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Lampiran 1

FORMULIR PERSETUJUAN MENGIKUTI PENELITIAN
SETELAH MENDAPAT PENJELASAN

Setelah membaca informasi penelitian serta mendengar penjelasan dan menyadari pentingnya penelitian:

Kadar interleukin 1 alpha pada berbagai gradasi lesi akne vulgaris

Saya, yang bertanda tangan dibawah ini:
Nama   : _____
Umur   : _____
Alamat   : _____
Telepon   : _____

setelah mendengar/ membaca dan mengerti penjelasan yang diberikan mengenai tujuan, manfaat apa yang akan dilakukan dalam penelitian ini, bersama ini menyatakan kesediaan saya secara sukarela tanpa paksaan mengikuti penelitian ini dan mentaati semua prosedur yang akan dilakukan dalam penelitian ini.

Saya mengerti bahwa prosedur dengan cara pengambilan lesi akne vulgaris di wajah, kemungkinan bisa menimbulkan akibat yang tidak diinginkan seperti ketidaknyamanan atau infeksi namun saya yakin tindakan pemeriksaan akan dilakukan secara bebas hama dan dengan penuh kehati-hatian oleh petugas yang terlatih untuk mencegah hal-hal yang tidak diinginkan.

Saya tahu bahwa keikutsertaan saya ini bersifat sukarela tanpa paksaan, sehingga saya bisa menolak ikut atau mengundurkan diri dari penelitian ini tanpa kehilangan hak saya untuk mendapat pelayanan kesehatan. Saya juga berhak bertanya atau meminta penjelasan kepada peneliti bila masih ada hal yang belum jelas atau masih ada hal yang ingin saya ketahui tentang penelitian ini.

Saya mengerti bahwa semua biaya yang dikeluarkan sehubungan dengan penelitian ini ditanggung oleh peneliti. Demikian juga biaya perawatan dan pengobatan bila terjadi hal-hal yang tidak diinginkan akibat penelitian ini, akan dibiayai oleh peneliti.

Saya percaya bahwa keamanan dan kerahasiaan data penelitian akan terjamin dan saya dengan ini menyetujui semua data yang dihasilkan pada penelitian ini untuk disajikan dalam bentuk lisan maupun tulisan.

Bila terjadi perbedaan pendapat di kemudian hari, kami akan menyelesaikannya secara kekeluargaan.

Makassar........................2013

	NAMA	**TANDA TANGAN**
TGL/BLN/THN		
Klien	....	....
Saksi 1	....	....
Saksi 2	....	....

Penanggungjawab Medis

Nama   : Dr. dr. Anis Irawan Anwar, SpKK (K)
Alamat : Jl Sungai Saddang Baru A11/7A, Makassar
Telpon : 04115012566 / 0811412678

Penanggungjawab Peneliti

Nama   : dr. Wiwin Mulianingsih
Alamat : Rusunawa Unhas Cempaka 311, Makassar
Telpon : 04115760093 / 081353456772

DISETUJUI
Komisi Etik Penelitian Kesehatan
FK Unhas Tgl ……………………

Lampiran.2

KUESIONER PENELITIAN
KADAR INTERLEUKIN-1 ALPHA PADA
BERBAGAI GRADASI LESI AKNE VULGARIS

_____

No. Urut　　　:　　　　　　　　　　　　Makassar, ... 2013

Nama　　　　:

Alamat　　　:

Umur　　　　:　　　　Tahun

Nomor Telp　:

