

LAMPIRAN



Lampiran 01. Konsumsi pakan harian minggu ke-6

Tabel 02. Konsumsi pakan harian minggu ke-6 (gram).

Perlakuan/Ulangan	Konsumsi pakan	Rerata
P ₀ (0 ppm) 1	119,76	128,77 ^{ab}
2	137,78	
	$\Sigma = 257,54$	
P ₁ (500 ppm) 1	115,78	121,44 ^{ab}
2	124,46	
3	116,4	
4	129,11	
	$\Sigma = 485,75$	
P ₂ (1000 ppm) 1	117,6	131,12 ^{ab}
2	133,97	
3	136,45	
4	135,13	
5	132,43	
	$\Sigma = 655,58$	
P ₃ (1500 ppm) 1	119,84	113,74 ^a
2	121,87	
3	107,2	
4	106,03	
	$\Sigma = 454,94$	
P ₄ (2000 ppm) 1	157,46	156,96 ^b
2	156,47	
	$\Sigma = 313,93$	

Perhitungan anova konsumsi pakan

$$FK = \frac{Y_{..}^2}{\sum_{i=1}^n n_i} = \frac{2167,74^2}{17} = 276417,453$$

$$JKT = \sum_{ij} Y_{ij}^2 - FK = 279858,219 - 276417,453 = 3440,766$$

$$JKP = \sum_{i=1}^a \frac{Y_i^2}{n} - FK = \left(\frac{257,54^2}{2} + \frac{485,75^2}{4} + \frac{655,58^2}{5} + \frac{454,94^2}{4} + \frac{313,93^2}{2} \right) - 276417,453$$

$$= 279127,342 - 276417,453 = 2709,889$$

$$JKG = JKT - JKP = 3440,766 - 2709,889 = 730,877$$

$$db \text{ total} = \sum_{i=1}^a n_i - 1 = 16$$

$$db \text{ perlakuan } a - 1 = 4$$

$$db \text{ galat} = \sum_{i=1}^a n_i - a = 12$$

Tabel 03. Anova data konsumsi pakan

Sumber variansi	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	4	2709,889	677,472	11,123*	3,26
Galat	12	730,877	60,906		
Total	16	3440,766			

Uji Lanjut BNT

$$Po-P1 = 2,18 \times \sqrt{60,906 \left(\frac{1}{2} + \frac{1}{4} \right)}$$

$$= 14,74 \Rightarrow 7,33 < 14,74 \quad \text{tidak beda nyata}$$

$$Po-P2 = 2,18 \times \sqrt{60,906 \left(\frac{1}{2} + \frac{1}{5} \right)}$$

$$=14,24 \Rightarrow 2,35 < 14,24 \quad \text{tidak beda nyata}$$

$$P_0-P_3 = 2,18 \times \sqrt{60,906 \left(\frac{1}{2} + \frac{1}{4} \right)}$$

$$=14,74 \Rightarrow 15,03^* > 14,47 \quad \text{beda nyata}$$

$$P_0-P_4 = 2,18 \times \sqrt{60,906 \left(\frac{1}{2} + \frac{1}{2} \right)}$$

$$= 17,00 \Rightarrow 28,19^* > 17,00 \quad \text{beda nyata}$$

$$P_1-P_2 = 2,18 \times \sqrt{60,906 \left(\frac{1}{4} + \frac{1}{5} \right)}$$

$$= 11,42 \Rightarrow 9,68 < 11,42 \quad \text{tidak beda nyata}$$

$$P_1-P_3 = 2,18 \times \sqrt{60,906 \left(\frac{1}{4} + \frac{1}{4} \right)}$$

$$= 12,03 \Rightarrow 7,7 < 12,03 \quad \text{tidak beda nyata}$$

$$P_1-P_4 = 2,18 \times \sqrt{60,906 \left(\frac{1}{4} + \frac{1}{2} \right)}$$

$$= 14,74 \Rightarrow 35,52^* > 14,74 \quad \text{beda nyata}$$

$$P_2-P_3 = 2,18 \times \sqrt{60,906 \left(\frac{1}{5} + \frac{1}{4} \right)}$$

$$= 11,42 \Rightarrow 17,38^* > 11,42 \quad \text{beda nyata}$$

$$P_2-P_4 = 2,18 \times \sqrt{60,906 \left(\frac{1}{5} + \frac{1}{2} \right)}$$

$$= 14,24 \Rightarrow 25,84^* > 14,84 \quad \text{beda nyata}$$

$$P_3-P_4 = 2,18 \times \sqrt{60,906 \left(\frac{1}{4} + \frac{1}{2} \right)}$$

$$= 14,74 \Rightarrow 43,22^* > 14,74 \quad \text{beda nyata}$$

P_3^a	P_1^{ab}	P_0^b	P_2^b	P_4^c
113,74	121,44	128,77	131,12	156,96

Lampiran 02. Lemak Pakan Terkonsumsi

Lemak Pakan Terkonsumsi = Konsumsi pakan x kadar lemak pakan (5%)

