	230.36
5	161.52	215.87	223.43	235.84	236.86

----- ANALYSIS OF VARIANCE -----

HEADER DATA FOR: C:WKS3 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

ONE-WAY ANOVA

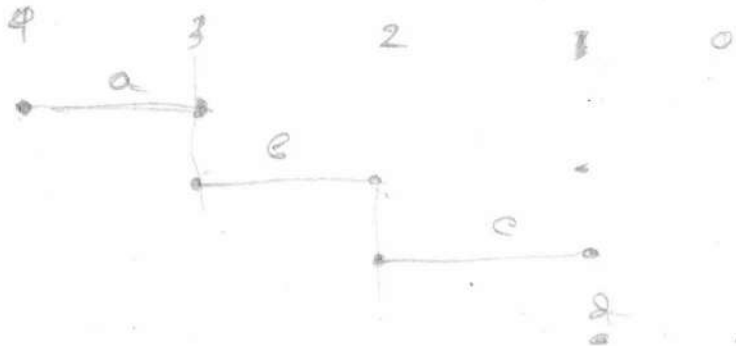
GROUP	MEAN	N
1	172.724	5
2	207.650	5
3	216.704	5
4	225.844	5
5	233.658	5
GRAND MEAN	211.316	25

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
BETWEEN	11210.202	4	2802.550	24.090	2.088E-07
WITHIN	2326.704	20	116.335		
TOTAL	13536.905	24			

Uji Beda Nyata Terkecil 5% Pertambahan Berat Badan Itik
(gram/ekor) pada Minggu Ketiga

$$\begin{aligned} \text{BNT 5\%} &= t_{5\% (20)} \times \sqrt{\frac{2 \text{ KTS}}{n}} \\ &= 2,086 \times \sqrt{\frac{2 \cdot 116,335}{5}} \\ &= 14,23 \end{aligned}$$

Perlakuan \bar{x}	Perlakuan				BNT 5%
	x - P0	x - P1	x - P2	x - P3	
P4 233,658 ^a	60,93 *	26,00 *	16,95 *	7,81	14,23
P3 225,844 ^{ab}	53,12 *	18,19 *	9,14		
P2 216,704 ^{bc}	43,98 *	9,05			
P1 207,650 ^c	34,93 *				
P0 172,724 ^d					



Lampiran 5. Analisis Statistik Pertambahan Berat Badan Itik (gram/ekor) Pada Minggu Keempat

HEADER DATA FOR: C:WKS2 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

	p0	p1	p2	p3	p4
1	172.71	187.85	194.07	200.76	199.46
2	131.16	185.62	178.07	186.08	196.09
3	166.52	141.44	174.07	183.41	192.08
4	132.74	197.40	165.41	173.40	196.75
5	135.39	180.74	194.09	199.49	205.45

----- ANALYSIS OF VARIANCE -----

HEADER DATA FOR: C:WKS2 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

ONE-WAY ANOVA

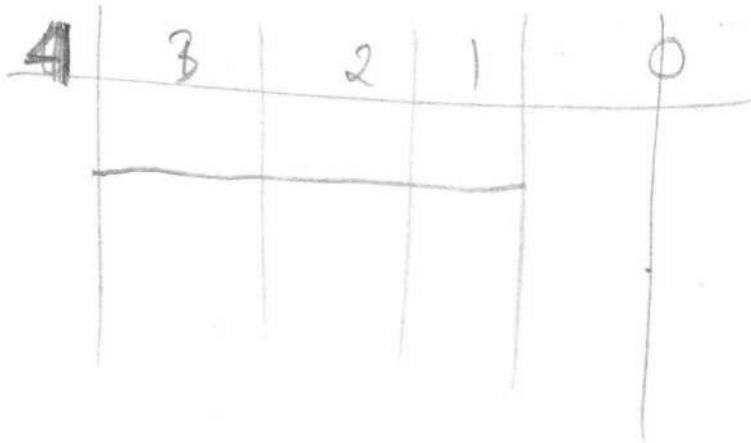
GROUP	MEAN	N
1	147.704	5
2	178.610	5
3	181.142	5
4	188.628	5
5	197.966	5
GRAND MEAN	178.810	25

