

LAMPIRAN 3

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
NYAMUK10	.113	32	.200 [*]	.910	32	.011
NYAMUK20	.114	32	.200 [*]	.929	32	.036
NYAMUK30	.114	32	.200 [*]	.936	32	.059
NYAMUK40	.138	32	.124	.926	32	.030
NYAMUK50	.141	32	.107	.905	32	.009
NYAMUK60	.175	32	.013	.863	32	.001

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
NYAMUK1 0	3.413	7	24	.011
NYAMUK2 0	2.676	7	24	.034
NYAMUK3 0	2.420	7	24	.050
NYAMUK4 0	3.709	7	24	.007
NYAMUK5 0	3.000	7	24	.021
NYAMUK6 0	2.706	7	24	.032

Kruskal Wallis Test

Test Statistics^{a,b}

	NYAMUK1 0	NYAMUK2 0	NYAMUK3 0	NYAMUK4 0	NYAMUK5 0	NYAMUK6 0
Chi-Square	29.788	29.494	29.965	30.134	29.877	29.835
df	7	7	7	7	7	7
Asymp. Sig.	.000	.000	.000	.000	.000	.000

a. Kruskal Wallis Test

b. Grouping Variable: KELOMPOK

Mann-Whitney test

Test Statistics^a

	NYAMU K10	NYAMU K20	NYAMU K30	NYAMU K40	NYAMU K50	NYAMU K60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.646	-2.646	-2.646	-2.646	-2.646	-2.646
Asymp. Sig. (2-tailed)	.008	.008	.008	.008	.008	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.460	-2.460	-2.477	-2.477	-2.477	-2.530
Asymp. Sig. (2-tailed)	.014	.014	.013	.013	.013	.011
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.494	-2.477	-2.477	-2.477	-2.477	-2.477
Asymp. Sig. (2-tailed)	.013	.013	.013	.013	.013	.013
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.494	-2.477	-2.530	-2.477	-2.460	-2.477
Asymp. Sig. (2-tailed)	.013	.013	.011	.013	.014	.013
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.460	-2.460	-2.494	-2.530	-2.494	-2.530
Asymp. Sig. (2-tailed)	.014	.014	.013	.011	.013	.011
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.530	-2.477	-2.494	-2.494	-2.530	-2.530
Asymp. Sig. (2-tailed)	.011	.013	.013	.013	.011	.011
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.477	-2.460	-2.477	-2.477	-2.477	-2.477
Asymp. Sig. (2-tailed)	.013	.014	.013	.013	.013	.013
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.460	-2.460	-2.477	-2.477	-2.477	-2.530
Asymp. Sig. (2-tailed)	.014	.014	.013	.013	.013	.011
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.494	-2.477	-2.477	-2.477	-2.477	-2.477
Asymp. Sig. (2-tailed)	.013	.013	.013	.013	.013	.013
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.494	-2.477	-2.530	-2.477	-2.460	-2.477
Asymp. Sig. (2-tailed)	.013	.013	.011	.013	.014	.013
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.460	-2.460	-2.494	-2.530	-2.494	-2.530
Asymp. Sig. (2-tailed)	.014	.014	.013	.011	.013	.011
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.530	-2.477	-2.494	-2.494	-2.530	-2.530
Asymp. Sig. (2-tailed)	.011	.013	.013	.013	.011	.011
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.477	-2.460	-2.477	-2.477	-2.477	-2.477
Asymp. Sig. (2-tailed)	.013	.014	.013	.013	.013	.013
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	3.000	2.500	4.000	3.000	3.000	3.000
Wilcoxon W	13.000	12.500	14.000	13.000	13.000	13.000
Z	-1.488	-1.607	-1.191	-1.461	-1.461	-1.488
Asymp. Sig. (2-tailed)	.137	.108	.234	.144	.144	.137
Exact Sig. [2*(1-tailed Sig.)]	.200 ^b	.114 ^b	.343 ^b	.200 ^b	.200 ^b	.200 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.500	.000	.000	.000
Wilcoxon W	10.000	10.000	10.500	10.000	10.000	10.000
Z	-2.337	-2.323	-2.247	-2.337	-2.323	-2.381
Asymp. Sig. (2-tailed)	.019	.020	.025	.019	.020	.017
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.309	-2.309	-2.352	-2.381	-2.352	-2.428
Asymp. Sig. (2-tailed)	.021	.021	.019	.017	.019	.015
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.366	-2.323	-2.352	-2.352	-2.381	-2.428
Asymp. Sig. (2-tailed)	.018	.020	.019	.019	.017	.015
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.323	-2.309	-2.337	-2.337	-2.337	-2.381
Asymp. Sig. (2-tailed)	.020	.021	.019	.019	.019	.017
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	2.000	3.000	2.000	3.000	3.500	2.000
Wilcoxon W	12.000	13.000	12.000	13.000	13.500	12.000
Z	-1.871	-1.517	-1.821	-1.517	-1.340	-1.786
Asymp. Sig. (2-tailed)	.061	.129	.069	.129	.180	.074
Exact Sig. [2*(1-tailed Sig.)]	.114 ^b	.200 ^b	.114 ^b	.200 ^b	.200 ^b	.114 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.500	.000	.000	.000	.500
Wilcoxon W	10.000	10.500	10.000	10.000	10.000	10.500
Z	-2.337	-2.191	-2.352	-2.381	-2.352	-2.247
Asymp. Sig. (2-tailed)	.019	.028	.019	.017	.019	.025
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.397	-2.337	-2.352	-2.352	-2.381	-2.381
Asymp. Sig. (2-tailed)	.017	.019	.019	.019	.017	.017
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.352	-2.323	-2.337	-2.337	-2.337	-2.337
Asymp. Sig. (2-tailed)	.019	.020	.019	.019	.019	.019
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	2.500	3.000	1.500	4.000	7.000
Wilcoxon W	10.000	12.500	13.000	11.500	14.000	17.000
Z	-2.337	-1.637	-1.667	-2.013	-1.214	-.331
Asymp. Sig. (2-tailed)	.019	.102	.096	.044	.225	.741
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.114 ^b	.200 ^b	.057 ^b	.343 ^b	.886 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.500
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.500
Z	-2.397	-2.337	-2.397	-2.352	-2.366	-2.247
Asymp. Sig. (2-tailed)	.017	.019	.017	.019	.018	.025
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.000	.000	.000	.000	.000	.000
Wilcoxon W	10.000	10.000	10.000	10.000	10.000	10.000
Z	-2.352	-2.323	-2.381	-2.337	-2.323	-2.337
Asymp. Sig. (2-tailed)	.019	.020	.017	.019	.020	.019
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	3.000	2.500	.000	.000	.000	.000
Wilcoxon W	13.000	12.500	10.000	10.000	10.000	10.000
Z	-1.479	-1.607	-2.366	-2.397	-2.397	-2.428
Asymp. Sig. (2-tailed)	.139	.108	.018	.017	.017	.015
Exact Sig. [2*(1-tailed Sig.)]	.200 ^b	.114 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	.500	.500	.000	.000	.000	.000
Wilcoxon W	10.500	10.500	10.000	10.000	10.000	10.000
Z	-2.191	-2.178	-2.352	-2.381	-2.352	-2.381
Asymp. Sig. (2-tailed)	.028	.029	.019	.017	.019	.017
Exact Sig. [2*(1-tailed Sig.)]	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Test Statistics^a

