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LAMPIRAN

Lampiran-1 Uji Statistik pada nilai CT Number dan RED

Tests of Normality

	Variasi Tegangan Tabung	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	Df	Sig.
RED	80 kV	.253	9	.101	.823	9	.038
	100 kV	.233	9	.174	.861	9	.098
	120 kV	.244	9	.130	.850	9	.075
	135 kV	.254	9	.098	.842	9	.061
HU	80 kV	.172	9	.200*	.947	9	.662
	100 kV	.174	9	.200*	.955	9	.748
	120 kV	.181	9	.200*	.956	9	.760
	135 kV	.188	9	.200*	.952	9	.715

*. This is a lower bound of the true significance.
a. Lilliefors Significance Correction

Descriptives

	Variasi Tegangan Tabung			Statistic	Std. Error
RED	80 kV	Mean		.99789	.136095
		95% Confidence Interval for Mean	Lower Bound	.68405	
			Upper Bound	1.31172	
		5% Trimmed Mean		1.02193	
		Median		1.09500	
		Variance		.167	
		Std. Deviation		.408284	
		Minimum		.035	
		Maximum		1.528	
		Range		1.493	
		Interquartile Range		.279	
		Skewness		-1.722	.717
		Kurtosis		4.510	1.400
	100 kV	Mean		1.03856	.146346
		95% Confidence Interval for Mean	Lower Bound	.70108	
			Upper Bound	1.37603	

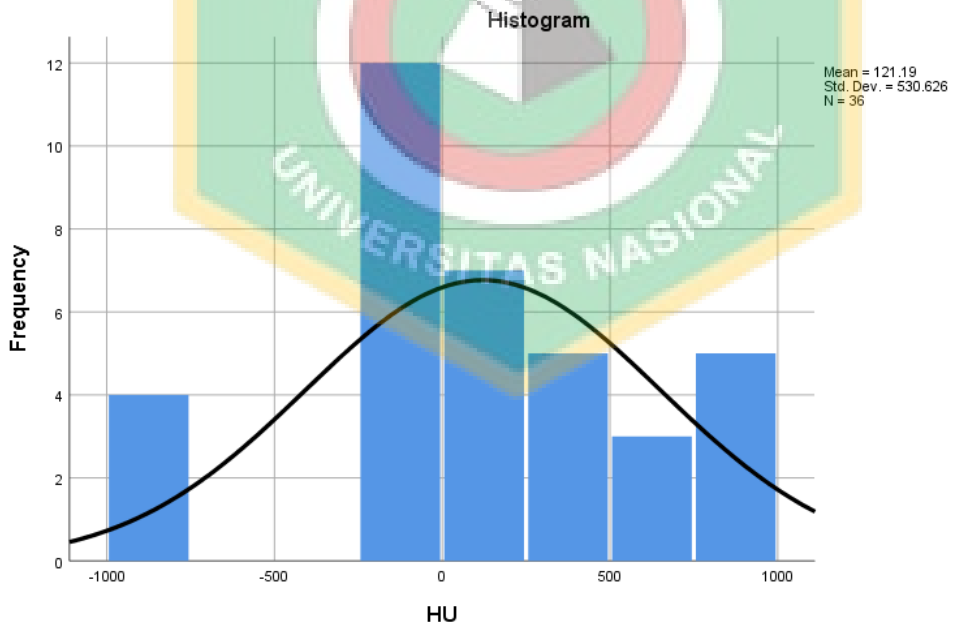
		5% Trimmed Mean		1.06512	
		Median		1.09900	
		Variance		.193	
		Std. Deviation		.439037	
		Minimum		.030	
		Maximum		1.569	
		Range		1.539	
		Interquartile Range		.408	
		Skewness		-1.536	.717
		Kurtosis		3.672	1.400
	120 kV	Mean		1.03222	.143951
		95% Confidence Interval for Mean	Lower Bound	.70027	
			Upper Bound	1.36417	
		5% Trimmed Mean		1.05875	
		Median		1.09900	
		Variance		.186	
		Std. Deviation		.431852	
		Minimum		.026	
		Maximum		1.561	
		Range		1.535	
		Interquartile Range		.372	
		Skewness		-1.644	.717
		Kurtosis		4.061	1.400
	135 kV	Mean		1.03289	.141925
		95% Confidence Interval for Mean	Lower Bound	.70561	
			Upper Bound	1.36017	
		5% Trimmed Mean		1.05938	
		Median		1.10100	
		Variance		.181	
		Std. Deviation		.425775	
		Minimum		.035	
		Maximum		1.554	
		Range		1.519	
		Interquartile Range		.353	
		Skewness		-1.686	.717
		Kurtosis		4.232	1.400
HU	80 kV	Mean		138.11	194.908
		95% Confidence Interval for Mean	Lower Bound	-311.35	
			Upper Bound	587.57	

