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LAMPIRAN

DATA PENELITIAN

Pokok Sampel 1	Tinggi Tanaman	Diameter Batang	Panjang Pelepah
1	130 cm	41,4cm	250 cm
2	138 cm	43,9cm	245 cm
3	135 cm	42,9cm	250 cm
4	130 cm	41,4cm	235 cm
5	145 cm	46,1cm	245 cm
6	142 cm	45,2cm	230 cm
7	136 cm	43,3cm	230 cm
8	140 cm	44,5cm	250 cm
9	135 cm	42,9cm	248 cm
10	138 cm	43,9cm	240 cm
11	140 cm	44,5cm	250 cm
12	135 cm	42,9cm	235 cm
13	130 cm	41,4cm	242 cm
14	138 cm	43,9cm	236 cm
15	140 cm	42,6cm	245 cm
16	135 cm	41,4cm	250 cm
17	135 cm	42,9cm	250 cm
18	135 cm	42,9cm	250 cm
19	130 cm	41,4cm	245 cm
20	140 cm	44,5cm	248 cm
21	138 cm	43,9cm	250 cm
22	133 cm	42,3cm	244 cm
23	130 cm	41,4cm	248 cm
24	145 cm	46,1cm	242 cm

Pokok Sampel 2	Tinggi Tanaman	Diameter Batang	Panjang Pelepah
1	135 cm	42,2 cm	240 cm
2	130 cm	41,4 cm	242 cm
3	132 cm	42,0 cm	248 cm
4	140 cm	44,5 cm	250 cm
5	135 cm	42,9 cm	248 cm
6	138 cm	43,9 cm	245 cm
7	136 cm	43,3 cm	250 cm
8	140 cm	41,4 cm	245 cm
9	136 cm	42,6 cm	235 cm
10	130 cm	41,4 cm	250 cm
11	134 cm	44,5 cm	240 cm
12	130 cm	41,4 cm	235 cm
13	140 cm	42,0 cm	248 cm
14	130 cm	44,5 cm	230 cm
15	132 cm	41,4 cm	245 cm
16	140 cm	44,5 cm	235 cm
17	130 cm	41,4 cm	245 cm
18	132 cm	42,0 cm	240 cm
19	134 cm	42,6 cm	236 cm
20	140 cm	44,5 cm	238 cm
21	130 cm	41,4 cm	250 cm
22	135 cm	42,9 cm	245 cm
23	130 cm	41,4 cm	250 cm
24	135 cm	42,9 cm	250 cm

Pokok Sampel 4	Tinggi Tanaman	Diameter Batang	Panjang Pelepah
1	142 cm	45,2 cm	242 cm
2	130 cm	41,4 cm	248 cm
3	133 cm	42,3 cm	244 cm
4	138 cm	43,9 cm	250 cm
5	140 cm	44,5 cm	248 cm
6	130 cm	41,4 cm	245 cm
7	135 cm	42,9 cm	250 cm
8	135 cm	42,9 cm	250 cm
9	130 cm	41,4 cm	250 cm
10	134 cm	42,6 cm	245 cm
11	138 cm	43,9 cm	236 cm
12	130 cm	41,4 cm	242 cm
13	135 cm	43,9 cm	235 cm
14	140 cm	44,5 cm	250 cm
15	138 cm	43,9 cm	240 cm
16	135 cm	42,9 cm	248 cm
17	140 cm	44,5 cm	250 cm
18	136 cm	43,3 cm	230 cm
19	142 cm	45,2 cm	230 cm
20	145 cm	46,1 cm	245 cm
21	130 cm	41,4 cm	235 cm
22	135 cm	42,9 cm	250 cm
23	138 cm	43,9 cm	245 cm
24	130 cm	41,4 cm	250 cm