Tabel 04. Lemak Pakan Terkonsumsi (gram)

Perlakuan/Ulangan	Lemak terkonsumsi	Rerata
P ₀ (0 ppm) 1	5,99	6,44 ^{ab}
2	6,89	
	$\Sigma = 12,88$	
P ₁ (500 ppm) 1	5,79	6,07 ^{ab}
2	6,22	
3	5,82	
4	6,46	
	$\Sigma = 24,29$	
P ₂ (1000 ppm) 1	5,88	6,56 ^{ab}
2	6,70	
3	6,82	
4	6,76	
5	6,62	
	$\Sigma = 32,78$	
P ₃ (1500 ppm) 1	5,99	5,69 ^a
2	6,09	
3	5,36	
4	5,30	
	$\Sigma = 22,74$	
P ₄ (2000 ppm) 1	7,87	7,85 ^b
2	7,82	
	$\Sigma = 15,69$	

Perhitungan anova lemak pakan terkonsumsi

$$FK = \frac{Y_{..}^2}{\sum_{i=1}^a n_i} = \frac{108,38^2}{17} = 690,954$$

$$JKT = \sum_{ij} Y_{ij}^2 - FK = 699,545 - 690,954 = 8,591$$

$$JKP = \sum_{i=1}^a \frac{Y_i^2}{n} - FK = \left(\frac{12,88^2}{2} + \frac{24,29^2}{4} + \frac{32,78^2}{5} + \frac{22,74^2}{4} + \frac{15,69^2}{2} \right) - 690,954$$

$$= 697,719 - 690,954 = 6,765$$

$$JKG = JKT - JKP = 8,591 - 6,765 = 1,826$$

$$db \text{ total} = \sum_{i=1}^a n_i - 1 = 16$$

$$db \text{ perlakuan } a - 1 = 4$$

$$db \text{ galat} = \sum_{i=1}^a n_i - a = 12$$

Tabel 05. Anova data konsumsi pakan

Sumber variansi	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	4	6,765	1,691	11,125*	3,26
Galat	12	1,826	0,152		
Total	16	8,591			