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
BETWEEN	7182.035	4	1795.509	7.524	7.208E-04
WITHIN	4772.725	20	238.636		
TOTAL	11954.760	24			

Uji Beda Nyata Terkecil 5% Pertambahan Berat Badan Itik (gram/ekor) pada Minggu Keempat

$$\begin{aligned}
 \text{BNT 5\%} &= t_{5\% (20)} \times \sqrt{\frac{2 \text{ KTS}}{n}} \\
 &= 2,086 \times \sqrt{\frac{2 \cdot 238,636}{5}} \\
 &= 20,38
 \end{aligned}$$

Perlakuan \bar{x}	Perlakuan				BNT 5%
	x - P0	x - P1	x - P2	x - P3	
P4 197,966 a	50,26 *	19,36	16,82	9,34	20,38
P3 188,628 a	40,92 *	10,02	7,49		
P2 181,142 a	33,44 *	2,53			
P1 178,610 a	30,90 *				
P0 147,704 b					



Lampiran 6. Analisis Statistik Pertambahan Berat Badan Itik (gram/ekor) Pada Minggu Kelima

HEADER DATA FOR: C:WKS1 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

	p0	p1	p2	p3	p4
1	125.94	161.97	125.30	135.37	135.95
2	106.34	118.54	130.90	136.26	149.89
3	142.41	149.95	155.26	146.05	136.35
4	96.54	126.93	132.68	143.07	153.04
5	102.19	165.26	166.08	170.26	165.74

----- ANALYSIS OF VARIANCE -----

HEADER DATA FOR: C:WKS1 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

ONE-WAY ANOVA

GROUP	MEAN	N
1	114.684	5
2	144.530	5
3	142.044	5
4	146.202	5
5	148.194	5
GRAND MEAN	139.131	25

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
BETWEEN	3837.138	4	959.284	3.267	.0324
WITHIN	5872.699	20	293.635		
TOTAL	9709.837	24			

Uji Beda Nyata Terkecil 5% Pertambahan Berat Badan Itik
(gram/ekor) pada Minggu Kelima

$$\begin{aligned}
 \text{BNT 5\%} &= t_{5\% (20)} \times \sqrt{\frac{2 \text{ KTS}}{n}} \\
 &= 2,086 \times \sqrt{\frac{2 \cdot 293,63}{5}} \\
 &= 22,60
 \end{aligned}$$

Perlakuan \bar{x}	Perlakuan				BNT 5%
	x - P0	x - P1	x - P2	x - P3	
P4 148,194 ^a	33,51 *	6,15	3,66	1,99	22,60
P3 146,202 ^a	31,52 *	4,16	1,67		
P2 144,530 ^a	29,85 *	2,48			
P1 142,044 ^a	27,36 *				
P0 114,684 ^b					

Lampiran 7. Analisis Statistik Pertambahan Berat Badan
Itik (gram/ekor) Pada Minggu Keenam.

HEADER DATA FOR: C:WKS6 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

	po	p1	p2	p3	p4
1	148.03	103.46	85.37	55.99	63.58
2	121.79	112.40	22.43	73.16	63.45
3	109.42	67.49	64.08	69.58	63.16
4	94.64	70.29	72.24	65.84	65.33
5	22.42	78.54	96.46	69.82	72.84

----- ANALYSIS OF VARIANCE -----

HEADER DATA FOR: C:WKS6 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

ONE-WAY ANOVA

GROUP	MEAN	N
1	99.260	5
2	86.436	5
3	68.116	5
4	66.878	5
5	65.672	5
GRAND MEAN	77.272	25

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
BETWEEN	4469.393	4	1117.348	1.593	.2149
WITHIN	14024.763	20	701.238		
TOTAL	18494.156	24			

