

7. LAMPIRAN

Lampiran 1. Hasil Uji Normalitas Aktivitas Antioksidan

Tests of Normality

Perlakuan	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Antioksidan Biji_Untreatmer	,217	5	,200*	,927	5	,576
Rendam_24	,199	5	,200*	,956	5	,778
Rebus_24	,303	5	,149	,836	5	,154
Tempe_24	,288	5	,200*	,862	5	,235
Rendam_36	,220	5	,200*	,900	5	,412
Rebus_36	,295	5	,179	,852	5	,201
Tempe_36	,130	5	,200*	,998	5	,999
Rendam_48	,228	5	,200*	,901	5	,414
Rebus_48	,172	5	,200*	,957	5	,789
Tempe_48	,233	5	,200*	,911	5	,476

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene			
		Statistic	df1	df2	Sig.
Antioksidan	Based on Mean	1,911	9	40	,078
	Based on Median	,770	9	40	,644
	Based on Median and with adjusted df	,770	9	27,110	,644
	Based on trimmed mean	1,835	9	40	,092

Descriptives

Perlakuan				Statistic	Std. Error
Antioksidan	Biji_Untreatment	Mean		7,30380000	,202320165
		95% Confidence Interval for Mean	Lower Bound	6,74206917	
			Upper Bound	7,86553083	
		5% Trimmed Mean		7,30998889	
		Median		7,31000000	
		Variance		,205	
		Std. Deviation		,452401641	
		Minimum		6,722000	
		Maximum		7,774200	
		Range		1,052200	
		Interquartile Range		,882000	
		Skewness		-,237	,913
		Kurtosis		-2,036	2,000
Rendam_24		Mean		6,07824000	,802716075
		95% Confidence Interval for Mean	Lower Bound	3,84954288	
			Upper Bound	8,30693712	
		5% Trimmed Mean		6,03594444	
		Median		5,73160000	
		Variance		3,222	
		Std. Deviation		1,794927710	
		Minimum		4,060400	
		Maximum		8,857400	
		Range		4,797000	
		Interquartile Range		3,063900	
		Skewness		,911	,913
		Kurtosis		1,258	2,000
Rebus_24		Mean		7,19856000	,634661767
		95% Confidence Interval for Mean	Lower Bound	5,43645644	
			Upper Bound	8,96066356	
		5% Trimmed Mean		7,13116111	
		Median		6,87670000	
		Variance		2,014	
		Std. Deviation		1,419146854	
		Minimum		6,010200	
		Maximum		9,600100	
		Range		3,589900	
		Interquartile Range		2,228250	
		Skewness		1,671	,913
		Kurtosis		3,053	2,000
Tempe_24		Mean		8,48602000	,791640667
		95% Confidence Interval for Mean	Lower Bound	6,28807315	
			Upper Bound	10,68396685	
		5% Trimmed Mean		8,41380556	
		Median		7,61950000	
		Variance		3,133	
		Std. Deviation		1,770162345	
		Minimum		7,000500	
		Maximum		11,27140	
		Range		4,270900	
		Interquartile Range		3,063900	
		Skewness		1,242	,913
		Kurtosis		,606	2,000

Descriptives

Perlakuan				Statistic	Std. Error
Antioksidan	Rendam_36	Mean		5,09408000	,478406884
		95% Confidence Interval for Mean	Lower Bound	3,76580955	
			Upper Bound	6,42235045	
		5% Trimmed Mean		5,08857778	
		Median		4,80320000	
		Variance		1,144	
		Std. Deviation		1,069750313	
		Minimum		3,936600	
		Maximum		6,350600	
		Range		2,414000	
		Interquartile Range		2,089000	
		Skewness		,292	,913
		Kurtosis		-2,663	2,000
		Rebus_36	Rebus_36	Mean	
95% Confidence Interval for Mean	Lower Bound			5,78112487	
	Upper Bound			10,27479513	
5% Trimmed Mean				8,04756111	
Median				8,95020000	
Variance				3,274	
Std. Deviation				1,809535538	
Minimum				5,855400	
Maximum				9,847700	
Range				3,992300	
Interquartile Range				3,419800	
Skewness				-,489	,913
Kurtosis				-2,851	2,000
Tempe_36	Tempe_36			Mean	
		95% Confidence Interval for Mean	Lower Bound	9,09311424	
			Upper Bound	10,28052576	
		5% Trimmed Mean		9,68785000	
		Median		9,66200000	
		Variance		,229	
		Std. Deviation		,478153314	
		Minimum		9,043100	
		Maximum		10,31200	
		Range		1,268900	
		Interquartile Range		,866550	
		Skewness		-,059	,913
		Kurtosis		-,095	2,000
		Rendam_48	Rendam_48	Mean	
95% Confidence Interval for Mean	Lower Bound			3,20226240	
	Upper Bound			7,02301760	
5% Trimmed Mean				5,17109444	
Median				5,36020000	
Variance				2,367	
Std. Deviation				1,538562444	
Minimum				2,636800	
Maximum				6,536300	
Range				3,899500	
Interquartile Range				2,630600	
Skewness				-1,261	,913
Kurtosis				1,607	2,000