Uji Lanjut BNT

$$Po-P1 = 2,18 \times \sqrt{0,152 \left(\frac{1}{2} + \frac{1}{4} \right)}$$

$$= 0,74 \Rightarrow 0,37 < 0,74 \quad \text{tidak beda nyata}$$

$$Po-P2 = 2,18 \times \sqrt{0,152 \left(\frac{1}{2} + \frac{1}{5} \right)}$$

$$= 0,72 \Rightarrow 0,12 < 0,72 \quad \text{tidak beda nyata}$$

$$P_0-P_3 = 2,18 \times \sqrt{0,152 \left(\frac{1}{2} + \frac{1}{4} \right)}$$

$$= 0,74 \Rightarrow 0,75^* > 0,74 \quad \text{beda nyata}$$

$$P_0-P_4 = 2,18 \times \sqrt{0,152 \left(\frac{1}{2} + \frac{1}{2} \right)}$$

$$= 0,85 \Rightarrow 1,41^* > 0,85 \quad \text{beda nyata}$$

$$P_1-P_2 = 2,18 \times \sqrt{0,152 \left(\frac{1}{4} + \frac{1}{5} \right)}$$

$$= 0,57 \Rightarrow 0,49 < 0,57 \quad \text{tidak beda nyata}$$

$$P_1-P_3 = 2,18 \times \sqrt{0,152 \left(\frac{1}{4} + \frac{1}{4} \right)}$$

$$= 0,61 \Rightarrow 0,38 < 0,61 \quad \text{tidak beda nyata}$$

$$P_1-P_4 = 2,18 \times \sqrt{0,152 \left(\frac{1}{4} + \frac{1}{2} \right)}$$

$$= 0,74 \Rightarrow 1,78^* > 0,74 \quad \text{beda nyata}$$

$$P_2-P_3 = 2,18 \times \sqrt{0,152 \left(\frac{1}{5} + \frac{1}{4} \right)}$$

$$= 0,57 \Rightarrow 0,87^* > 0,57 \quad \text{beda nyata}$$

$$P_2-P_4 = 2,18 \times \sqrt{0,152 \left(\frac{1}{5} + \frac{1}{2} \right)}$$

$$= 0,72 \Rightarrow 1,29^* > 0,72 \quad \text{beda nyata}$$

$$P_3-P_4 = 2,18 \times \sqrt{0,152 \left(\frac{1}{4} + \frac{1}{2} \right)}$$

$$= 0,74 \Rightarrow 2,16^* > 0,74 \quad \text{beda nyata}$$

P_3^a	P_1^{ab}	P_0^b	P_2^b	P_4^c
5,69	6,07	6,44	6,56	7,85

Lampiran 03. Lemak Feces (gr)

Tabel 06. Lemak Feces (gr).

Perlakuan/Ulangan	Lemak feces	Rerata
P ₀ (0 ppm) 1 2	0,36 0,30 $\Sigma = 0,66$	0,33 ^b
P ₁ (500 ppm) 1 2 3 4	0,23 0,23 0,13 0,22 $\Sigma = 0,81$	0,20 ^a
P ₂ (1000 ppm) 1 2 3 4 5	0,16 0,19 0,20 0,27 0,27 $\Sigma = 1,09$	0,22 ^a
P ₃ (1500 ppm) 1 2 3 4	0,21 0,18 0,13 0,15 $\Sigma = 0,67$	0,17 ^a
P ₄ (2000 ppm) 1 2	0,19 0,30 $\Sigma = 0,49$	0,25 ^{ab}

Perhitungan anova lemak feces

$$FK = \frac{Y_{..}^2}{\sum_{i=1}^n n_i} = \frac{3,72^2}{17} = 0,8140$$

$$JKT = \sum_{ij} Y_{ij}^2 - FK = 0,8802 - 0,8140 = 0,0662$$

$$JKP = \sum_{i=1}^a \frac{Y_i^2}{n} - FK = \left(\frac{0,66^2}{2} + \frac{0,81^2}{4} + \frac{1,09^2}{5} + \frac{0,67^2}{4} + \frac{0,49^2}{2} \right) - 0,8140$$

$$= 0,8517 - 0,8140 = 0,0377$$

$$JKG = JKT - JKP = 0,0662 - 0,0377 = 0,0285$$

$$db \text{ total} = \sum_{i=1}^a n_i - 1 = 16$$

$$db \text{ perlakuan } a - 1 = 4$$

$$db \text{ galat} = \sum_{i=1}^a n_i - a = 12$$

Tabel 07. Anova data lemak feces

Sumber variansi	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	4	0,0377	0,00943	3,96*	3,26
Galat	12	0,0285	0,00238		
Total	16	0,0662			