Jenis Kelamin :　| 1 |　Pria　　　　　| 2 |　Wanita

Pendidikan　　:　| 1 |　SD　　　　　　| 2 |　SMP

　　　　　　　　　| 3 |　SMA/Sederajat　| 4 |　Akademi / Sarjana

　　　　　　　　　| 5 |　Tidak sekolah

Pekerjaan　　:　| 1 |　Ibu rumah tangga | 2 |　Profesional

　　　　　　　　　| 3 |　ABRI/Polisi　　| 4 |　Pegawai negeri

　　　　　　　　　| 5 |　Wiraswasta　　| 6 |　Karyawan swasta

　　　　　　　　　| 7 |　Lainnya

Aktivitas rutin:　| 1 |　Dalam ruangan | 2 |　Luar ruangan

Suku　　　　:　| 1 |　Makassar　　| 2 |　Bugis

　　　　　　　　　| 3 |　Mandar　　　| 4 |　Toraja

　　　　　　　　　| 5 |　Enrekang　　| 6 |　Jawa

　　　　　　　　　| 7 |　Palopo　　　| 8 |　Lainnya

Lingkungan kerja:　| 1 |　Stres ringan　| 2 |　Stres sedang

| 3 | Stres berat | 4 | Tidak ada |

Sering tidaknya memencet jerawat   : | 1 | Ya | 2 | Tidak

Suka mengkonsumsi makanan pedas : | 1 | Ya | 2 | Tidak

Merokok : | 1 | Ya | 2 | Tidak

Alkohol: | 1 | Ya | 2 | Tidak

Riwayat Keluarga yang sedang menderita Akne   : | 1 | Ayah | 2 | Ibu | 3 | Kakak/adik

Makanan (kebiasaan makan): | 1 | Kacang | 2 | Cokelat | 3 | Makanan Berminyak | 4 | Lainnya

Riwayat Akne: …………..tahun .... bulan

Tipe Akne   :

| 1 | Komedonal

| 2 | Papulo-pustular

| 3 | Nodul

Lampiran 3

Data sampel kadar IL-1α pada lesi komedonal

Kode Sampel	Hasil			Rata-rata (pg/ml)
	A	B	C	
01	751,9504	570,8326	964,7313	762,5047548
02	413,8622	149,3925	511,6157	358,2901235
03	610,4887	559,8612	227,1606	465,8368178
04	934,4067	908,8827	963,635	935,6414571
05	721,7599	169,7609	112,5521	334,6909699
06	55,37104	302,0253	90,62427	149,3401924
07	437,3912	73,15811	109,7204	206,7565734
08	884,3097	134,8649	276,8777	432,0174377
09	270,4489	776,0497	807,9546	618,1510716
10	461,3184	61,78721	448,0059	323,7038246

Lampiran 4

Data sampel kadar IL-1α pada lesi papulopustular

Kode Sampel	Hasil			Rata-rata (pg/ml)
	A	B	C	
11	36,63447	39,18206	35,99794	37,27148931
12	926,2452	831,8394	824,1288	860,7377948
13	645,4562	156,4616	461,5609	421,1595744
14	85,65393	167,7623	42,58249	98,66623817
15	396,913	272,2844	152,4832	273,8935157
16	801,8717	522,448	91,48955	471,9364265
17	309,2125	103,848	480,5258	297,8621143
18	215,8662	62,00134	253,7478	177,2051172
19	160,8882	200,7953	87,81389	149,832465
20	535,5377	532,8172	275,9585	448,1044574

Lampiran 5

Data sampel kadar IL-1α pada lesi nodular

Kode Sampel	Hasil			Rata-rata (pg/ml)
	A	B	C	
21	165,765	170,8718	31,12269	122,5865065
22	157,3464	103,848	548,9211	270,0385234
23	294,8536	130,6958	125,2191	183,5894954
24	232,823	32,1818	506,7023	257,2356842
25	88,67833	208,4341	60,07481	119,0624177
26	582,0858	782,3591	37,69568	467,3802045
27	65,00077	350,7828	96,03655	170,6067013
28	61,35901	395,2463	442,9359	299,8470701

Lampiran 6

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Komedonal	8	80.0%	2	20.0%	10	100.0%

Descriptives

			Statistic	Std. Error
Komedonal	Mean		528.8549	79.08727
	95% Confidence Interval for Mean	Lower Bound	341.8432	
		Upper Bound	715.8666	
	5% Trimmed Mean		517.6529	
	Median		448.9284	
	Variance		50038.368	
	Std. Deviation		223.69258	
	Minimum		323.70	
	Maximum		935.64	
	Range		611.94	
	Interquartile Range		385.83	
	Skewness		.999	.752
	Kurtosis		-.166	1.481

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Komedonal	.236	8	.200[*]	.873	8	.161

