

## Hasil Uji Data SPSS

### a. Uji normalitas

**Tests of Normality**

perl		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
luas	k-	.241	10	.105	.819	10	.025
	k+	.134	10	.200 <sup>*</sup>	.947	10	.630
	jm	.210	10	.200 <sup>*</sup>	.897	10	.201
	bk	.178	10	.200 <sup>*</sup>	.916	10	.321
	bkjm	.173	10	.200 <sup>*</sup>	.961	10	.803

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

a. Lilliefors Significance Correction

### b. Uji Kruskal wallis

#### 1) Luas P. Langerhans

**Hypothesis Test Summary**

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of luas is the same across categories of perl.	Independent-Samples Kruskal-Wallis Test	.811	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

#### 2) Sel beta

**Hypothesis Test Summary**

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of selbeta is the same across categories of perl.	Independent-Samples Kruskal-Wallis Test	.104	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

#### 3) Angiektasis

**Hypothesis Test Summary**

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of Angiektasis is the same across categories of perl.	Independent-Samples Kruskal-Wallis Test	.208	Retain the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

### c. Uji Chi Square

#### 1) Edema

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.365 <sup>a</sup>	8	.823
Likelihood Ratio	5.078	8	.749
Linear-by-Linear Association	.279	1	.597
N of Valid Cases	50		

a. 10 cells (66,7%) have expected count less than 5. The minimum expected count is ,40.

#### 2) Infiltrasi

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	26.619 <sup>a</sup>	12	.009
Likelihood Ratio	28.942	12	.004
Linear-by-Linear Association	5.209	1	.022
N of Valid Cases	50		

a. 20 cells (100,0%) have expected count less than 5. The minimum expected count is ,80.

#### 3) Nekrosis

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	8.609 <sup>a</sup>	8	.376
Likelihood Ratio	10.181	8	.253
Linear-by-Linear Association	1.356	1	.244
N of Valid Cases	50		

a. 15 cells (100,0%) have expected count less than 5. The minimum expected count is 1,40.

4) Hemoragi

**Chi-Square Tests**

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	13.500 <sup>a</sup>	12	.334
Likelihood Ratio	14.655	12	.261
Linear-by-Linear Association	1.457	1	.227
N of Valid Cases	50		

a. 15 cells (75,0%) have expected count less than 5. The minimum expected count is ,20.

**d. Uji Mann Withney**

**Ranks**

perl	N	Mean Rank	Sum of Ranks
Infiltrasisel k-	10	6.40	64.00
k+	10	14.60	146.00
Total	20		

**Test Statistics<sup>a</sup>**

	Infiltrasisel
Mann-Whitney U	9.000
Wilcoxon W	64.000
Z	-3.292
Asymp. Sig. (2-tailed)	.001
Exact Sig. [2*(1-tailed Sig.)]	.001 <sup>b</sup>

a. Grouping Variable: perl

b. Not corrected for ties.

### Ranks

perl	N	Mean Rank	Sum of Ranks
Infiltrasisel k+	10	10.50	105.00
jm	10	10.50	105.00
Total	20		

### Test Statistics<sup>a</sup>

	Infiltrasisel
Mann-Whitney U	50.000
Wilcoxon W	105.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000 <sup>b</sup>

a. Grouping Variable: perl

b. Not corrected for ties.

### Ranks

perl	N	Mean Rank	Sum of Ranks
Infiltrasisel k-	10	7.00	70.00
bk	10	14.00	140.00
Total	20		

### Test Statistics<sup>a</sup>

	Infiltrasisel
Mann-Whitney U	15.000
Wilcoxon W	70.000
Z	-2.936
Asymp. Sig. (2-tailed)	.003
Exact Sig. [2*(1-tailed Sig.)]	.007 <sup>b</sup>

a. Grouping Variable: perl

b. Not corrected for ties.

### Ranks

perl	N	Mean Rank	Sum of Ranks
Infiltrasisel jm	10	11.25	112.50
bkjm	10	9.75	97.50
Total	20		

### Test Statistics<sup>a</sup>

	Infiltrasisel
Mann-Whitney U	42.500
Wilcoxon W	97.500
Z	-.622
Asymp. Sig. (2-tailed)	.534
Exact Sig. [2*(1-tailed Sig.)]	.579 <sup>b</sup>

a. Grouping Variable: perl

b. Not corrected for ties.