Uji Lanjut BNT

$$Po-P1 = 2,18 \times \sqrt{0,00238 \left(\frac{1}{2} + \frac{1}{4} \right)}$$

$$= 0,092 \Rightarrow 0,13^* > 0,092 \quad \text{beda nyata}$$

$$Po-P2 = 2,18 \times \sqrt{0,00238 \left(\frac{1}{2} + \frac{1}{5} \right)}$$

$$= 0,089 \Rightarrow 0,11^* > 0,089 \quad \text{beda nyata}$$

$$P_0-P_3 = 2,18 \times \sqrt{0,00238 \left(\frac{1}{2} + \frac{1}{4} \right)}$$

$$= 0,092 \Rightarrow 0,16^* > 0,092 \quad \text{beda nyata}$$

$$P_0-P_4 = 2,18 \times \sqrt{0,00238 \left(\frac{1}{2} + \frac{1}{2} \right)}$$

$$= 0,11 \Rightarrow 0,08 < 0,11 \quad \text{tidak beda nyata}$$

$$P_1-P_2 = 2,18 \times \sqrt{0,00238 \left(\frac{1}{4} + \frac{1}{5} \right)}$$

$$= 0,072 \Rightarrow 0,02 < 0,072 \quad \text{tidak beda nyata}$$

$$P_1-P_3 = 2,18 \times \sqrt{0,00238 \left(\frac{1}{4} + \frac{1}{4} \right)}$$

$$= 0,076 \Rightarrow 0,03 < 0,076 \quad \text{tidak beda nyata}$$

$$P_1-P_4 = 2,18 \times \sqrt{0,00238 \left(\frac{1}{4} + \frac{1}{2} \right)}$$

$$= 0,092 \Rightarrow 0,05 < 0,092 \quad \text{tidak beda nyata}$$

$$P_2-P_3 = 2,18 \times \sqrt{0,00238 \left(\frac{1}{5} + \frac{1}{4} \right)}$$

$$= 0,072 \Rightarrow 0,05 < 0,072 \quad \text{tidak beda nyata}$$

$$P_2-P_4 = 2,18 \times \sqrt{0,00238 \left(\frac{1}{5} + \frac{1}{2} \right)}$$

$$= 0,089 \Rightarrow 0,03 < 0,089 \quad \text{tidak beda nyata}$$

$$P_3-P_4 = 2,18 \times \sqrt{0,00238 \left(\frac{1}{4} + \frac{1}{2} \right)}$$

$$= 0,092 \Rightarrow 0,08 < 0,092 \quad \text{tidak beda nyata}$$

P_3^a	P_1^a	P_2^a	P_4^{ab}	P_0^b
0,17	0,20	0,22	<u>0,25</u>	0,33

Lampiran 04. Lemak Terabsorpsi

Lemak terabsorpsi (gr) = Lemak pakan (gr) – Lemak feces (gr)

Tabel 08. Lemak terabsorpsi (gr)

Perlakuan/Ulangan	Lemak terabsorpsi	Rerata
P ₀ (0 ppm) 1 2	5,63 6,59 $\Sigma = 12,22$	6,11 ^{ab}
P ₁ (500 ppm) 1 2 3 4	5,56 5,99 5,69 6,24 $\Sigma = 23,48$	5,87 ^{ab}
P ₂ (1000 ppm) 1 2 3 4 5	5,72 6,51 6,62 6,49 6,35 $\Sigma = 31,69$	6,34 ^b
P ₃ (1500 ppm) 1 2 3 4	5,78 5,91 5,23 5,13 $\Sigma = 22,05$	5,51 ^a
P ₄ (2000 ppm) 1 2	7,68 7,52 $\Sigma = 15,2$	7,6 ^c

Perhitungan anova lemak terabsorpsi

$$FK = \frac{Y..^2}{\sum_{i=1}^n ni} = \frac{104,64^2}{17} = 644,090$$

$$JKT = \sum_{ij} Y_{ij}^2 - FK = 652,137 - 644,090 = 8,047$$

$$JKP = \sum_{i=1}^a \frac{Y_i^2}{n} - FK = \left(\frac{12,22^2}{2} + \frac{23,48^2}{4} + \frac{31,69^2}{5} + \frac{22,05^2}{4} + \frac{15,2^2}{2} \right) - 644,090$$

$$= 650,414 - 644,090 = 6,324$$

$$JKG = JKT - JKP = 8,047 - 6,324 = 1,723$$

$$db \text{ total} = \sum_{i=1}^a ni - 1 = 16$$

$$db \text{ perlakuan } a - 1 = 4$$

$$db \text{ galat} = \sum_{i=1}^a ni - a = 12$$

Tabel 09. Anova data lemak terabsorpsi

Sumber variansi	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	4	6,324	1,581	10,98*	3,26
Galat	12	1,723	0,144		
Total	16	8,047			

