

## DAFTAR PUSTAKA

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## LAMPIRAN

### Lampiran 1. Hasil Uji Analisis SPSS

#### 1. Diameter Telur

##### Descriptive Statistics

Dependent Variable: nilai

perlakuan	Mean	Std. Deviation	N
1.00	2.6100	.04583	3
2.00	2.7067	.02517	3
3.00	2.7633	.01528	3
4.00	2.8633	.06658	3
Total	2.7358	.10264	12

##### Tests of Between-Subjects Effects

Dependent Variable: nilai

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.101 <sup>a</sup>	3	.034	18.215	.001
Intercept	89.817	1	89.817	48549.950	.000
perlakuan	.101	3	.034	18.215	.001
Error	.015	8	.002		
Total	89.933	12			
Corrected Total	.116	11			

a. R Squared = .872 (Adjusted R Squared = .824)

##### perlakuan

Dependent Variable: nilai

perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1.00	2.610	.025	2.553	2.667
2.00	2.707	.025	2.649	2.764
3.00	2.763	.025	2.706	2.821
4.00	2.863	.025	2.806	2.921

##### Multiple Comparisons

Dependent Variable: nilai

Tukey HSD

(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1.00	2.00	-.0967	.03512	.094	-.2091	.0158
	3.00	-.1533 <sup>*</sup>	.03512	.010	-.2658	-.0409
	4.00	-.2533 <sup>*</sup>	.03512	.000	-.3658	-.1409

2.00	1.00	.0967	.03512	.094	-.0158	.2091
	3.00	-.0567	.03512	.423	-.1691	.0558
	4.00	-.1567*	.03512	.009	-.2691	-.0442
3.00	1.00	.1533*	.03512	.010	.0409	.2658
	2.00	.0567	.03512	.423	-.0558	.1691
	4.00	-.1000	.03512	.083	-.2125	.0125
4.00	1.00	.2533*	.03512	.000	.1409	.3658
	2.00	.1567*	.03512	.009	.0442	.2691
	3.00	.1000	.03512	.083	-.0125	.2125

Based on observed means.

The error term is Mean Square(Error) = .002.

\*. The mean difference is significant at the .05 level.

### nilai

Tukey HSD<sup>a,b</sup>

perlakuan	N	Subset		
		1	2	3
1.00	3	2.6100		
2.00	3	2.7067	2.7067	
3.00	3		2.7633	2.7633
4.00	3			2.8633
Sig.		.094	.423	.083

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .002.

a. Uses Harmonic Mean Sample Size = 3.000.

b. Alpha = .05.

## 2. Fekunditas Telur

### Descriptive Statistics

Dependent Variable: nilai

perlakuan	Mean	Std. Deviation	N
1.00	1353.0000	66.50564	3
2.00	1767.0000	45.13314	3
3.00	2408.0000	18.08314	3
4.00	3219.3333	37.16629	3
Total	2186.8333	737.06196	12

### Tests of Between-Subjects Effects

Dependent Variable: nilai

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	5959527.000 <sup>a</sup>	3	1986509.000	972.785	.000
Intercept	57386880.333	1	57386880.333	28102.125	.000
perlakuan	5959527.000	3	1986509.000	972.785	.000
Error	16336.667	8	2042.083		
Total	63362744.000	12			
Corrected Total	5975863.667	11			

a. R Squared = .997 (Adjusted R Squared = .996)

### perlakuan

Dependent Variable: nilai

perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1.00	1353.000	26.090	1292.836	1413.164
2.00	1767.000	26.090	1706.836	1827.164
3.00	2408.000	26.090	2347.836	2468.164
4.00	3219.333	26.090	3159.169	3279.497

### Multiple Comparisons

Dependent Variable: nilai

Tukey HSD

(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1.00	2.00	-414.0000 <sup>*</sup>	36.89700	.000	-532.1572	-295.8428
	3.00	-1055.0000 <sup>*</sup>	36.89700	.000	-1173.1572	-936.8428
	4.00	-1866.3333 <sup>*</sup>	36.89700	.000	-1984.4905	-1748.1761
2.00	1.00	414.0000 <sup>*</sup>	36.89700	.000	295.8428	532.1572
	3.00	-641.0000 <sup>*</sup>	36.89700	.000	-759.1572	-522.8428
	4.00	-1452.3333 <sup>*</sup>	36.89700	.000	-1570.4905	-1334.1761
3.00	1.00	1055.0000 <sup>*</sup>	36.89700	.000	936.8428	1173.1572
	2.00	641.0000 <sup>*</sup>	36.89700	.000	522.8428	759.1572
	4.00	-811.3333 <sup>*</sup>	36.89700	.000	-929.4905	-693.1761
4.00	1.00	1866.3333 <sup>*</sup>	36.89700	.000	1748.1761	1984.4905
	2.00	1452.3333 <sup>*</sup>	36.89700	.000	1334.1761	1570.4905
	3.00	811.3333 <sup>*</sup>	36.89700	.000	693.1761	929.4905

Based on observed means.

The error term is Mean Square(Error) = 2042.083.

\*. The mean difference is significant at the .05 level.

**nilai**

Tukey HSD<sup>a,b</sup>

perlakuan	N	Subset			
		1	2	3	4
1.00	3	1353.0000			
2.00	3		1767.0000		
3.00	3			2408.0000	
4.00	3				3219.3333
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 2042.083.

a. Uses Harmonic Mean Sample Size = 3.000.

b. Alpha = .05.