Descriptives

Perlakuan				Statistic	Std. Error
Antioksidan	Rebus_48	Mean		8,42412000	,552066988
		95% Confidence Interval for Mean	Lower Bound	6,89133631	
			Upper Bound	9,95690369	
		5% Trimmed Mean		8,39317222	
		Median		8,20750000	
		Variance		1,524	
		Std. Deviation		1,234459314	
		Minimum		7,093300	
		Maximum		10,31200	
		Range		3,218700	
		Interquartile Range		2,181850	
		Skewness		,890	,913
		Kurtosis		,705	2,000
		Tempe_48		Mean	
95% Confidence Interval for Mean	Lower Bound			9,07726908	
	Upper Bound			14,03489092	
5% Trimmed Mean				11,53785556	
Median				11,98320000	
Variance				3,985	
Std. Deviation				1,996362077	
Minimum				9,414500	
Maximum				14,02570	
Range				4,611200	
Interquartile Range				3,853000	
Skewness				-,011	,913
Kurtosis				-2,187	2,000

Lampiran 2. Hasil Uji Beda (*One-Way ANOVA*) Aktivitas Antioksidan selama Proses Pembuatan Tempe Koro Pedang

Descriptives

dua_empat

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
biji	5	7,303800	,452401641	,202320165	6,74206917	7,86553083	6,722000	7,774200
rendam	5	6,078240	1,794927710	,802716075	3,84954288	8,30693712	4,060400	8,857400
rebus	5	7,198560	1,419146854	,634661767	5,43645644	8,96066356	6,010200	9,600100
tempe	5	8,486020	1,770162345	,791640667	6,28807315	10,68396685	7,000500	11,27140
Total	20	7,266655	1,602982918	,358437877	6,51643590	8,01687410	4,060400	11,27140

dua_empat

Duncan^a

perlakuan	N	Subset for alpha = .05	
		1	2
rendam	5	6,078240	
rebus	5	7,198560	7,198560
biji	5	7,303800	7,303800
tempe	5		8,486020
Sig.		,227	,206

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Descriptives

tiga_enam

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
biji	5	7,303800	,452401641	,202320165	6,74206917	7,86553083	6,722000	7,774200
rendam	5	5,094080	1,069750313	,478406884	3,76580955	6,42235045	3,936600	6,350600
rebus	5	8,027960	1,809535538	,809248894	5,78112487	10,27479513	5,855400	9,847700
tempe	5	9,686820	,478153314	,213836663	9,09311424	10,28052576	9,043100	10,31200
Total	20	7,528165	1,971264745	,440788197	6,60558470	8,45074530	3,936600	10,31200

tiga_enam

Duncan^a

perlakuan	N	Subset for alpha = .05		
		1	2	3
rendam	5	5,094080		
biji	5		7,303800	
rebus	5		8,027960	
tempe	5			9,686820
Sig.		1,000	,314	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Descriptives

empat_delapan

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
biji	5	7,303800	,452401641	,202320165	6,74206917	7,86553083	6,722000	7,774200
rendam	5	5,112640	1,538562444	,688066042	3,20226240	7,02301760	2,636800	6,536300
rebus	5	8,424120	1,234459314	,552066988	6,89133631	9,95690369	7,093300	10,31200
tempe	5	11,55608	1,996362077	,892800262	9,07726908	14,03489092	9,414500	14,02570
Total	20	8,099160	2,718007615	,607764979	6,82709328	9,37122672	2,636800	14,02570

empat_delapan

Duncan^a

perlakuan	N	Subset for alpha = .05		
		1	2	3
rendam	5	5,112640		
biji	5		7,303800	
rebus	5		8,424120	
tempe	5			11,55608
Sig.		1,000	,231	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Descriptives

rendam

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
24_jam	5	6,078240	1,794927710	,802716075	3,84954288	8,30693712	4,060400	8,857400
36_jam	5	5,094080	1,069750313	,478406884	3,76580955	6,42235045	3,936600	6,350600
48_jam	5	5,112640	1,538562444	,688066042	3,20226240	7,02301760	2,636800	6,536300
Total	15	5,428320	1,466337850	,378606805	4,61628916	6,24035084	2,636800	8,857400

rendam

Duncan^a

perlakuan	N	Subset for alpha = .05
		1
36_jam	5	5,094080
48_jam	5	5,112640
24_jam	5	6,078240
Sig.		,343