Pokok Sampel 4	Tinggi Tanaman	Diameter Batang	Panjang Pelepah
1	135 cm	42,9 cm	250 cm
2	130 cm	41,4 cm	250 cm
3	135 cm	42,9 cm	245 cm
4	130 cm	41,4 cm	250 cm
5	140 cm	44,5 cm	238 cm
6	134 cm	42,6 cm	250 cm
7	132 cm	42,0 cm	236 cm
8	140 cm	44,5 cm	230 cm
9	135 cm	42,9 cm	232 cm
10	132 cm	42,0 cm	250 cm
11	130 cm	41,4 cm	245 cm
12	140 cm	44,5 cm	240 cm
13	134 cm	42,6 cm	240 cm
14	136 cm	43,3 cm	250 cm
15	138 cm	43,9 cm	250 cm
16	135 cm	42,9 cm	232 cm
17	140 cm	44,5 cm	245 cm
18	132 cm	42,0 cm	240 cm
19	130 cm	41,4 cm	235 cm
20	132 cm	42,0 cm	245 cm
21	135 cm	42,9 cm	250 cm
22	140 cm	44,5 cm	230 cm
23	138 cm	43,9 cm	230 cm
24	130 cm	41,4 cm	250 cm

DATA JUMLAH KUMBANG









DATA INTENSITAS SERANGAN KUMBANG

Tanaman Sampel	Pokok Sampel 1	Pokok Sampel 2	Pokok Sampel 3	Pokok Sampel 4	Jumlah	Jumlah Kumbang
1	1	1	1	1	4	10
2	0	0	1	0	1	15
3	0	1	1	1	3	13
4	3	1	3	1	8	8
5	0	1	0	1	2	17
6	2	3	2	3	10	10
7	0	0	0	0	0	15
8	1	2	1	2	6	13
9	1	0	1	0	2	8
10	1	1	1	1	4	17
11	1	1	1	1	4	10
12	0	0	0	1	1	15
13	1	1	1	0	3	13
14	1	1	1	1	4	8
15	1	1	1	1	4	17
16	3	3	1	2	9	10
17	0	0	1	0	1	15
18	2	2	1	1	6	13
19	0	0	3	1	4	8
20	1	1	0	1	3	17
21	1	1	2	0	4	10
22	1	1	0	1	3	15
23	1	1	1	1	4	13
24	1	1	1	1	4	8

HASIL UJI ANOVA (TINGGI TANAMAN)

Univariate Analysis of Variance

Between-Subjects Factors

	N	
Pokok_Sampel	1.00	24
	2.00	24
	3.00	24
	4.00	24

Descriptive Statistics

Dependent Variable: Tinggi_Tanaman

Pokok_Sampel	Mean	Std. Deviation	N
1.00	136.3750	4.51868	24
2.00	134.3333	3.78402	24
3.00	135.7917	4.42305	24
4.00	134.7083	3.64130	24
Total	135.3021	4.12724	96

Tests of Between-Subjects Effects

Dependent Variable: Tinggi_Tanaman

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	64.365 ^a	3	21.455	1.270	.289
Intercept	1757438.760	1	1757438.760	104052.363	.000
Pokok_Sampel	64.365	3	21.455	1.270	.289
Error	1553.875	92	16.890		
Total	1759057.000	96			
Corrected Total	1618.240	95			

a. R Squared = ,040 (Adjusted R Squared = ,008)

HASIL UJI ANOVA (DIAMETER BATANG)

Univariate Analysis of Variance

Between-Subjects Factors

		N
Pokok_Sampel	1.00	24
	2.00	24
	3.00	24
	4.00	24

Descriptive Statistics

Dependent Variable: Diameter_Batang

Pokok_Sampel	Mean	Std. Deviation	N
1.00	43.2333	1.45801	24
2.00	42.6250	1.20226	24
3.00	43.2375	1.39683	24
4.00	42.8458	1.13367	24
Total	42.9854	1.31052	96