a. Lilliefors Significance Correction

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

Lampiran 7

Histogram

Mean =528.85
Std. Dev. =223.693
N =8

Komedonal

Normal Q-Q Plot of Komedonal
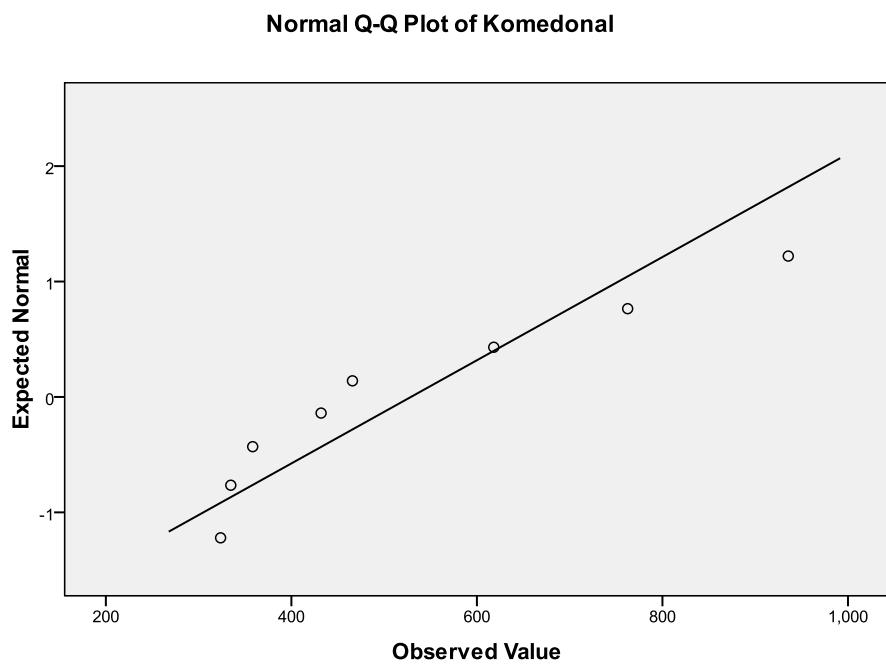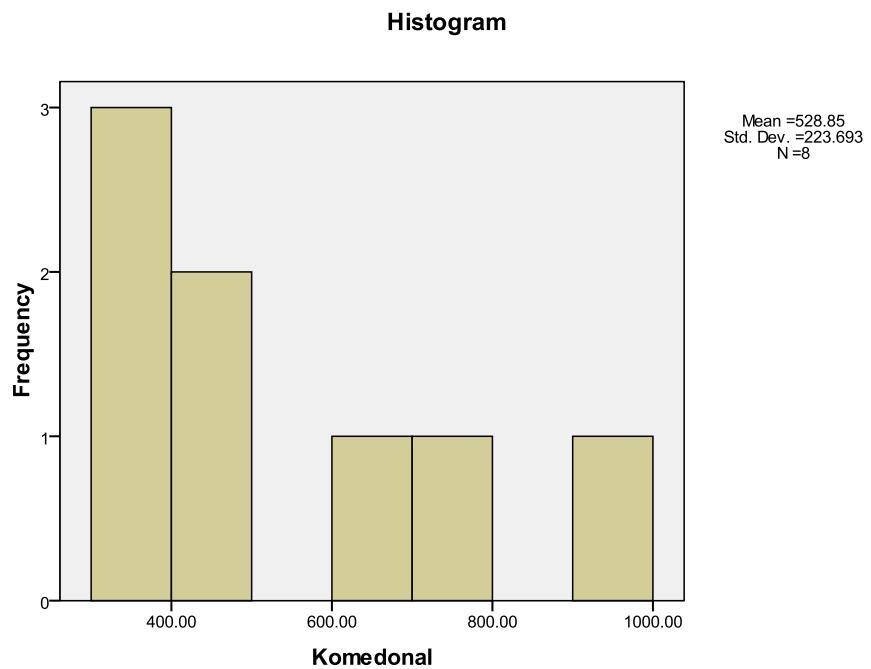