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Descriptives

rebus

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
24_jam	5	7,198560	1,419146854	,634661767	5,43645644	8,96066356	6,010200	9,600100
36_jam	5	8,027960	1,809535538	,809248894	5,78112487	10,27479513	5,855400	9,847700
48_jam	5	8,424120	1,234459314	,552066988	6,89133631	9,95690369	7,093300	10,31200
Total	15	7,883547	1,491896041	,385205902	7,05736218	8,70973116	5,855400	10,31200

rebus

Duncan^a

perlakuan	N	Subset for alpha = .05	
		1	
24_jam	5	7,198560	
36_jam	5	8,027960	
48_jam	5	8,424120	
Sig.			,244

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Descriptives

tempe

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
24_jam	5	8,486020	1,770162345	,791640667	6,28807315	10,68396685	7,000500	11,27140
36_jam	5	9,686820	,478153314	,213836663	9,09311424	10,28052576	9,043100	10,31200
48_jam	5	11,55608	1,996362077	,892800262	9,07726908	14,03489092	9,414500	14,02570
Total	15	9,909640	1,951662370	,503917057	8,82884540	10,99043460	7,000500	14,02570

tempe

Duncan^a

perlakuan	N	Subset for alpha = .05	
		1	2
24_jam	5	8,486020	
36_jam	5	9,686820	9,686820
48_jam	5		11,55608
Sig.		,248	,083

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Lampiran 3. Hasil Penentuan Kurva Standar Potensi Sianogenik

Iteration History^b

Iteration Number ^a	Residual Sum of Squares	Parameter	
		a	b
1.0	,388	,000	,000
1.1	,076	,061	,009
2.0	,076	,061	,009
2.1	,000	-,001	,022
3.0	,000	-,001	,022
3.1	,000	-,001	,022

Derivatives are calculated numerically.

- Major iteration number is displayed to the left of the decimal, and minor iteration number is to the right of the decimal.
- Run stopped after 6 model evaluations and 3 derivative evaluations because the relative reduction between successive residual sums of squares is at most $SSCON = 1,00E-008$.

Parameter Estimates

Parameter	Estimate	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
a	-,001	,005	-,016	,014
b	,022	,000	,021	,023

Correlations of Parameter Estimates

	a	b
a	1,000	-,751
b	-,751	1,000

ANOVA^a

Source	Sum of Squares	df	Mean Squares
Regression	,392	2	,196
Residual	,000	3	,000
Uncorrected Total	,392	5	
Corrected Total	,172	4	

Dependent variable: absorbansi

- $R^2 = 1 - (\text{Residual Sum of Squares}) / (\text{Corrected Sum of Squares}) = ,999$.

Lampiran 4. Hasil Uji Normalitas Kandungan Sianida

Descriptives

		Statistic	Std. Error	
Sianida	Mean	327,7890867	17,988484499	
	95% Confidence Interval for Mean	Lower Bound	291,5356783	
		Upper Bound	364,0424950	
	5% Trimmed Mean	326,1701420		
	Median	301,8364000		
	Variance	14561,351		
	Std. Deviation	120,6704225		
	Minimum	101,8727		
	Maximum	582,8727		
	Range	481,000000		
	Interquartile Range	164,509100		
	Skewness	,211	,354	
	Kurtosis	-,329	,695	

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Sianida	,115	45	,169	,972	45	,354

a. Lilliefors Significance Correction

Lampiran 5. Hasil Uji Beda (*One-Way ANOVA*) Kandungan Sianida selama Proses Pembuatan Tempe Koro Pedang