Hasil Rata-Rata Data Penelitian

KODE SAMPEL	LUAS P. LANGERHANS					
	LP1	LP2	LP3	LP4	LP5	RERATA
K-1	602.7	208.14	541.11	213.03	159.8	344,96
K-2	610.87	130.26	549.78	305.77	134.69	346,27
RERATA						345,62
K+1	283.01	138.15	388.63	336.99	188.79	267.11
K+2	462.64	399.17	282.35	148.04	505.99	359,64
RERATA						313,38
P1.1	355.48	237.82	173.26	342,00	339.96	289,70
P1.2	177.04	183.74	98.2	138.87	557.96	231,16
RERATA						260,43
P2.1	197.92	152.65	370.59	495.34	476.97	338,69
P2.2	139.85	209.68	229.79	290.41	321.03	238,42
RERATA						288,42
P3.1	229.25	266.73	212.81	196.83	230.61	227,25
P3.2	328.96	140.64	274.06	235.17	238.79	243,39
RERATA						235,39

KODE SAMPEL	HITUNG SEL BETA					
	LP1	LP2	LP3	LP4	LP5	
K-1	121	48	93	51	55	73,60
K-2	104	23	109	61	31	65,60
RERATA						69,60
K+1	40	11	75	51	18	39,00
K+2	71	44	41	17	166	67,80
RERATA						53,40
P1.1	22	37	18	57	37	34,20
P1.2	25	42	17	21	94	39,80
RERATA						37,00
P2.1	34	19	69	106	154	76,40
P2.2	23	44	39	75	53	46,80
RERATA						61,60
P3.1	46	74	59	53	58	58,00
P3.2	110	22	64	39	59	58,80
RERATA						58,40

KODE SAMPEL	ANGIEKTASIS					
	LP1	LP2	LP3	LP4	LP5	RERATA
K-1	1	2	1	2	2	1,60
K-2	2	3	2	1	1	1,80
RERATA						1,70
K+1	1	2	3	3	4	2,60
K+2	2	1	2	2	3	2,00
RERATA						2,30
P1.1	3	4	3	2	1	2,60
P1.2	2	2	2	3	3	2,40
RERATA						2,50
P2.1	2	2	3	2	3	2,40
P2.2	3	1	2	2	2	2,00
RERATA						2,20
P3.1	1	1	2	2	2	1,60
P3.2	2	2	2	3	3	2,40
RERATA						2,00

KODE SAMPel	EDEMA INTERSTITIAL						INFILTRASI SEL RADANG					
	LP1	LP2	LP3	LP4	LP5	RERATA	LP1	LP2	LP3	LP4	LP5	RERATA
K-1	1	2	2	2	2	1,80	0	0	1	1	1	0,60
K-2	1	2	1	1	1	1,20	0	1	0	1	1	0,60
<b>RERATA</b>						<b>1,50</b>						<b>0,60</b>
K+1	2	3	3	3	1	2,40	2	3	3	2	1	2,20
K+2	3	1	2	2	2	2,00	2	2	2	1	1	1,60
<b>RERATA</b>						<b>2,20</b>						<b>1,90</b>
P1.1	2	1	2	3	2	2,00	1	2	3	2	2	2,00
P1.2	2	2	2	1	1	1,60	2	2	3	1	1	1,80
<b>RERATA</b>						<b>1,80</b>						<b>1,90</b>
P2.1	1	2	1	2	2	1,60	1	1	1	2	2	1,40
P2.2	2	1	1	1	2	1,40	2	1	1	2	2	1,60
<b>RERATA</b>						<b>1,50</b>						<b>1,50</b>
P3.1	1	1	1	2	2	1,40	2	2	1	1	1	1,40
P3.2	2	1	1	2	2	1,60	2	3	1	2	2	2,00
<b>RERATA</b>						<b>1,50</b>						<b>1,70</b>

KODE SAMPel	NEKROSIS						HEMORAGI					
	LP1	LP2	LP3	LP4	LP5	RERATA	LP1	LP2	LP3	LP4	LP5	RERATA
K-1	1	1	2	1	1	1,20	0	1	1	1	1	0,80
K-2	1	1	2	2	2	1,60	2	1	2	2	1	1,60
<b>RERATA</b>						<b>1,40</b>						<b>1,20</b>
K+1	1	2	2	3	3	2,20	2	1	1	1	2	1,40
K+2	2	2	1	1	1	1,40	3	2	1	1	2	1,80
<b>RERATA</b>						<b>1,80</b>						<b>1,60</b>
P1.1	2	2	1	1	2	1,60	3	2	2	3	2	2,40
P1.2	2	1	2	3	2	2,00	2	2	1	2	2	1,80
<b>RERATA</b>						<b>1,80</b>						<b>2,10</b>
P2.1	1	2	2	3	3	2,20	2	1	1	2	3	1,80
P2.2	2	2	2	3	2	2,20	2	2	2	2	1	1,80
<b>RERATA</b>						<b>2,20</b>						<b>1,80</b>
P3.1	1	3	2	2	2	2,00	1	2	2	2	1	1,60
P3.2	2	1	1	1	1	1,20	2	1	1	1	2	1,40
<b>RERATA</b>						<b>1,60</b>						<b>1,50</b>