

Hasil Uji Data Statistik SPSS Versi 26

A. Uji Normalitas dan Homogenitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for Jumlah_Koloni	.124	48	.062	.978	48	.511

a. Lilliefors Significance Correction

Levene's Test of Equality of Error Variances^{a,b}

		Levene Statistic	df1	df2	Sig.
Jumlah Kolono Bakteri	Based on Mean	2.759	11	36	.011
	Based on Median	2.507	11	36	.019
	Based on Median and with adjusted df	2.507	11	21.532	.033
	Based on trimmed mean	2.756	11	36	.011

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Dependent variable: Jumlah Kolono Bakteri

b. Design: Intercept + Jenis_Bakteri + Kel_Konsentrasi + Jenis_Bakteri * Kel_Konsentrasi

B. Uji Two Way Anova

Tests of Between-Subjects Effects

Dependent Variable: Jumlah Kolono Bakteri

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	270498.229 ^a	11	24590.748	1915.126	.000
Intercept	1108359.445	1	1108359.445	86318.962	.000
Jenis_Bakteri	406.125	1	406.125	31.629	.000
Kel_Konsentrasi	268287.083	7	38326.726	2984.883	.000
Jenis_Bakteri * Kel_Konsentrasi	2023.125	3	674.375	52.520	.000
Error	462.250	36	12.840		
Total	1527111.000	48			
Corrected Total	270960.479	47			

a. R Squared = .998 (Adjusted R Squared = .998)

C. Uji Lanjut Pos Hoc Duncan

Jumlah Kolono Bakteri

Duncan^{a,b,c}

Kel_Konsentrasi	N	Subset					
		1	2	3	4	5	6
K- Stap E	4	.00					
K- Sal T	4	.00					
2 gram	8		165.13				
4 gram	8			189.00			
6 gram	8			191.88	191.88		
8 gram	8				195.50		
K+ Stap E	4					226.75	
K+ Sal T	4						231.50
Sig.		1.000	1.000	.198	.107	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 12.840.

a. Uses Harmonic Mean Sample Size = 5.333.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = .05.