**Lampiran 8. Analisis Statistik Pertambahan Kumulatif
Berat Badan Itik Selama Penelitian**

HEADER DATA FOR: C:EDWU2 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

	p0	p1	p2	p3	p4
1	1120.56	1240.62	1230.57	1130.57	1180.58
2	910.46	1220.62	1110.55	1170.58	1230.69
3	1100.50	1060.57	1080.54	1150.57	1200.58
4	975.53	1105.53	1165.59	1225.61	1235.60
5	790.39	1130.56	1230.65	1270.63	1300.63

----- ANALYSIS OF VARIANCE -----

HEADER DATA FOR: C:EDWU2 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

ONE-WAY ANOVA

GROUP	MEAN	N
1	979.488	5
2	1151.580	5
3	1163.580	5
4	1189.592	5
5	1229.616	5
GRAND MEAN	1142.771	25

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
BETWEEN	184531.056	4	46132.764	6.643	1.430E
WITHIN	138881.403	20	6944.070		
TOTAL	323412.458	24			

Uji Beda Nyata Terkecil 5% Pertambahan Berat Badan Itik
(gram/ekor) Selama Penelitian

$$\begin{aligned}
 \text{BNT 5\%} &= t_{5\% (20)} \times \sqrt{\frac{2 \text{ KTS}}{n}} \\
 &= 2,086 \times \sqrt{\frac{2.6944,07}{5}} \\
 &= 109,94
 \end{aligned}$$

Perlakuan \bar{x}	Perlakuan				BNT 5%
	x - P0	x - P1	x - P2	x - P3	
P4 1229,62 ^a	250,13 *	78,04	66,04	40,02	109,94
P3 1189,59 ^a	210,10 *	38,01	26,01		
P2 1163,58 ^a	180,09 *	12,00			
P1 1151,58 ^a	172,092*				
P0 979,49 ^b					

**Lampiran 9. Analisis Statistik Konsumsi Kumulatif Pakan
Itik Selama Penelitian**

HEADER DATA FOR: C:EDWU3 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

	po	p1	p2	p3	p4
1	5300.50	6030.00	5659.50	5601.00	5718.00
2	5397.00	5602.00	5694.00	5758.00	5784.00
3	5671.00	5760.50	5989.00	6043.50	6008.00
4	5372.00	5495.00	5594.50	5759.50	6076.50
5	5597.00	5845.50	6053.50	6179.50	5866.00

----- ANALYSIS OF VARIANCE -----

HEADER DATA FOR: C:EDWU3 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

ONE-WAY ANOVA

GROUP	MEAN	N
1	5467.500	5
2	5746.600	5
3	5798.100	5
4	5868.300	5
5	5890.500	5
GRAND MEAN	5754.200	25

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
BETWEEN	578891.800	4	144722.950	3.804	.0186
WITHIN	760929.700	20	38046.485		
TOTAL	1339821.500	24			

Uji Beda Nyata Terkecil 5% Konsumsi Kumulatif Pakan Itik
(gram/ekor) Selama Penelitian

$$\begin{aligned} \text{BNT 5\%} &= t_{5\% (20)} \times \sqrt{\frac{2 \text{ KTS}}{n}} \\ &= 2,086 \times \sqrt{\frac{2 \cdot 38046,485}{5}} \\ &= 257,34 \end{aligned}$$

Perlakuan \bar{x}	Perlakuan				BNT 5%
	x - P0	x - P1	x - P2	x - P3	
P4 5890,5 ^a	423 *	143,90	92,40	22,2	257,34
P3 5868,3 ^a	400,80 *	121,70	70,20		
P2 5798,1 ^a	330,60 *	51,50			
P1 5746,6 ^a	279,10 *				
P0 5467,5 ^b					

**Lampiran 10. Analisis Statistik Konversi Pakan Itik
Selama Penelitian**

HEADER DATA FOR: C:EDWU5 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

	P0	P1	P2	P3	P4
1	4.73	4.86	4.59	4.95	4.84
2	5.93	4.58	5.12	4.91	4.69
3	5.15	5.43	5.54	5.25	5.00
4	5.50	4.97	4.79	4.69	4.91
5	7.08	5.17	4.91	4.86	4.51

