

DATA ANALYSIS

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
TNF- α (pg/mL)	K1	5	187.53040	32.316931	14.452571	147.40363	227.65717	163.353	244.244
	K2	5	127.99800	29.754233	13.306497	91.05324	164.94276	109.097	180.659
	K3	5	159.55980	56.442211	25.241724	89.47754	229.64206	92.168	244.244
	K4	5	162.53840	53.834787	24.075649	95.69368	229.38312	116.701	228.429
	K5	5	141.89080	37.228678	16.649171	95.66529	188.11631	101.984	193.194
	Total	25	155.90348	44.610323	8.922065	137.48924	174.31772	92.168	244.244
CRP	K1	5	2.27180	.284524	.127243	1.91852	2.62508	1.949	2.599
	K2	5	2.24060	.075308	.033679	2.14709	2.33411	2.147	2.325
	K3	5	2.15500	.313713	.140297	1.76547	2.54453	1.756	2.501
	K4	5	2.64720	.383997	.171729	2.17040	3.12400	2.257	3.200
	K5	5	2.78100	.270432	.120941	2.44521	3.11679	2.342	3.049
	Total	25	2.41912	.362518	.072504	2.26948	2.56876	1.756	3.200

TNF- α dan CRP

Case Processing Summary

		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
TNF- α (pg/mL)	K1	5	100.0%	0	0.0%	5	100.0%
	K2	5	100.0%	0	0.0%	5	100.0%
	K3	5	100.0%	0	0.0%	5	100.0%
	K4	5	100.0%	0	0.0%	5	100.0%
	K5	5	100.0%	0	0.0%	5	100.0%
CRP	K1	5	100.0%	0	0.0%	5	100.0%
	K2	5	100.0%	0	0.0%	5	100.0%
	K3	5	100.0%	0	0.0%	5	100.0%
	K4	5	100.0%	0	0.0%	5	100.0%
	K5	5	100.0%	0	0.0%	5	100.0%

Tests of Normality

		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
TNF- α (pg/mL)	K1	.384	5	.015	.729	5	.019
	K2	.397	5	.010	.691	5	.008
	K3	.234	5	.200*	.961	5	.818
	K4	.333	5	.074	.790	5	.067
	K5	.182	5	.200*	.956	5	.782
CRP	K1	.216	5	.200*	.916	5	.507
	K2	.186	5	.200*	.940	5	.669
	K3	.182	5	.200*	.941	5	.672

Tests of Normality

	koding kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
	K4	.253	5	.200*	.927	5	.577
	K5	.240	5	.200*	.899	5	.405

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

a. Lilliefors Significance Correction

Results of Normality Analysis of TNF- α Level Data Distribution After Logarithmic Transformation

Case Processing Summary

	koding kelompok	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Lg_ TNF	K1	5	100.0%	0	0.0%	5	100.0%
	K2	5	100.0%	0	0.0%	5	100.0%
	K3	5	100.0%	0	0.0%	5	100.0%
	K4	5	100.0%	0	0.0%	5	100.0%
	K5	5	100.0%	0	0.0%	5	100.0%

Tests of Normality

	koding kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Lg_ TNF	K1	.367	5	.026	.761	5	.037
	K2	.377	5	.019	.725	5	.017
	K3	.182	5	.200*	.980	5	.935
	K4	.320	5	.103	.802	5	.083
	K5	.180	5	.200*	.965	5	.844

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

a. Lilliefors Significance Correction

Results of the Analysis of the Homogeneity of Variance of TNF- α and CRP Level Data

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
TNF- α (pg/mL)	1.215	4	20	.336
CRP	2.736	4	20	.058

Results of Comparative Analysis of TNF- α Level Data

NPar Tests

Kruskal-Wallis Test

Ranks			
	koding kelompok	N	Mean Rank
TNF- α (pg/mL)	K1	5	18.60
	K2	5	8.30
	K3	5	13.20
	K4	5	14.20
	K5	5	10.70
	Total	25	

Test Statistics ^{a,b}	
	TNF- α (pg/mL)
Chi-Square	5.580
df	4
Asymp. Sig.	.233

a. Kruskal Wallis Test

b. Grouping Variable: koding kelompok

Results of Comparative Analysis of CRP Level Data

Oneway

ANOVA

CRP

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.532	4	.383	4.720	.008
Within Groups	1.623	20	.081		
Total	3.154	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: CRP

LSD

(I) koding kelompok	(J) koding kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K1	K2	.031200	.180140	.864	-.34456	.40696
	K3	.116800	.180140	.524	-.25896	.49256
	K4	-.375400	.180140	.050	-.75116	.00036
	K5	-.509200*	.180140	.010	-.88496	-.13344
K2	K1	-.031200	.180140	.864	-.40696	.34456
	K3	.085600	.180140	.640	-.29016	.46136
	K4	-.406600*	.180140	.035	-.78236	-.03084
	K5	-.540400*	.180140	.007	-.91616	-.16464

Multiple Comparisons

Dependent Variable: CRP

LSD

(I) coding kelompok	(J) coding kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K3	K1	-.116800	.180140	.524	-.49256	.25896
	K2	-.085600	.180140	.640	-.46136	.29016
	K4	-.492200*	.180140	.013	-.86796	-.11644
	K5	-.626000*	.180140	.002	-1.00176	-.25024
K4	K1	.375400	.180140	.050	-.00036	.75116
	K2	.406600*	.180140	.035	.03084	.78236
	K3	.492200*	.180140	.013	.11644	.86796
	K5	-.133800	.180140	.466	-.50956	.24196
K5	K1	.509200*	.180140	.010	.13344	.88496
	K2	.540400*	.180140	.007	.16464	.91616
	K3	.626000*	.180140	.002	.25024	1.00176
	K4	.133800	.180140	.466	-.24196	.50956

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