Uji Lanjut BNT

$$Po-P1 = 2,18 \times \sqrt{0,144 \left(\frac{1}{2} + \frac{1}{4} \right)}$$

$$= 0,72 \Rightarrow 0,24 < 0,72$$

tidak beda nyata

$$Po-P2 = 2,18 \times \sqrt{0,144 \left(\frac{1}{2} + \frac{1}{5} \right)}$$

$$= 0,70 \Rightarrow 0,23 < 0,70$$

tidak beda nyata

$$P_0-P_3 = 2,18 \times \sqrt{0,144 \left(\frac{1}{2} + \frac{1}{4} \right)}$$

$$= 0,72 \Rightarrow 0,6 < 0,72 \quad \text{tidak beda nyata}$$

$$P_0-P_4 = 2,18 \times \sqrt{0,144 \left(\frac{1}{2} + \frac{1}{2} \right)}$$

$$= 0,83 \Rightarrow 1,49^* > 0,83 \quad \text{beda nyata}$$

$$P_1-P_2 = 2,18 \times \sqrt{0,144 \left(\frac{1}{4} + \frac{1}{5} \right)}$$

$$= 0,55 \Rightarrow 0,47 < 0,55 \quad \text{tidak beda nyata}$$

$$P_1-P_3 = 2,18 \times \sqrt{0,144 \left(\frac{1}{4} + \frac{1}{4} \right)}$$

$$= 0,59 \Rightarrow 0,36 < 0,59 \quad \text{tidak beda nyata}$$

$$P_1-P_4 = 2,18 \times \sqrt{0,144 \left(\frac{1}{4} + \frac{1}{2} \right)}$$

$$= 0,72 \Rightarrow 1,73 < 0,72 \quad \text{beda nyata}$$

$$P_2-P_3 = 2,18 \times \sqrt{0,144 \left(\frac{1}{5} + \frac{1}{4} \right)}$$

$$= 0,55 \Rightarrow 0,83^* > 0,55 \quad \text{beda nyata}$$

$$P_2-P_4 = 2,18 \times \sqrt{0,144 \left(\frac{1}{5} + \frac{1}{2} \right)}$$

$$= 0,70 \Rightarrow 1,26^* > 0,70 \quad \text{beda nyata}$$

$$P_3-P_4 = 2,18 \times \sqrt{0,144 \left(\frac{1}{4} + \frac{1}{2} \right)}$$

$$= 0,72 \Rightarrow 2,09^* > 0,72 \quad \text{beda nyata}$$

P_3^a	P_1^{ab}	P_0^{ab}	P_2^b	P_4^c
5,51	5,87	6,11	6,34	7,6

Lampiran 05. Konsumsi minum

Tabel 10. Konsumsi minum harian (ml).

Perlakuan/Ulangan	Konsumsi minum	Rerata
P ₀ (0 ppm) 1 2	250,56	258,96
	267,36	
	$\Sigma = 517,92$	
P ₁ (500 ppm) 1 2 3 4	234,7	265,78
	241,26	
	269,76	
	317,4	
	$\Sigma = 1063,12$	
P ₂ (1000 ppm) 1 2 3 4 5	198,36	236,30
	242,7	
	260,73	
	237,76	
	241,96	
	$\Sigma = 1181,51$	
P ₃ (1500 ppm) 1 2 3 4	253,2	226,36
	198,7	
	241	
	212,56	
	$\Sigma = 905,46$	
P ₄ (2000 ppm) 1 2	247,13	244,98
	242,83	
	$\Sigma = 489,96$	

Perhitungan anova konsumsi minum

$$FK = \frac{Y_{..}^2}{\sum_{i=1}^n n_i} = \frac{4157,97^2}{17} = 1016983,207$$

$$JKT = \sum_{ij} Y_{ij}^2 - FK = 1029264,28 - 1016983,207 = 12281,0725$$

$$JKP = \sum_{i=1}^a \frac{Y_i^2}{n} - FK = \left(\frac{517,92^2}{2} + \frac{1063,12^2}{4} + \frac{1181,51^2}{5} + \frac{905,46^2}{4} + \frac{489,96^2}{2} \right) -$$

$$1016983,207$$

$$= 1020864,627 - 1016983,207 = 3881,41$$

$$JKG = JKT - JKP = 12281,0725 - 3881,4195 = 8399,65$$

$$db \text{ total} = \sum_{i=1}^a n_i - 1 = 16$$

$$db \text{ perlakuan } a - 1 = 4$$

$$db \text{ galat} = \sum_{i=1}^a n_i - a = 12$$

Tabel 11. Anova data konsumsi minum

Sumber variansi	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	4	3881,41	970,35	1,38	3,26
Galat	12	8399,65	699,97		
Total	16	12281,07			

Lampiran 06. Bobot badan akhir ayam umur 6 minggu (gram)

Tabel 12. Bobot badan akhir ayam umur 6 minggu (gram).