----- ANALYSIS OF VARIANCE -----

HEADER DATA FOR: C:EDWU5 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 5

ONE-WAY ANOVA

GROUP	MEAN	N
1	5.678	5
2	5.002	5
3	4.990	5
4	4.932	5
5	4.790	5
GRAND MEAN	5.078	25

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
BETWEEN	2.389	4	.597	2.660	.0628
WITHIN	4.490	20	.224		
TOTAL	6.879	24			

Lampiran 11. Hubungan Antara Tingkat Pemberian Tepung Daun Beluntas (%) dengan Pertambahan Berat Badan (gram/ekor) Selama Penelitian.

HEADER DATA FOR: C:WULAN1 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 2

	Y	X
1	979.49	.00
2	1151.58	4.00
3	1163.58	8.00
4	1189.59	12.00
5	1229.62	16.00

----- REGRESSION ANALYSIS -----

HEADER DATA FOR: C:WULAN1 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 2

INDEX	NAME	MEAN	STD.DEV.
1	x	8.0000	6.3246
DEP. VAR.:	y	1142.7720	96.0548

DEPENDENT VARIABLE: y

VAR.	REGRESSION COEFFICIENT	STD. ERROR	T(DF= 3)	PROB.
x	13.4568	4.0653	3.310	.04539
CONSTANT	1035.1180			

STD. ERROR OF EST. = 51.4218

r SQUARED = .7851
r = .8860

ANALYSIS OF VARIANCE TABLE

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
REGRESSION	28973.4593	1	28973.4593	10.957	.0454
RESIDUAL	7932.6062	3	2644.2021		
TOTAL	36906.0655	4			

Lampiran 12. Hubungan Antara Tingkat Pemberian Tepung Daun Beluntas (%) dengan Konsumsi Pakan (gram/ekor) Selama Penelitian.

HEADER DATA FOR: C:WULAN3 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 2

	Y	X
1	5467.50	.00
2	5746.60	4.00
3	5798.10	8.00
4	5868.30	12.00
5	5890.50	16.00

----- REGRESSION ANALYSIS -----

HEADER DATA FOR: C:WULAN3 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 2

INDEX	NAME	MEAN	STD.DEV.
1	x	8.0000	6.3246
DEP. VAR.:	y	5754.2000	170.1311

DEPENDENT VARIABLE: y

VAR.	REGRESSION COEFFICIENT	STD. ERROR	T(DF= 3)	PROB.
x	24.1925	6.7906	3.563	.03775
CONSTANT	5560.6600			

STD. ERROR OF EST. = 85.8953

r SQUARED = .8088
r = .8993

ANALYSIS OF VARIANCE TABLE

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
REGRESSION	93644.3290	1	93644.3290	12.692	.0377
RESIDUAL	22134.0310	3	7378.0103		
TOTAL	115778.3600	4			

Lampiran 13. Hubungan Antara Tingkat Pemberian Tepung Daun Beluntas (%) dengan Konversi Pakan Selama Penelitian.

HEADER DATA FOR: C:WULAN5 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 2

	y	x
1	5.68	.00
2	5.00	4.00
3	4.99	8.00
4	4.93	12.00
5	4.79	16.00

----- REGRESSION ANALYSIS -----

HEADER DATA FOR: C:WULAN5 LABEL: EDY-WULAN
NUMBER OF CASES: 5 NUMBER OF VARIABLES: 2

INDEX	NAME	MEAN	STD.DEV.
1	x	8.0000	6.3246
DEP. VAR.:	y	5.0780	.3468

DEPENDENT VARIABLE: y

VAR.	REGRESSION COEFFICIENT	STD. ERROR	T (DF= 3)	PROB.
x	-.0463	.0170	-2.720	.07258
CONSTANT	5.4480			

STD. ERROR OF EST. = .2151

r SQUARED = .7114
r = -.8435

ANALYSIS OF VARIANCE TABLE

SOURCE	SUM OF SQUARES	D.F.	MEAN SQUARE	F RATIO	PROB.
REGRESSION	.3423	1	.3423	7.396	.0726
RESIDUAL	.1388	3	.0463		
TOTAL	.4811	4			