Tests of Between-Subjects Effects

Dependent Variable: Diameter_Batang

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	6.585 ^a	3	2.195	1.290	.283
Intercept	177383.620	1	177383.620	104227.239	.000
Pokok_Sampel	6.585	3	2.195	1.290	.283
Error	156.574	92	1.702		
Total	177546.780	96			
Corrected Total	163.160	95			

a. R Squared = .040 (Adjusted R Squared = .009)

HASIL UJI ANOVA (PELEPAH DAUN)

Univariate Analysis of Variance

Between-Subjects Factors

	N	
Pokok_Sampel	1.00	24
	2.00	24
	3.00	24
	4.00	24

Descriptive Statistics

Dependent Variable: Pelepah_Daun

Pokok_Sampel	Mean	Std. Deviation	N
1.00	244.0833	6.53364	24
2.00	243.3333	6.07680	24
3.00	244.0833	6.53364	24
4.00	242.2083	7.67820	24
Total	243.4271	6.66925	96

Tests of Between-Subjects Effects

Dependent Variable: Pelepah_Daun

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	56.531 ^a	3	18.844	.416	.742
Intercept	5688647.510	1	5688647.510	125536.292	.000
Pokok_Sampel	56.531	3	18.844	.416	.742
Error	4168.958	92	45.315		
Total	5692873.000	96			
Corrected Total	4225.490	95			

a. R Squared = ,013 (Adjusted R Squared = -,019)

HASIL KORELASI (POPULASI KUMBANG)

Correlations

		Jumlah_Kumbang	Tinggi_Tanaman
Jumlah_Kumbang	Pearson Correlation	1	-.622**
	Sig. (2-tailed)		.001
	N	24	24
Tinggi_Tanaman	Pearson Correlation	-.622**	1
	Sig. (2-tailed)	.001	
	N	24	24

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations

		Jumlah_Kumbang	Diameter_Batang
Jumlah_Kumbang	Pearson Correlation	1	-.501*
	Sig. (2-tailed)		.013
	N	24	24
Diameter_Batang	Pearson Correlation	-.501*	1
	Sig. (2-tailed)	.013	
	N	24	24

* . Correlation is significant at the 0.05 level (2-tailed).

Correlations

		Jumlah_Kumbang	Pelepah_Daun
Jumlah_Kumbang	Pearson Correlation	1	-.510*
	Sig. (2-tailed)		.011
	N	24	24
Pelepah_Daun	Pearson Correlation	-.510*	1
	Sig. (2-tailed)	.011	
	N	24	24

* . Correlation is significant at the 0.05 level (2-tailed).

HASIL KORELASI (INTENSITAS SERANGAN)

Correlations

		Intensitas_Kerusa kan	Tinggi_Tanaman
Intensitas_Kerusakan	Pearson Correlation	1	-.610**
	Sig. (2-tailed)		.002
	N	24	24
Tinggi_Tanaman	Pearson Correlation	-.610**	1
	Sig. (2-tailed)	.002	
	N	24	24

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations

		Intensitas_Kerusa kan	Diameter_Batang
Intensitas_Kerusakan	Pearson Correlation	1	-.371
	Sig. (2-tailed)		.074
	N	24	24
Diameter_Batang	Pearson Correlation	-.371	1
	Sig. (2-tailed)	.074	
	N	24	24

Correlations

		Intensitas_Kerusa kan	Pelepah_Daun
Intensitas_Kerusakan	Pearson Correlation	1	-.253
	Sig. (2-tailed)		.233
	N	24	24
Pelepah_Daun	Pearson Correlation	-.253	1
	Sig. (2-tailed)	.233	
	N	24	24

HASIL REGRESI (POPULASI KUMBANG)