Perlakuan/Ulangan	Bobot badan	Rerata
P ₀ (0 ppm) 1 2	1520 1730 $\Sigma = 3250$	1625 ^{ab}
P ₁ (500 ppm) 1 2 3 4	1660 1670 1543,3 1547 $\Sigma = 6420,3$	1605,08 ^{ab}
P ₂ (1000 ppm) 1 2 3 4 5	1422,5 1777,5 1750 1760 1585 $\Sigma = 8295$	1659 ^b
P ₃ (1500 ppm) 1 2 3 4	1412,5 1580 1390 1320 $\Sigma = 5702,5$	1425,63 ^a
P ₄ (2000 ppm) 1 2	1780 1843,5 $\Sigma = 3623,5$	1811,75 ^b

Perhitungan Anova bobot badan akhir ayam (umur 6 minggu)

$$FK = \frac{y..^2}{\sum_{i=1}^n ni} = \frac{(27291,3)^2}{17} = 43812650,33$$

$$\begin{aligned} JKT &= \sum_{ij} Y_{ij}^2 - FK \\ &= \{(1520)^2 + \dots + (1843,5)^2\} - 43812650,33 \\ &= 44211069,85 - 43812650,33 \\ &= 398419,58 \end{aligned}$$

$$\begin{aligned} JKP &= \sum_{i=1}^a \frac{Y_i^2}{n} - FK \\ &= \left\{ \frac{(3250)^2}{2} + \frac{(6420,3)^2}{4} + \frac{(8295)^2}{5} + \frac{(5702,5)^2}{4} + \frac{(3623,5)^2}{2} \right\} - \\ &\quad 43812650,33 \\ &= 44042220,7 - 43812650,33 \\ &= 229570,38 \end{aligned}$$

$$\begin{aligned} JKG &= JKT - JKP \\ &= 398419,58 - 229570,38 \\ &= 168849,18 \end{aligned}$$

$$\text{db total} = \sum_{i=1}^a ni - 1 = 16$$

$$\text{db perlakuan} = a - 1 = 5 - 1 = 4$$

$$\text{db galat} = \sum_{i=1}^a ni - a = 17 - 5 = 12$$

Tabel 11. Anova

Sumber variansi	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	4	229570,38	57392,595	4,08*	3,26
Galat	12	168849,18	14070,765		
Total	16	21,5866			

Uji Lanjut BNT

$$P_0-P_1 = 2,18 \times \sqrt{14070,77 \left(\frac{1}{2} + \frac{1}{4} \right)}$$

$$= 223,95 \Rightarrow 19,92 < 223,95 \quad \text{tidak beda nyata}$$

$$P_0-P_2 = 2,18 \times \sqrt{014070,77 \left(\frac{1}{2} + \frac{1}{5} \right)}$$

$$= 216,34 \Rightarrow 34 < 216,34 \quad \text{tidak beda nyata}$$

$$P_0-P_3 = 2,18 \times \sqrt{014070,77 \left(\frac{1}{2} + \frac{1}{4} \right)}$$

$$= 223,95 \Rightarrow 19,92 < 223,95 \quad \text{tidak beda nyata}$$

$$P_0-P_4 = 2,18 \times \sqrt{014070,77 \left(\frac{1}{2} + \frac{1}{2} \right)}$$

$$= 258,59 \Rightarrow 186,75 < 258,59 \quad \text{tidak beda nyata}$$

$$P_1-P_2 = 2,18 \times \sqrt{14070,77 \left(\frac{1}{4} + \frac{1}{5} \right)}$$

$$= 173,46 \Rightarrow 53,92 < 173,46 \quad \text{tidak beda nyata}$$

$$P_1-P_3 = 2,18 \times \sqrt{14070,77 \left(\frac{1}{4} + \frac{1}{4} \right)}$$

$$= 182,86 \Rightarrow 179,45 < 182,86 \quad \text{tidak beda nyata}$$

$$P_1-P_4 = 2,18 \times \sqrt{14070,77 \left(\frac{1}{4} + \frac{1}{2} \right)}$$

$$= 223,95 \Rightarrow 19,92 < 223,95 \quad \text{tidak beda nyata}$$

$$P_2-P_3 = 2,18 \times \sqrt{14070,77 \left(\frac{1}{5} + \frac{1}{4} \right)}$$

$$= 173,46 \Rightarrow 233,37 > 173,46 \quad \text{beda nyata}$$

$$P_2-P_4 = 2,18 \times \sqrt{14070,77 \left(\frac{1}{5} + \frac{1}{2} \right)}$$

$$= 216,34 \Rightarrow 152,75 < 216,34 \quad \text{tidak beda nyata}$$

$$P3-P4 = 2,18 \times \sqrt{14070,77 \left(\frac{1}{4} + \frac{1}{2} \right)}$$

$$= 223,95 \Rightarrow 386,63 > 223,95 \text{ beda nyata}$$

P3	P1	P0	P2	P4
1425,63 ^a	1605,08 ^{ab}	1625 ^{ab}	1659 ^b	1811,75 ^b