Descriptives

dua_empat

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
biji	5	1345,807	34,336818081	15,355891872	1303,172489	1388,442071	1311,346	1380,600
rendam	5	535,3636	57,832795464	25,863612397	463,5547400	607,1725400	470,1273	582,8727
rebus	5	412,8800	36,130566787	16,158080680	368,0179760	457,7420240	376,7636	449,8000
tempe	5	369,3891	2,848140287	1,273727058	365,8526467	372,9255133	364,7091	372,2727
Total	20	665,8600	409,0815237	91,473409540	474,4039535	857,3160465	364,7091	1380,600

dua_empat

Duncan^a

tahap	N	Subset for alpha = .05		
		1	2	3
tempe	5	369,3891		
rebus	5	412,8800		
rendam	5		535,3636	
biji	5			1345,807
Sig.		,091	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Descriptives

tiga_enam

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
biji	5	1345,807	34,336818081	15,355891872	1303,172489	1388,442071	1311,346	1380,600
rendam	5	438,8327	29,182367271	13,050751392	402,5980252	475,0674148	396,8545	470,1273
rebus	5	286,6145	16,608335698	7,427473523	265,9925675	307,2365125	262,3636	301,8364
tempe	5	267,1854	40,932745416	18,305680251	216,3607237	318,0101563	217,2182	309,8727
Total	20	584,6100	456,9399140	102,1748709	370,7555324	798,4644576	217,2182	1380,600

tiga_enam

Duncan^a

tahap	N	Subset for alpha = .05		
		1	2	3
tempe	5	267,1854		
rebus	5	286,6145		
rendam	5		438,8327	
biji	5			1345,807
Sig.		,345	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Descriptives

empat_delapan

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
biji	5	1345,807	34,336818081	15,355891872	1303,172489	1388,442071	1311,346	1380,600
rendam	5	266,6654	7,802528764	3,489396942	256,9773209	276,3535591	259,7636	277,0182
rebus	5	244,1636	43,392498949	19,405715473	190,2847363	298,0425437	192,4000	288,3636
tempe	5	129,0073	27,735434378	12,403663331	94,56918966	163,4453703	101,8727	158,8364
Total	20	496,4109	506,7920093	113,3221383	259,2249486	733,5968714	101,8727	1380,600

empat_delapan

Duncan^a

tahap	N	Subset for alpha = .05		
		1	2	3
tempe	5	129,0073		
rebus	5		244,1636	
rendam	5		266,6654	
biji	5			1345,807
Sig.		1,000	,271	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Descriptives

rendam

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
24_jam	5	535,3636	57,832795464	25,863612397	463,5547400	607,1725400	470,1273	582,8727
36_jam	5	438,8327	29,182367271	13,050751392	402,5980252	475,0674148	396,8545	470,1273
48_jam	5	266,6654	7,802528764	3,489396942	256,9773209	276,3535591	259,7636	277,0182
Total	15	413,6206	120,2059774	31,037049915	347,0527485	480,1884515	259,7636	582,8727

rendam

Duncan^a

perlakuan	N	Subset for alpha = .05		
		1	2	3
48_jam	5	266,6654		
36_jam	5		438,8327	
24_jam	5			535,3636
Sig.		1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Descriptives

rebus

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
24_jam	5	412,8800	36,130566787	16,158080680	368,0179760	457,7420240	376,7636	449,8000
36_jam	5	286,6145	16,608335698	7,427473523	265,9925675	307,2365125	262,3636	301,8364
48_jam	5	244,1636	43,392498949	19,405715473	190,2847363	298,0425437	192,4000	288,3636
Total	15	314,5527	80,566630335	20,802214503	269,9364139	359,1690394	192,4000	449,8000

rebus

Duncan^a

perlakuan	N	Subset for alpha = .05	
		1	2
48_jam	5	244,1636	
36_jam	5	286,6145	
24_jam	5		412,8800
Sig.		,072	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Descriptives

tempe

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
24_jam	5	369,3891	2,848140287	1,27372706	365,8526467	372,9255133	364,7091	372,2727
36_jam	5	267,1854	40,932745416	18,3056803	216,3607237	318,0101563	217,2182	309,8727
48_jam	5	129,0073	27,735434378	12,4036633	94,56918966	163,4453703	101,8727	158,8364
Total	15	255,1939	105,3390511	27,1984260	196,8591112	313,5287554	101,8727	372,2727

tempe

Duncan^a

perlakuan	N	Subset for alpha = .05		
		1	2	3
48_jam	5	129,0073		
36_jam	5		267,1854	
24_jam	5			369,3891
Sig.		1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Lampiran 6. Hasil Interaksi Antara Aktivitas Antioksidan dan Kandungan Sianida

Model Summary and Parameter Estimates

Dependent Variable: Antioksidan

Equation	Model Summary					Parameter Estimates		
	R Square	F	df1	df2	Sig.	Constant	b1	b2
Quadratic	,514	3,707	2	7	,080	13,003	-,021	1,21E-005

The independent variable is Sianida.

