

LAMPIRAN

Lampiran 1. Hasil Uji Statistik

Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Konsentrasi	.094	24	.200*	.970	24	.666
Koloni	.098	24	.200*	.963	24	.494

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

a. Lilliefors Significance Correction

Correlations

Descriptive Statistics

	Mean	Std. Deviation	N
Konsentrasi	13.000	7.2086	15
Koloni	140.20	152.038	15

Correlations

		Konsentrasi	Koloni
Konsentrasi	Pearson Correlation	1	-.913**
	Sig. (2-tailed)	.	.000
	N	15	15
Koloni	Pearson Correlation	-.913**	1
	Sig. (2-tailed)	.000	.
	N	15	15

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

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.913 ^a	.833	.820	64.537

a. Predictors: (Constant), Konsentrasi

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	269473.5	1	269473.543	64.700	.000 ^a
	Residual	54144.857	13	4164.989		
	Total	323618.4	14			

a. Predictors: (Constant), Konsentrasi

b. Dependent Variable: Koloni

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	390.399	35.287		11.063	.000
	Konsentrasi	-19.246	2.393	-.913	-8.044	.000

a. Dependent Variable: Koloni



Oneway

Descriptives

Koloni

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
K Neg	3	.00	.000	.000	.00	.00	0	0
K Pos	3	364.67	67.471	38.954	197.06	532.27	313	441
12.5%	3	255.33	16.862	9.735	213.45	297.22	236	267
15%	3	65.33	18.448	10.651	19.51	111.16	45	81
17.5%	3	15.67	4.041	2.333	5.63	25.71	11	18
20%	3	.00	.000	.000	.00	.00	0	0
22.5%	3	.00	.000	.000	.00	.00	0	0
25%	3	.00	.000	.000	.00	.00	0	0
Total	24	87.63	137.396	28.046	29.61	145.64	0	441

Test of Homogeneity of Variances

Koloni

Levene Statistic	df 1	df 2	Sig.
2.537	7	16	.083

ANOVA

Koloni

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	423797.0	7	60542.423	93.262	.000
Within Groups	10386.667	16	649.167		
Total	434183.6	23			



Post Hoc Test

Multiple Comparisons

Koloni

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K Neg	K Pos	-364.667 [*]	20.803	.000	-436.69	-292.64
	12.5%	-255.333 [*]	20.803	.000	-327.36	-183.31
	15%	-65.333	20.803	.090	-137.36	6.69
	17.5%	-15.667	20.803	.993	-87.69	56.36
	20%	.000	20.803	1.000	-72.02	72.02
	22.5%	.000	20.803	1.000	-72.02	72.02
	25%	.000	20.803	1.000	-72.02	72.02
K Pos	K Neg	364.667 [*]	20.803	.000	292.64	436.69
	12.5%	109.333 [*]	20.803	.002	37.31	181.36
	15%	299.333 [*]	20.803	.000	227.31	371.36
	17.5%	349.000 [*]	20.803	.000	276.98	421.02
	20%	364.667 [*]	20.803	.000	292.64	436.69
	22.5%	364.667 [*]	20.803	.000	292.64	436.69
	25%	364.667 [*]	20.803	.000	292.64	436.69
12.5%	K Neg	255.333 [*]	20.803	.000	183.31	327.36
	K Pos	-109.333 [*]	20.803	.002	-181.36	-37.31
	15%	190.000 [*]	20.803	.000	117.98	262.02
	17.5%	239.667 [*]	20.803	.000	167.64	311.69
	20%	255.333 [*]	20.803	.000	183.31	327.36
	22.5%	255.333 [*]	20.803	.000	183.31	327.36
	25%	255.333 [*]	20.803	.000	183.31	327.36
15%	K Neg	65.333	20.803	.090	-6.69	137.36
	K Pos	-299.333 [*]	20.803	.000	-371.36	-227.31
	12.5%	-190.000 [*]	20.803	.000	-262.02	-117.98
	17.5%	49.667	20.803	.310	-22.36	121.69



	20%		65.333	20.803	.090	-6.69	137.36
	22.5%		65.333	20.803	.090	-6.69	137.36
	25%		65.333	20.803	.090	-6.69	137.36
17.5%	K Neg		15.667	20.803	.993	-56.36	87.69
	K Pos		-349.000 [*]	20.803	.000	-421.02	-276.98
	12.5%		-239.667 [*]	20.803	.000	-311.69	-167.64
	15%		-49.667	20.803	.310	-121.69	22.36
	20%		15.667	20.803	.993	-56.36	87.69
	22.5%		15.667	20.803	.993	-56.36	87.69
	25%		15.667	20.803	.993	-56.36	87.69
20%	K Neg		.000	20.803	1.000	-72.02	72.02
	K Pos		-364.667 [*]	20.803	.000	-436.69	-292.64
	12.5%		-255.333 [*]	20.803	.000	-327.36	-183.31
	15%		-65.333	20.803	.090	-137.36	6.69
	17.5%		-15.667	20.803	.993	-87.69	56.36
	22.5%		.000	20.803	1.000	-72.02	72.02
	25%		.000	20.803	1.000	-72.02	72.02
22.5%	K Neg		.000	20.803	1.000	-72.02	72.02
	K Pos		-364.667 [*]	20.803	.000	-436.69	-292.64
	12.5%		-255.333 [*]	20.803	.000	-327.36	-183.31
	15%		-65.333	20.803	.090	-137.36	6.69
	17.5%		-15.667	20.803	.993	-87.69	56.36
	20%		.000	20.803	1.000	-72.02	72.02
	25%		.000	20.803	1.000	-72.02	72.02
25%	K Neg		.000	20.803	1.000	-72.02	72.02
	K Pos		-364.667 [*]	20.803	.000	-436.69	-292.64
	12.5%		-255.333 [*]	20.803	.000	-327.36	-183.31
	15%		-65.333	20.803	.090	-137.36	6.69
	17.5%		-15.667	20.803	.993	-87.69	56.36
	20%		.000	20.803	1.000	-72.02	72.02
	22.5%		.000	20.803	1.000	-72.02	72.02

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Koloni

Tukey HSD^a

Kelompok	N	Subset for alpha = .05		
		1	2	3
K Pos	3	.00		
20%	3	.00		
22.5%	3	.00		
25%	3	.00		
17.5%	3	15.67		
15%	3	65.33		
12.5%	3		255.33	
K Neg	3			364.67
Sig.		.090	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Means Plots