**3. Derajat Tetas Telur**

**Descriptive Statistics**

Dependent Variable: nilai

perlakuan	Mean	Std. Deviation	N
1.00	71.6333	2.70062	3
2.00	80.9667	1.49778	3
3.00	88.7667	1.35769	3
4.00	98.7533	.40415	3
Total	85.0300	10.52231	12

**Tests of Between-Subjects Effects**

Dependent Variable: nilai

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	1194.822 <sup>a</sup>	3	398.274	138.010	.000
Intercept	86761.211	1	86761.211	30064.526	.000
perlakuan	1194.822	3	398.274	138.010	.000
Error	23.087	8	2.886		
Total	87979.119	12			
Corrected Total	1217.908	11			

a. R Squared = .981 (Adjusted R Squared = .974)

**Perlakuan**

Dependent Variable: nilai

perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1.00	71.633	.981	69.372	73.895

2.00	80.967	.981	78.705	83.228
3.00	88.767	.981	86.505	91.028
4.00	98.753	.981	96.492	101.015

**Multiple Comparisons**

Dependent Variable: nilai

Tukey HSD

(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1.00	2.00	-9.3333*	1.38704	.001	-13.7751	-4.8915
	3.00	-17.1333*	1.38704	.000	-21.5751	-12.6915
	4.00	-27.1200*	1.38704	.000	-31.5618	-22.6782
2.00	1.00	9.3333*	1.38704	.001	4.8915	13.7751
	3.00	-7.8000*	1.38704	.002	-12.2418	-3.3582
	4.00	-17.7867*	1.38704	.000	-22.2285	-13.3449
3.00	1.00	17.1333*	1.38704	.000	12.6915	21.5751
	2.00	7.8000*	1.38704	.002	3.3582	12.2418
	4.00	-9.9867*	1.38704	.000	-14.4285	-5.5449
4.00	1.00	27.1200*	1.38704	.000	22.6782	31.5618
	2.00	17.7867*	1.38704	.000	13.3449	22.2285
	3.00	9.9867*	1.38704	.000	5.5449	14.4285

Based on observed means.

The error term is Mean Square(Error) = 2.886.

\*. The mean difference is significant at the .05 level.

**Nilai**

Tukey HSD<sup>a,b</sup>

perlakuan	N	Subset			
		1	2	3	4
1.00	3	71.6333			
2.00	3		80.9667		
3.00	3			88.7667	
4.00	3				98.7533
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 2.886.

a. Uses Harmonic Mean Sample Size = 3.000.

b. Alpha = .05.

#### 4. Sintasan

##### Descriptive Statistics

Dependent Variable: nilai

perlakuan	Mean	Std. Deviation	N
1.00	70.3423	1.38849	3
2.00	74.1900	1.85825	3
3.00	85.8433	1.77021	3
4.00	96.2667	1.17189	3
Total	81.6606	10.71962	12

##### Tests of Between-Subjects Effects

Dependent Variable: nilai

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	1244.236 <sup>a</sup>	3	414.745	167.778	.000
Intercept	80021.410	1	80021.410	32371.209	.000
perlakuan	1244.236	3	414.745	167.778	.000
Error	19.776	8	2.472		
Total	81285.423	12			
Corrected Total	1264.012	11			

a. R Squared = .984 (Adjusted R Squared = .978)

##### Perlakuan

Dependent Variable: nilai

perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1.00	70.342	.908	68.249	72.436
2.00	74.190	.908	72.097	76.283
3.00	85.843	.908	83.750	87.937
4.00	96.267	.908	94.173	98.360

##### Multiple Comparisons

Dependent Variable: nilai

Tukey HSD

(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1.00	2.00	-3.8477	1.28374	.067	-7.9587	.2633
	3.00	-15.5010 <sup>*</sup>	1.28374	.000	-19.6120	-11.3900
	4.00	-25.9243 <sup>*</sup>	1.28374	.000	-30.0353	-21.8133
2.00	1.00	3.8477	1.28374	.067	-.2633	7.9587
	3.00	-11.6533 <sup>*</sup>	1.28374	.000	-15.7643	-7.5423
	4.00	-22.0767 <sup>*</sup>	1.28374	.000	-26.1877	-17.9657
3.00	1.00	15.5010 <sup>*</sup>	1.28374	.000	11.3900	19.6120

	2.00	11.6533*	1.28374	.000	7.5423	15.7643
	4.00	-10.4233*	1.28374	.000	-14.5343	-6.3123
4.00	1.00	25.9243*	1.28374	.000	21.8133	30.0353
	2.00	22.0767*	1.28374	.000	17.9657	26.1877
	3.00	10.4233*	1.28374	.000	6.3123	14.5343

Based on observed means.

The error term is Mean Square(Error) = 2.472.

\*. The mean difference is significant at the .05 level.

**Nilai**

Tukey HSD<sup>a,b</sup>

perlakuan	N	Subset		
		1	2	3
1.00	3	70.3423		
2.00	3	74.1900		
3.00	3		85.8433	
4.00	3			96.2667
Sig.		.067	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 2.472.

a. Uses Harmonic Mean Sample Size = 3.000.

b. Alpha = .05.