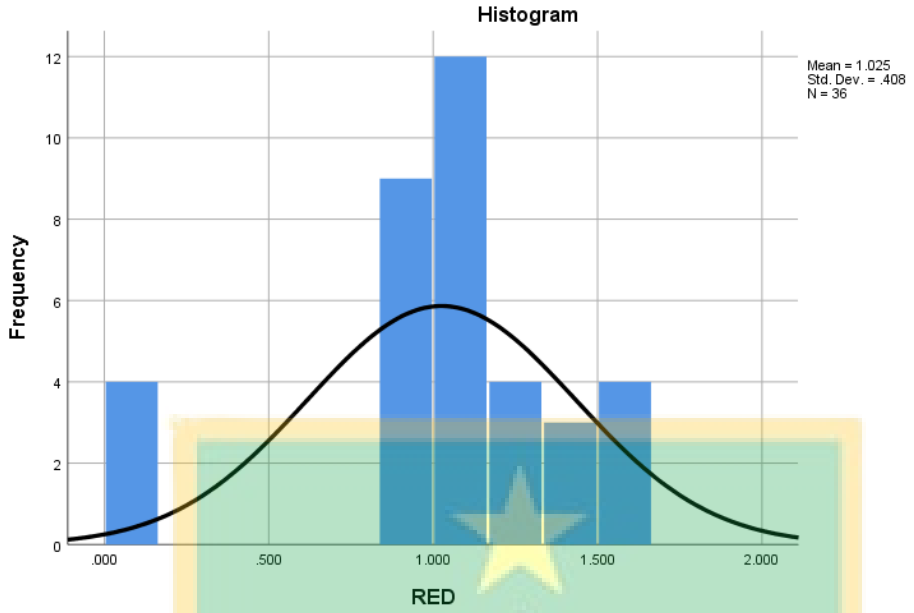
	5% Trimmed Mean		153.79	
	Median		120.00	
	Variance		341901.861	
	Std. Deviation		584.724	
	Minimum		-974	
	Maximum		968	
	Range		1942	
	Interquartile Range		759	
	Skewness		-.364	.717
	Kurtosis		.741	1.400
100 kV	Mean		123.44	186.038
	95% Confidence Interval for Mean	Lower Bound	-305.56	
		Upper Bound	552.45	
	5% Trimmed Mean		139.05	
	Median		129.00	
	Variance		311490.778	
	Std. Deviation		558.114	
	Minimum		-977	
	Maximum		943	
	Range		1920	
	Interquartile Range		681	
	Skewness		-.533	.717
	Kurtosis		1.170	1.400
120 kV	Mean		112.33	180.511
	95% Confidence Interval for Mean	Lower Bound	-303.93	
		Upper Bound	528.59	
	5% Trimmed Mean		127.59	
	Median		128.00	
	Variance		293258.250	
	Std. Deviation		541.533	
	Minimum		-978	
	Maximum		928	
	Range		1906	
	Interquartile Range		629	
	Skewness		-.631	.717
	Kurtosis		1.497	1.400
135 kV	Mean		110.89	177.844
	95% Confidence Interval for Mean	Lower Bound	-299.22	
		Upper Bound	521.00	

	5% Trimmed Mean	126.21	
	Median	134.00	
	Variance	284655.861	
	Std. Deviation	533.531	
	Minimum	-972	
	Maximum	918	
	Range	1890	
	Interquartile Range	605	
	Skewness	-.663	.717
	Kurtosis	1.638	1.400