Detrended Normal Q-Q Plot of Komedonal
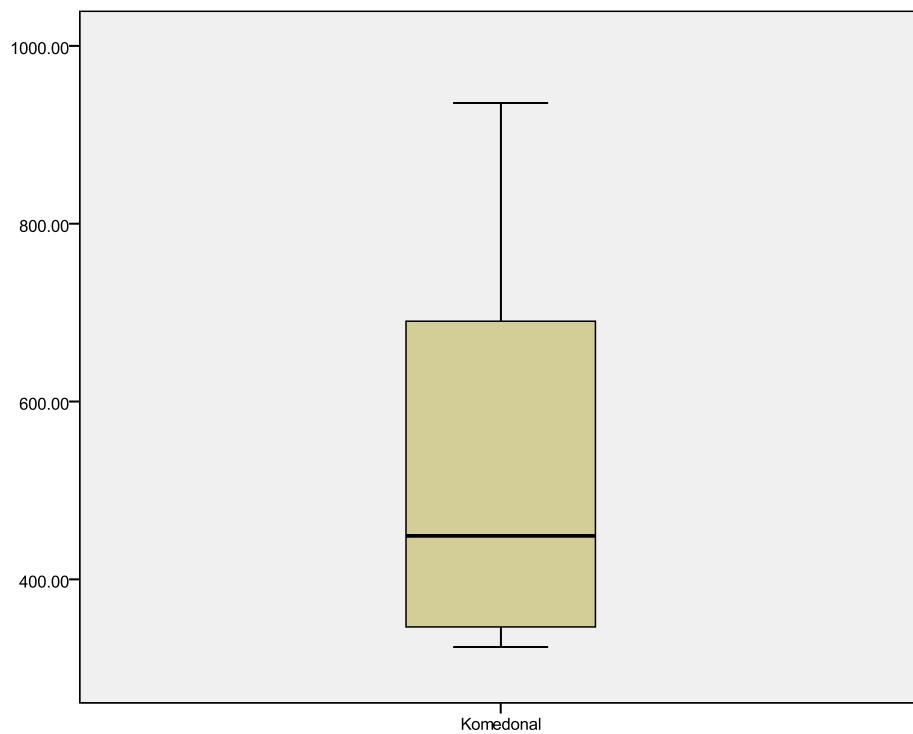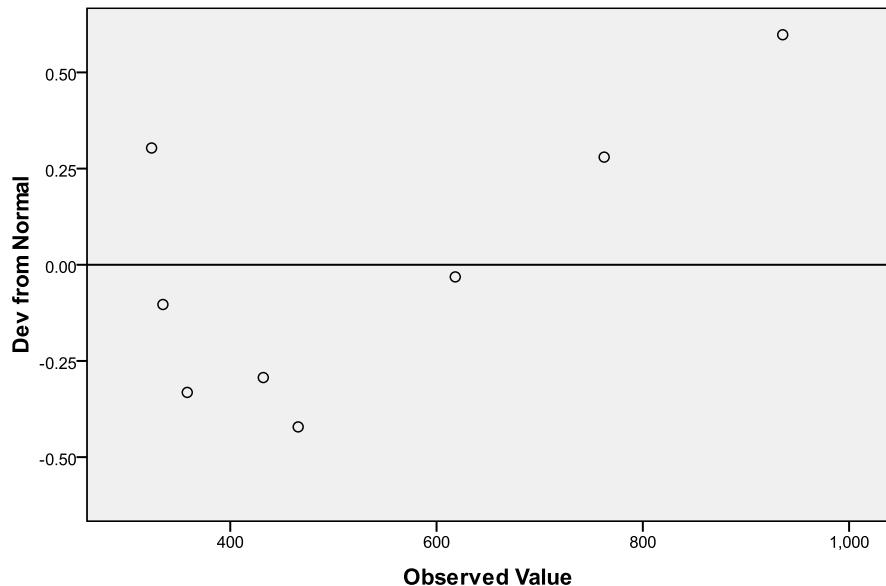
EXAMINE VARIABLES=pustular   /PLOT BOXPLOT HISTOGRAM NPPLOT
/COMPARE GROUP   /STATISTICS DESCRIPTIVES   /CINTERVAL 95
/MISSING LISTWISE   /NOTOTAL.