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Tinggi_Tanaman ^b	.	Enter

a. Dependent Variable: Jumlah_Kumbang

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.622 ^a	.387	.359	2.61714

a. Predictors: (Constant), Tinggi_Tanaman

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	95.146	1	95.146	13.891	.001 ^b
	Residual	150.687	22	6.849		
	Total	245.833	23			

a. Dependent Variable: Jumlah_Kumbang

b. Predictors: (Constant), Tinggi_Tanaman

Coefficients^a

Model		Unstandardized Coefficients B	Std. Error	Standardized Coefficients Beta	t	Sig.
1	(Constant)	153.366	37.821		4.055	.001
	Tinggi_Tanaman	-1.042	.279	-.622	-3.727	.001

a. Dependent Variable: Jumlah_Kumbang

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Diameter_Batang ^b	.	Enter

- a. Dependent Variable: Jumlah_Kumbang
 b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.501 ^a	.251	.217	2.89275

- a. Predictors: (Constant), Diameter_Batang

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	61.737	1	61.737	7.378	.013 ^b
	Residual	184.096	22	8.368		
	Total	245.833	23			

- a. Dependent Variable: Jumlah_Kumbang
 b. Predictors: (Constant), Diameter_Batang

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients Beta	t	Sig.
		B	Std. Error			
1	(Constant)	126.649	42.060		3.011	.006
	Diameter_Batang	-2.656	.978	-.501	-2.716	.013

- a. Dependent Variable: Jumlah_Kumbang

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Pelepah_Daun ^b	.	Enter

a. Dependent Variable: Jumlah_Kumbang

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.510 ^a	.261	.227	2.87441

a. Predictors: (Constant), Pelepah_Daun

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	64.064	1	64.064	7.754	.011 ^b
	Residual	181.769	22	8.262		
	Total	245.833	23			

a. Dependent Variable: Jumlah_Kumbang

b. Predictors: (Constant), Pelepah_Daun

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients Beta	t	Sig.
		B	Std. Error			
1	(Constant)	148.941	49.032		3.038	.006
	Pelepah_Daun	-.561	.201	-.510	-2.785	.011

a. Dependent Variable: Jumlah_Kumbang

HASIL REGRESI (INTENSITAS SERANGAN)

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Pelepah_Daun ^b	.	Enter

a. Dependent Variable: Jumlah_Kumbang

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.510 ^a	.261	.227	2.87441

a. Predictors: (Constant), Pelepah_Daun

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	64.064	1	64.064	7.754	.011 ^b
	Residual	181.769	22	8.262		
	Total	245.833	23			

a. Dependent Variable: Jumlah_Kumbang

b. Predictors: (Constant), Pelepah_Daun

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	148.941	49.032		3.038	.006
	Pelepah_Daun	-.561	.201	-.510	-2.785	.011

a. Dependent Variable: Jumlah_Kumbang

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Tinggi_Tanaman ^b	.	Enter

a. Dependent Variable: Intensitas_Kerusakan

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.610 ^a	.372	.344	1.99780

a. Predictors: (Constant), Tinggi_Tanaman

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	52.027	1	52.027	13.035	.002 ^b
	Residual	87.807	22	3.991		
	Total	139.833	23			

a. Dependent Variable: Intensitas_Kerusakan

b. Predictors: (Constant), Tinggi_Tanaman

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	108.143	28.871		3.746	.001
	Tinggi_Tanaman	-.770	.213	-.610	-3.610	.002

a. Dependent Variable: Intensitas_Kerusakan

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Diameter_Batang ^b	.	Enter

a. Dependent Variable: Intensitas_Kerusakan

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.371 ^a	.138	.099	2.34077

a. Predictors: (Constant), Diameter_Batang

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	19.290	1	19.290	3.521	.074 ^b
	Residual	120.543	22	5.479		
	Total	139.833	23			

a. Dependent Variable: Intensitas_Kerusakan

b. Predictors: (Constant), Diameter_Batang

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	67.771	34.034		1.991	.059
	Diameter_Batang	-1.485	.791	-.371	-1.876	.074

a. Dependent Variable: Intensitas_Kerusakan