Lampiran 14. Perhitungan Persentase Peningkatan Berat Badan dan Konsumsi Pakan Selama Penelitian

Peningkatan pertambahan berat badan didapatkan pada perlakuan P1, P2, P3 dan P4, yaitu sebesar :

$$P1 = \frac{1151,58 - 979,49}{979,49} \times 100\% = 17,57\%$$

$$P2 = \frac{1163,58 - 979,49}{979,49} \times 100\% = 18,79\%$$

$$P3 = \frac{1189,59 - 979,49}{979,49} \times 100\% = 21,45\%$$

$$P4 = \frac{1229,62 - 979,49}{979,49} \times 100\% = 25,54\%$$

Peningkatan konsumsi pakan didapatkan pada perlakuan P1, P2, P3 dan P4, yaitu sebesar :

$$P1 = \frac{5746,6 - 5467,5}{5467,5} \times 100\% = 5,10\%$$

$$P2 = \frac{5798,1 - 5467,5}{5467,5} \times 100\% = 6,05\%$$

$$P3 = \frac{5868,3 - 5467,5}{5467,5} \times 100\% = 7,33\%$$

$$P4 = \frac{5890,5 - 5467,5}{5467,5} \times 100\% = 7,74\%$$

Lampiran 15. Cara Penghitungan

A. REGRESI LINIER

—> Model Regresi Linier = $\hat{y} = a + bx$

—> Koefisien Regresi Linier :

$$a = \frac{(\sum x^2)(\sum y) - (\sum x)(\sum xy)}{n(\sum x^2) - (\sum x)^2}$$

$$b = \frac{n(\sum xy) - (\sum x)(\sum y)}{n(\sum x^2) - (\sum x)^2}$$

—> Uji Keberartian dan Simpangan Model

$$JK \text{ Total} = \sum y^2$$

$$JK \text{ Koefisien} = \frac{(\sum y)^2}{n}$$

$$JK \text{ Regresi} = b \left\{ \sum xy - \frac{(\sum x)(\sum y)}{n} \right\}$$

$$JK \text{ Sisa} = JK \text{ Total} - JK \text{ Koefisien} - JK \text{ Regresi}$$

$$\left. \begin{array}{l} KT \text{ Regresi} = JK \text{ Regresi}/dk \\ KT \text{ Sisa} = JK \text{ Sisa}/dk \end{array} \right\} F \text{ hitung} = \frac{KT \text{ Regresi}}{KT \text{ Sisa}}$$

$$JK \text{ Galat} = \sum \left\{ xy^2 - \frac{(\sum y)^2}{n} \right\}$$

$$JK \text{ Tuna cocok} = JK \text{ Sisa} - JK \text{ galat}$$

$$\left. \begin{array}{l} KT \text{ Tuna cocok} = JK \text{ Tuna cocok}/dk \\ KT \text{ Galat} = JK \text{ Galat}/dk \end{array} \right\} F \text{ hitung} = \frac{KT \text{ Tuna c}}{KT \text{ Gal}}$$

Daftar Anova untuk Uji Keberartian dan Simpangan Model

SK	db	JK	KT	F hitung	F tabel	
					0,05	0,01
Total	n	JK Total	-			
Koefisien	1	JK Koefisien	-			
Regresi	1	JK Regresi	KT Regresi	$\frac{KT \text{ Regresi}}{KT \text{ Sisa}}$		
S i s a	n-2	JK Sisa	KT Sisa			
Tuna cocok	k-2	JK (TC)	KT (TC)	$\frac{KT (TC)}{KT (E)}$		
Galat	n-k	JK (E)	KT (E)			