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Pustular	8	80.0%	2	20.0%	10	100.0%

Descriptives

			Statistic	Std. Error
Pustular	Mean		292.3325	50.80717
	95% Confidence Interval for Mean	Lower Bound	172.1926	
		Upper Bound	412.4724	
	5% Trimmed Mean		293.1137	
	Median		285.8778	
	Variance		20650.951	
	Std. Deviation		143.70439	
	Minimum		98.67	
	Maximum		471.94	
	Range		373.27	
	Interquartile Range		284.69	
	Skewness		.001	.752
	Kurtosis		-1.765	1.481

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pustular	.190	8	.200[*]	.918	8	.413

a. Lilliefors Significance Correction

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

Histogram

Mean =292.33
Std. Dev. =143.704
N =8
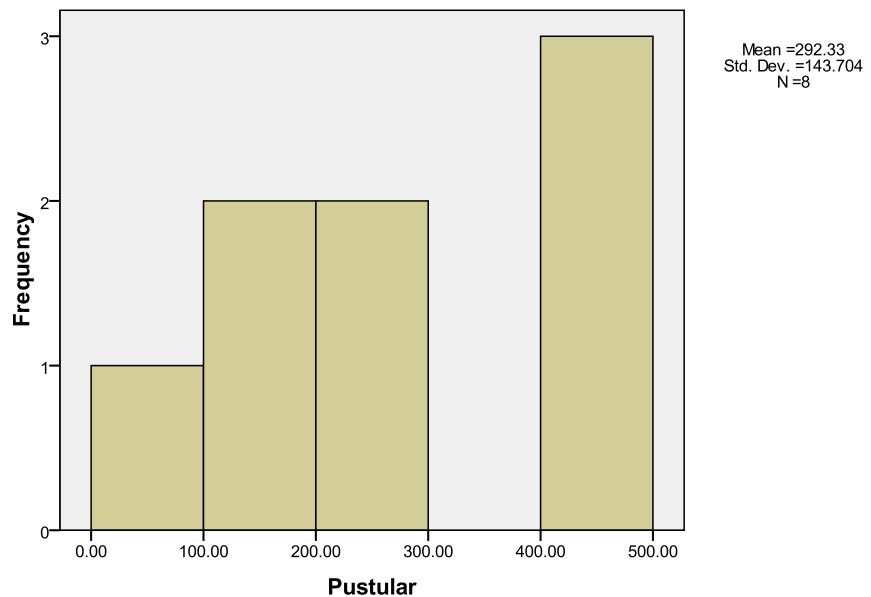
Normal Q-Q Plot of Pustular
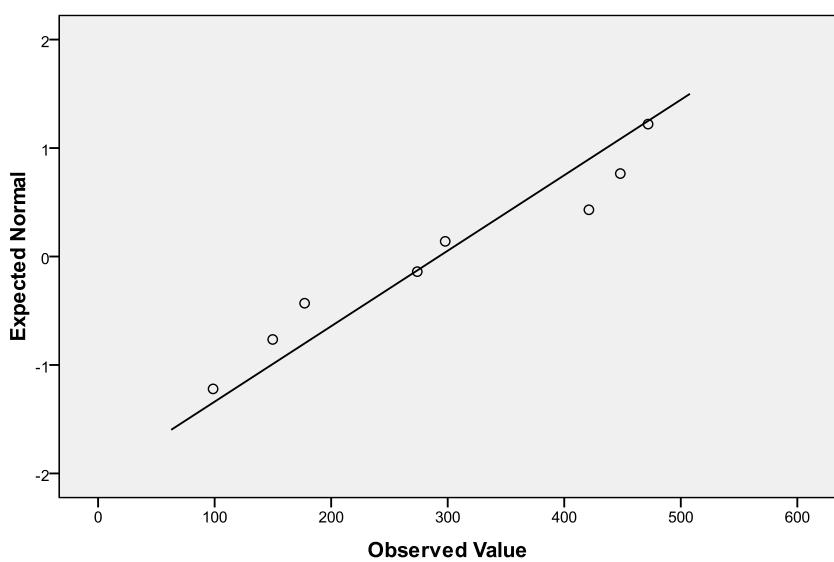
Detrended Normal Q-Q Plot of Pustular
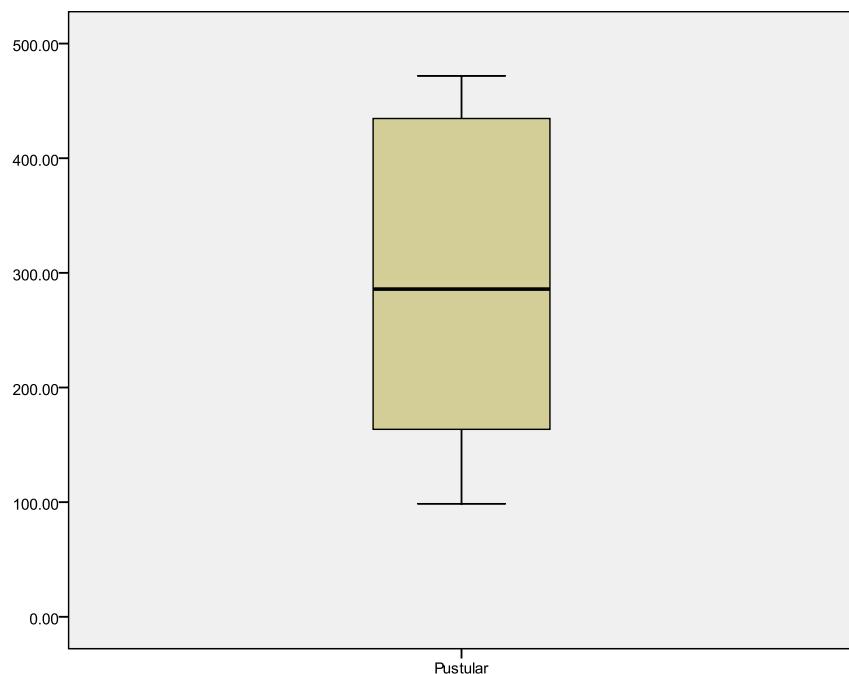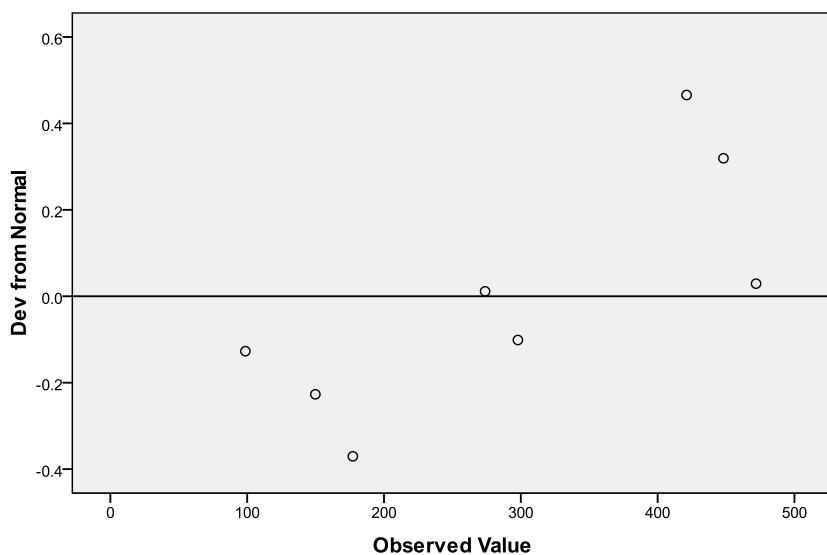

```
EXAMINE VARIABLES=nodular   /PLOT BOXPLOT HISTOGRAM NPPLOT
/COMPARE GROUP   /STATISTICS DESCRIPTIVES   /CINTERVAL 95
/MISSING LISTWISE   /NOTOTAL.
```

