

LAMPIRAN 2. UJI STATISTIK

a. Kreatinin

Tests of Normality

	Tahap	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kreatinin	Tahap 1	,114	40	,200*	,968	40	,302
	Tahap 2	,192	40	,001	,873	40	,000
	Tahap 3	,207	40	,000	,881	40	,001

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Kreatinin	Based on Mean	1,160	2	117	,317
	Based on Median	,436	2	117	,648
	Based on Median and with adjusted df	,436	2	102,823	,648
	Based on trimmed mean	,938	2	117	,394

Test Statistics^{a,b}

	Kreatinin
Chi-Square	69,112
df	2
Asymp. Sig.	,000

a. Kruskal Wallis

Test

b. Grouping Variable:

Tahap

Test Statistics^a

	Kreatinin
Mann-Whitney U	83,500
Wilcoxon W	903,500
Z	-6,902
Asymp. Sig. (2-tailed)	,000

a. Grouping Variable: Tahap

Test Statistics^a

	Kreatinin
Mann-Whitney U	61,000
Wilcoxon W	881,000
Z	-7,118
Asymp. Sig. (2-tailed)	,000

a. Grouping Variable: Tahap

Multiple Comparisons

Dependent Variable: Kreatinin

Bonferroni

(I) Tahap	(J) Tahap	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Tahap 1	Tahap 2	-,1710*	,01596	,000	-,2098	-,1322
	Tahap 3	,0323	,01596	,137	-,0065	,0710
Tahap 2	Tahap 1	,1710*	,01596	,000	,1322	,2098
	Tahap 3	,2033*	,01596	,000	,1645	,2420
Tahap 3	Tahap 1	-,0323	,01596	,137	-,0710	,0065
	Tahap 2	-,2033*	,01596	,000	-,2420	-,1645

Based on observed means.

The error term is Mean Square(Error) = ,005.

*. The mean difference is significant at the 0,05 level.

b. BUN

Tests of Normality

	tahap	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
BUN	Tahap 1	,105	40	,200*	,961	40	,188
	Tahap 2	,227	40	,000	,794	40	,000
	Tahap 3	,315	40	,000	,631	40	,000

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
BUN	Based on Mean	2,107	2	117	,126
	Based on Median	,790	2	117	,456
	Based on Median and with adjusted df	,790	2	86,782	,457
	Based on trimmed mean	1,536	2	117	,220

Test Statistics^{a,b}

	BUN
Chi-Square	57,090
df	2
Asymp. Sig.	,000

a. Kruskal Wallis Test

b. Grouping Variable: tahap

Test Statistics^a

	BUN
Mann-Whitney U	79,000
Wilcoxon W	899,000
Z	-6,939
Asymp. Sig. (2-tailed)	,000

a. Grouping Variable: tahap

Test Statistics^a

	BUN
Mann-Whitney U	189,500
Wilcoxon W	1009,500
Z	-5,876
Asymp. Sig. (2-tailed)	,000

a. Grouping Variable: tahap

Multiple Comparisons

Dependent Variable: BUN

Bonferroni

(I) tahap	(J) tahap	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Tahap 1	Tahap 2	-13,6775*	1,08617	,000	-16,3157	-11,0393
	Tahap 3	-2,3850	1,08617	,090	-5,0232	,2532
Tahap 2	Tahap 1	13,6775*	1,08617	,000	11,0393	16,3157
	Tahap 3	11,2925*	1,08617	,000	8,6543	13,9307
Tahap 3	Tahap 1	2,3850	1,08617	,090	-,2532	5,0232
	Tahap 2	-11,2925*	1,08617	,000	-13,9307	-8,6543

Based on observed means.

The error term is Mean Square(Error) = 23,595.

*. The mean difference is significant at the 0,05 level.

c. MDA

Tests of Normality

tahapan	Statistic	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		df	Sig.		Statistic	df	Sig.
mda	tahap 1	.300	40	<.001	.711	40	<.001
	tahap 2	.141	40	.045	.952	40	.090
	tahap 3	.322	40	<.001	.668	40	<.001

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

mda		Levene Statistic	df1	df2	Sig. ^a
	Based on Mean	10.753	2	117	<.001
	Based on Median	11.539	2	117	<.001
	Based on Median and with adjusted df	11.539	2	107.917	<.001
	Based on trimmed mean	11.086	2	117	<.001

a. Confidence Interval: 0%

Test Statistics^{a,b}

mda	
Kruskal-Wallis H	34.600
df	2
Asymp. Sig.	<.001

a. Kruskal Wallis Test

b. Grouping Variable:
tahap

Test Statistics^a

	mda
Mann-Whitney U	283.500
Wilcoxon W	1103.500
Z	-4.973
Asymp. Sig. (2-tailed)	<.001

a. Grouping Variable: tahapan

Test Statistics^a

	mda
Mann-Whitney U	429.000
Wilcoxon W	1249.000
Z	-3.571
Asymp. Sig. (2-tailed)	<.001

a. Grouping Variable: tahapan

Multiple Comparisons

Dependent Variable: mda
Bonferroni

(I) tahapan	(J) tahapan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
tahap 1	tahap 2	-131.3500*	18.38915	<.001	-176.0152	-86.6848
	tahap 3	-41.6500	18.38915	.076	-86.3152	3.0152
tahap 2	tahap 1	131.3500*	18.38915	<.001	86.6848	176.0152
	tahap 3	89.7000*	18.38915	<.001	45.0348	134.3652
tahap 3	tahap 1	41.6500	18.38915	.076	-3.0152	86.3152
	tahap 2	-89.7000*	18.38915	<.001	-134.3652	-45.0348

Based on observed means.

The error term is Mean Square(Error) = 6763.220.

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