	NYAMUK 10	NYAMUK 20	NYAMUK 30	NYAMUK 40	NYAMUK 50	NYAMUK 60
Mann-Whitney U	3.000	2.000	1.000	.000	.000	.000
Wilcoxon W	13.000	12.000	11.000	10.000	10.000	10.000
Z	-1.488	-1.764	-2.097	-2.352	-2.381	-2.381
Asymp. Sig. (2-tailed)	.137	.078	.036	.019	.017	.017
Exact Sig. [2*(1-tailed Sig.)]	.200 ^b	.114 ^b	.057 ^b	.029 ^b	.029 ^b	.029 ^b

a. Grouping Variable: KELOMPOK

b. Not corrected for ties.

Correlations

		NYAMUK10	NYAMUK20	NYAMUK30	NYAMUK40	NYAMUK50	NYAMUK60
Spearman's rho	NYAMUK10 Correlation Coefficient	1.000	.977**	.962**	.957**	.924**	.897**
	Sig. (2-tailed)	.	.000	.000	.000	.000	.000
	N	24	24	24	24	24	24
	NYAMUK20 Correlation Coefficient	.977**	1.000	.972**	.971**	.955**	.923**
	Sig. (2-tailed)	.000	.	.000	.000	.000	.000
	N	24	24	24	24	24	24
	NYAMUK30 Correlation Coefficient	.962**	.972**	1.000	.987**	.975**	.956**
	Sig. (2-tailed)	.000	.000	.	.000	.000	.000
	N	24	24	24	24	24	24
	NYAMUK40 Correlation Coefficient	.957**	.971**	.987**	1.000	.989**	.967**
	Sig. (2-tailed)	.000	.000	.000	.	.000	.000
	N	24	24	24	24	24	24
	NYAMUK50 Correlation Coefficient	.924**	.955**	.975**	.989**	1.000	.978**
	Sig. (2-tailed)	.000	.000	.000	.000	.	.000
	N	24	24	24	24	24	24
	NYAMUK60 Correlation Coefficient	.897**	.923**	.956**	.967**	.978**	1.000
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.
	N	24	24	24	24	24	24

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

REGRESI LINIER BERGANDA DEKOK DAUN ZODIA

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.926 ^a	.857	.853	1.330

a. Predictors: (Constant), WAKTU, DOSIS

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	733.671	2	366.836	207.292	.000 ^b
	Residual	122.106	69	1.770		
	Total	855.778	71			

a. Dependent Variable: NYAMUKMATI

b. Predictors: (Constant), WAKTU, DOSIS

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constan)	-2.406	.847		-2.840	.006
	DOSIS	1.750	.192	.414	9.114	.000
	WAKTU	.167	.009	.828	18.208	.000

a. Dependent Variable: NYAMUKMATI

REGRESI LINIER BERGANDA EKSTRAK ETANOL DAUN ZODIA

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.948 ^a	.899	.896	.979

a. Predictors: (Constant), WAKTU, DOSIS

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	587.717	2	293.859	306.483	.000 ^b
	Residual	66.158	69	.959		
	Total	653.875	71			

a. Dependent Variable: NYAMUKMATI

b. Predictors: (Constant), WAKTU, DOSIS

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-3.854	1.024		-3.765	.000
	DOSIS	2.146	.141	.581	15.183	.000
	WAKTU	.132	.007	.749	19.556	.000

a. Dependent Variable: NYAMUKMATI