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Nodular	8	80.0%	2	20.0%	10	100.0%

Descriptives

			Statistic	Std. Error
Nodular	Mean		236.2933	40.70414
	95% Confidence Interval for Mean	Lower Bound	140.0433	
		Upper Bound	332.5433	
	5% Trimmed Mean		229.9680	
	Median		220.4126	
	Variance		13254.614	
	Std. Deviation		115.12868	
	Minimum		119.06	
	Maximum		467.38	
	Range		348.32	
	Interquartile Range		157.80	
	Skewness		1.140	.752
	Kurtosis		1.446	1.481

Tests of Normality

|	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Nodular	.176	8	.200[*]	.896	8	.268

a. Lilliefors Significance Correction

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

Nodular

Histogram

Mean =236.29
Std. Dev. =115.129
N =8

Frequency

Nodular

Normal Q-Q Plot of Nodular

Expected Normal

Observed Value
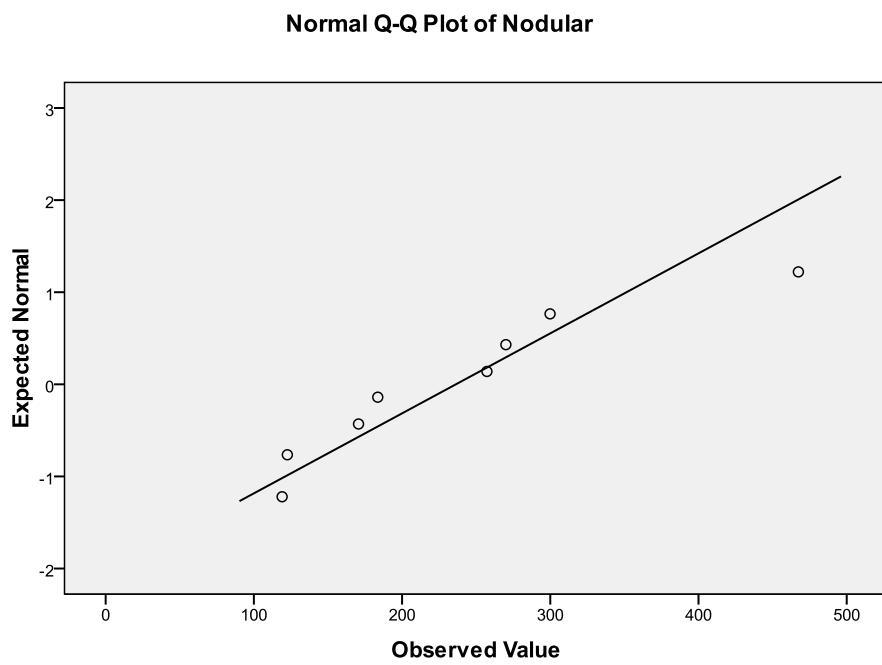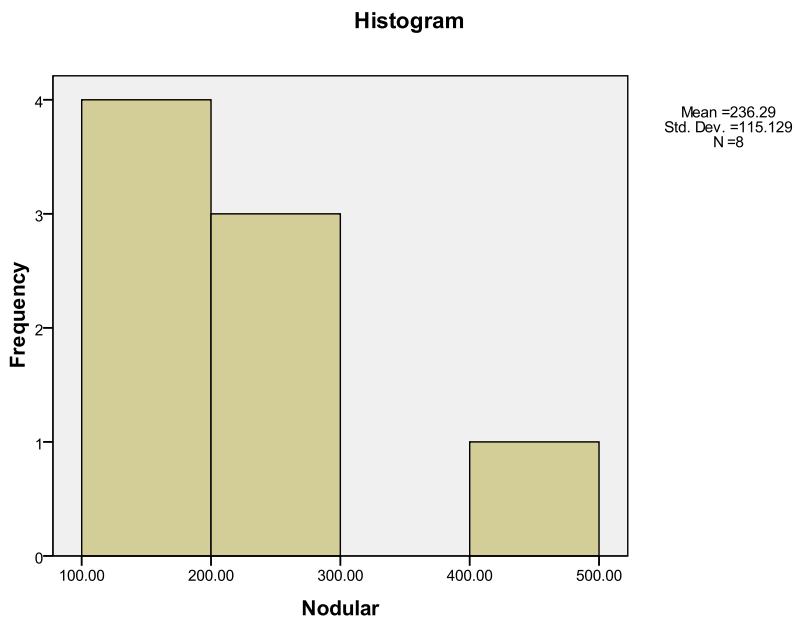
Detrended Normal Q-Q Plot of Nodular
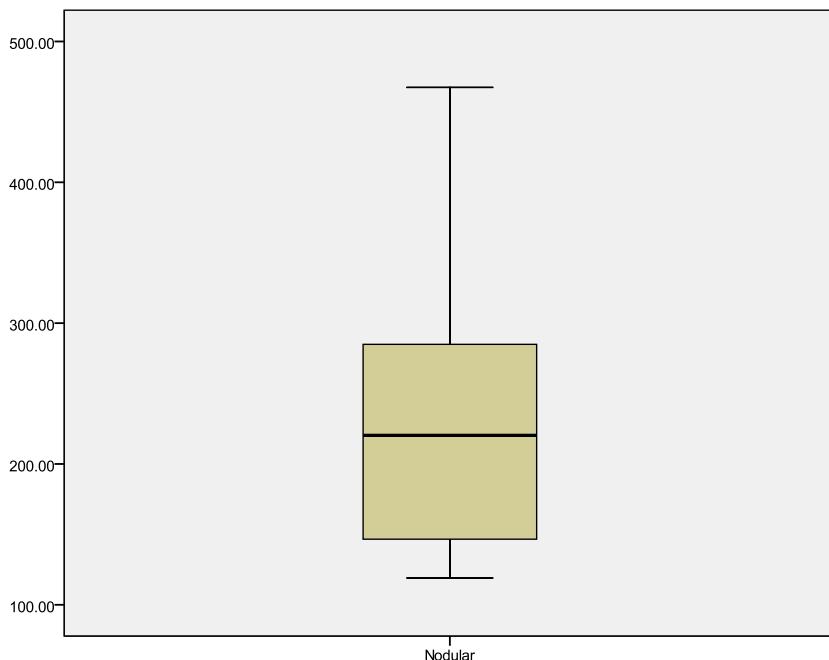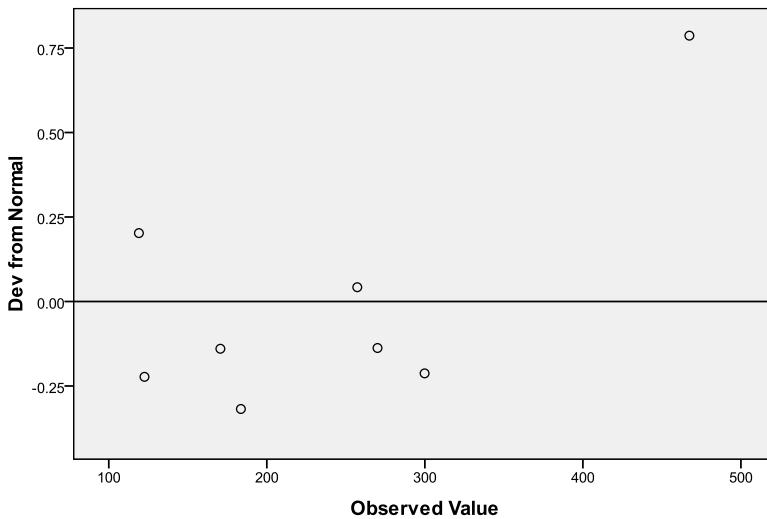
Frequency Table