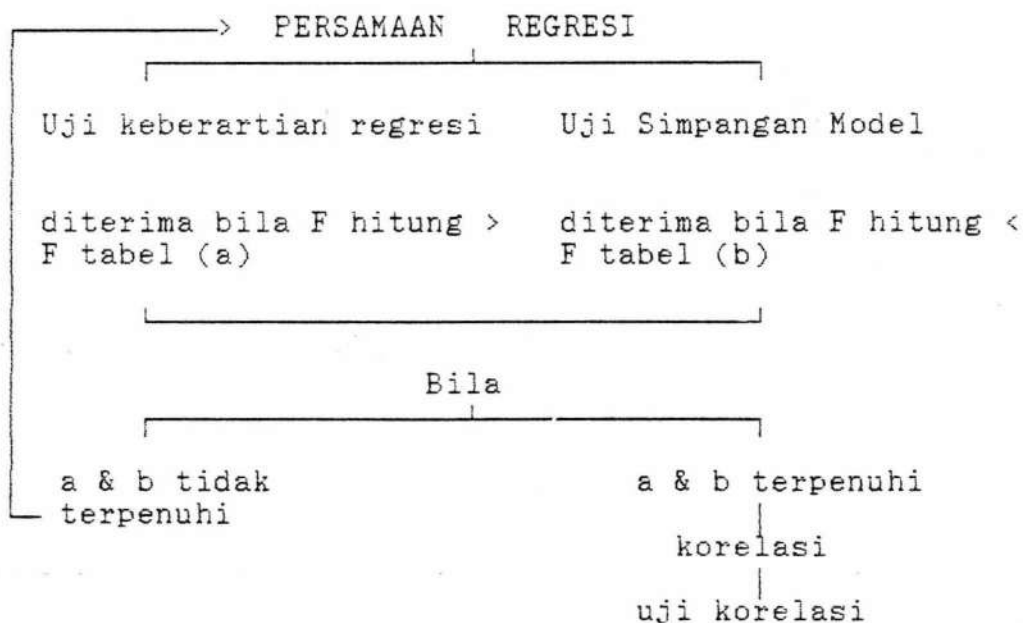
————> Koefisien Korelasi Linier :

<————> Koefisien Korelasi

$$r = \frac{n \sum xy - (\sum x) (\sum y)}{\sqrt{\{n (\sum x^2) - (\sum x)^2\} \{n (\sum y^2) - (\sum y)^2\}}}$$

<————> Uji Korelasi

$$t = \frac{r \sqrt{n - 2}}{\sqrt{1 - r^2}}$$



B. Sidik Ragam Rancangan Acak Lengkap

SK	db	JK	KT	F hitung	F tabel	
					0,05	0,01
Perlakuan	t-1	JKP	KTP	$\frac{KTP}{KTS}$		
Sisa	t(n-1)	JKS	KTS			
Total	tn-1					

Keterangan :

- SK = Sumber Keragaman
- db = Derajat Bebas
- JK = Jumlah Kuadrat
- KT = Kuadrat Tengah
- P = Perlakuan
- S = Sisa
- T = Total
- t = Perlakuan
- n = Ulangan

$$\begin{aligned}
 \text{FK} &= \text{Faktor Koreksi} = \frac{Y_{..}^2}{tn} = \frac{[\sum_{ij} Y_{ij}]^2}{tn} \\
 \text{JKT} &= \sum_{i=1}^t \sum_{j=1}^n Y_{ij}^2 - \text{FK} & \text{KTP} &= \frac{\text{JKP}}{t-1} \\
 \text{JKT} &= \sum_{i=1}^t \frac{Y_{i.}^2}{n} - \text{FK} & \text{KTS} &= \frac{\text{JKS}}{t(n-1)} \\
 \text{JKS} &= \text{JKT} - \text{JKP} & \text{F hitung} &= \frac{\text{KTP}}{\text{KTS}}
 \end{aligned}$$

C. BNT (Uji Beda Nyata Terkecil)

$$\text{BNT}(\alpha) = t(\alpha) (\text{d.b. sisa}) \times \sqrt{\frac{2 \text{KTS}}{n}}$$