ANOVA

		Sum of Squares	Df	Mean Square	F	Sig.
HU	Between Groups	4283.639	3	1427.880	.005	1.000
	Within Groups	9850454.000	32	307826.688		
	Total	9854737.639	35			
RED	Between Groups	.009	3	.003	.017	.997
	Within Groups	5.818	32	.182		
	Total	5.827	35			





Lampiran-2 Hasil perhitungan persentase Dactual

Perhitungan % pada Dactual pada organ sekitar payudara dan organ sekitar rektum

- Paru Kiri

80 kV =306 cGy	100 kV = 304 cGy	120 kV =308 cGy	135 kV =296 cGy
Dosis tanpa nilai (DTN): 50 cGy	Dosis tanpa nilai: 50 cGy	Dosis tanpa nilai: 50 cGy	Dosis tanpa nilai: 50 cGy
%= $\frac{306-50}{50}$= 5.12%	%= $\frac{306-50}{50}$= 5.08%	%= $\frac{306-50}{50}$= 5.16%	%= $\frac{306-50}{50}$= 4.92%

- Jantung

80 kV = 240 cGy	100 kV=230 cGy	120 kV=240 cGy	135 kV=220 cGy
Dosis tanpa nilai (DTN): 158 cGy	Dosis tanpa nilai: 158 cGy	Dosis tanpa nilai: 158 cGy	Dosis tanpa nilai: 158 cGy
%= $\frac{240-158}{158}$= 0.51%	%= $\frac{230-158}{158}$= 0.45%	%= $\frac{240-158}{158}$= 0.51%	%= $\frac{220-158}{158}$= 0.39%

- Stoma

80 kV =2144 cGy	100 kV =2145 cGy	120 kV =2145 cGy	135 kV =2145 cGy
Dosis tanpa nilai (DTN): 2014 cGy	Dosis tanpa nilai: 2014 cGy	Dosis tanpa nilai: 2014 cGy	Dosis tanpa nilai: 2014 cGy
%= $\frac{2144-2014}{2014}$= 0.06%	%= $\frac{2145-2014}{2014}$= 1.59%	%= $\frac{2145-2014}{2014}$= 1.59%	%= $\frac{2145-2014}{2014}$= 1.59%

- VU

80 kV = 3850 cGy	100 kV=3850 cGy	120 kV=3850 cGy	135 kV=3850 cGy
Dosis tanpa nilai (DTN): 3840 cGy	Dosis tanpa nilai: 3840 cGy	Dosis tanpa nilai: 3840 cGy	Dosis tanpa nilai: 3840 cGy
%= $\frac{3850-3840}{3840}$= 0.002%	%= $\frac{3850-3840}{3840}$= 0.002%	%= $\frac{3850-3840}{3840}$= 0.002%	%= $\frac{3850-3840}{3840}$= 0.002%

- C.Femur L

80 kV = 2920 cGy	100 kV=2920 cGy	120 kV=2910 cGy	135 kV=2910 cGy
Dosis tanpa nilai (DTN): 2880 cGy	Dosis tanpa nilai: 2880 cGy	Dosis tanpa nilai: 2880 cGy	Dosis tanpa nilai: 2880 cGy
%= $\frac{2920-2880}{2880}$= 0.02%	%= $\frac{2920-2880}{2880}$= 0.02%	%= $\frac{2920-2880}{2880}$= 0.02%	%= $\frac{2920-2880}{2880}$= 0.02%

- C.Femur R

80 kV = 2880 cGy	100 kV=2880 cGy	120 kV=2880 cGy	135 kV=2880 cGy
Dosis tanpa nilai (DTN): 2860 cGy	Dosis tanpa nilai: 2860 cGy	Dosis tanpa nilai: 2860 cGy	Dosis tanpa nilai: 2860 cGy
%= $\frac{2880-2860}{2860}$= 0.7%	%= $\frac{2880-2860}{2860}$= 0.7%	%= $\frac{2880-2860}{2860}$= 0.7%	%= $\frac{2880-2860}{2860}$= 0.7%

PENGARUH KOREKSI CT NUMBER DAN RELATIVE ELECTRON DENSITY (RED) TERHADAP DISTRIBUSI DOSIS PADA PERENCANAAN KASUS KLINIS DI TPS XIO

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