

**Lampiran 2**

1. Membandingkan Respon Sitokin IL-2 terhadap pemberian antigen pada kelompok sehat, kontak, pasien.

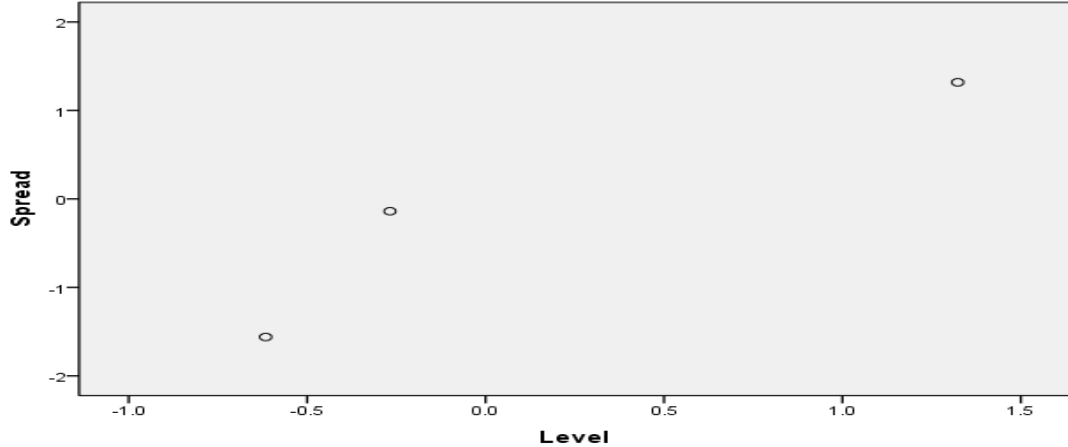
**Tests of Normality**

Sampel		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Antigen	Sehat	.229	8	.200*	.886	8	.213
	kontak	.157	8	.200*	.920	8	.429
	Pasien	.200	8	.200*	.927	8	.488

a. Lilliefors Significance Correction

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

**Spread vs. Level Plot of Antigen by Sampel**



\* Plot of LN of Spread vs LN of Level

Slope = 1.309 Power for transformation = -.309

Slope 1.309, Power Transformation -0.309 maka bentuk transformasi terbaik adalah  $1/\sqrt{x}$ , karena hasil transform one way Anova  $P=0,004$ ,  $P<0,05$  maka dilakukan uji Non Parametrik Mann Whitney.

**ANOVA**

Antigen\_transform

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.775	2	1.888	7.155	.004
Within Groups	5.540	21	.264		
Total	9.315	23			

Sehat-Kontak

Test Statistics <sup>b</sup>	
	Antigen
Mann-Whitney U	19.000
Wilcoxon W	55.000
Z	-1.366
Asymp. Sig. (2-tailed)	.172
Exact Sig. [2*(1-tailed Sig.)]	.195 <sup>a</sup>

- a. Not corrected for ties.
- b. Grouping Variable: Sampel

Dengan uji Man whitney

P=0.172 tidak ada perbedaan

Sehat-pasien

Test Statistics <sup>b</sup>	
	Antigen
Mann-Whitney U	.000
Wilcoxon W	36.000
Z	-3.363
Asymp. Sig. (2-tailed)	.001
Exact Sig. [2*(1-tailed Sig.)]	.000 <sup>a</sup>

- a. Not corrected for ties.
- b. Grouping Variable: Sampel

P=0.001 terdapat perbedaan

Kontak-Pasien

Test Statistics <sup>b</sup>	
	Antigen
Mann-Whitney U	7.000
Wilcoxon W	43.000
Z	-2.626
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.007 <sup>a</sup>

- a. Not corrected for ties.
- b. Grouping Variable: Sampel

P=0.009 terdapat perbedaan



2. Membandingkan Respon Sitokin terhadap pemberian Antigen, PPD, dan kontrol negatif pada kelompok sehat

**Tests of Normality**

Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Sehat Antigen	.229	8	.200*	.886	8	.213
- PPD	.201	8	.200*	.972	8	.913
Kontrol	.262	8	.113	.882	8	.198

a. Lilliefors Significance Correction

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

**Test of Homogeneity of Variances**

Sehat

Levene Statistic	df1	df2	Sig.
1.481	2	21	.250

**ANOVA**

Sehat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.538	2	.269	2.956	.074
Within Groups	1.910	21	.091		
Total	2.448	23			

F hitung sama dengan 2.956, sedangkan F table 3.4668

P=0.074 > 0.05

Maka H<sub>0</sub> diterima

3. Membandingkan Respon Sitokin terhadap pemberian Antigen, PPD, dan kontrol negatif pada kelompok kontak

**Tests of Normality**

Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Kontak Antigen	.157	8	.200*	.920	8	.429
PPD	.239	8	.198	.870	8	.152
Kontrol	.254	8	.138	.870	8	.152

a. Lilliefors Significance Correction

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

**Test of Homogeneity of Variances**

Kontak

Levene Statistic	df1	df2	Sig.
.344	2	21	.713

**ANOVA**

Kontak

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.059	2	.029	.231	.796
Within Groups	2.677	21	.127		
Total	2.736	23			

P > 0.05 maka tidak terdapat perbedaan

4. Membandingkan Respon Sitokin terhadap pemberian Antigen, PPD, dan kontrol negatif pada kelompok pasien

**Tests of Normality**

Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pasien Antigen	.200	8	.200*	.927	8	.488
PPD	.232	8	.200*	.853	8	.103
Kontrol	.222	8	.200*	.866	8	.139

a. Lilliefors Significance Correction

**Tests of Normality**

Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pasien Antigen	.200	8	.200*	.927	8	.488
PPD	.232	8	.200*	.853	8	.103
Kontrol	.222	8	.200*	.866	8	.139

a. Lilliefors Significance Correction

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

**Test of Homogeneity of Variances**

Pasien

Levene Statistic	df1	df2	Sig.
2.685	2	21	.092

**ANOVA**

Pasien

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12.371	2	6.186	2.622	.096
Within Groups	49.538	21	2.359		
Total	61.909	23			