JK

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	L	11	39.3	39.3	39.3
	P	17	60.7	60.7	100.0
	Total	28	100.0	100.0	

umur

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	12-17 tahun	16	57.1	57.1	57.1
	18-33 tahun	12	42.9	42.9	100.0
	Total	28	100.0	100.0	

tipe AV

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	komedo	10	35.7	35.7	35.7
	pappust	10	35.7	35.7	71.4
	nodul	8	28.6	28.6	100.0
	Total	28	100.0	100.0	

pncetjrwt

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ya	21	75.0	75.0	75.0
	tdk	7	25.0	25.0	100.0
	Total	28	100.0	100.0	

rokok

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ya	4	14.3	14.3	14.3
	tdk	24	85.7	85.7	100.0
	Total	28	100.0	100.0	

pedas

		Frequency	Percent	Valid Percent	Cumulative Percent

Valid	ya	26	92.9	92.9	92.9
	tdk	2	7.1	7.1	100.0
	Total	28	100.0	100.0	

mkn

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	kcng	12	42.9	42.9	42.9
	mnyk	13	46.4	46.4	89.3
	cklt	3	10.7	10.7	100.0
	Total	28	100.0	100.0	

riwklg

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ayah	7	25.0	25.0	25.0
	ibu	4	14.3	14.3	39.3
	saudara	10	35.7	35.7	75.0
	tdk	7	25.0	25.0	100.0
	Total	28	100.0	100.0	

riw akne

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	< 1thn	1	3.6	3.6	3.6
	1-2 thn	15	53.6	53.6	57.1
	3-4 thn	10	35.7	35.7	92.9
	5-7 thn	2	7.1	7.1	100.0
	Total	28	100.0	100.0	

T-Test

Group Statistics

	JK	N	Mean	Std. Deviation	Std. Error Mean
IL-1 a	L	11	3.446630862 00145E2	2.3040614655794 09E2	6.94700670476660 2E1
	P	17	3.483914747 33821E2	2.3207833859508 67E2	5.62872649085530 8E1

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% Confidence Interval o
		F	Sig.	t	df	Sig. (2-tailed)	Mean Differenc e	Std. Error Differenc e	Lower
IL-1 a	Equal varia nces assu med	.083	.775	-.042	26	.967	-3.728388 5336762 20E0	8.955509 2344089 32E1	-1.8781
	Equal varia nces not assu med			-.042	21.61 7	.967	-3.728388 5336762 20E0	8.941110 8965792 62E1	-1.8934

Group Statistics

umur	N	Mean	Std. Deviation	Std. Error Mean

			N	Mean	Std. Deviation	Std. Error Mean
IL-1 a	12-17 tahun		16	4.064061737 44583E2	2.6626277384542 95E2	6.65656934613573 7E1
	18-33 tahun		12	2.676208532 30270E2	1.3389702348976 36E2	3.86527412777523 4E1

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
1 a	Equal variances assumed	4.111	.053	1.650	26	.111	1.387853205143 126E2	8.408897907966 810E1	-3.406205144935 576E1	3.1163269247 810
	Equal variances not assumed			1.803	23.221	.084	1.387853205143 126E2	7.697419018265 964E1	-2.036420052104 871E1	2.9793484154 740

```
GET    FILE='C:\Documents and Settings\HP MINI\Desktop\spss 10-4-
13\data 100413.sav'. T-TEST GROUPS=umur(1 2)    /MISSING=ANALYSIS
/VARIABLES=IL1a    /CRITERIA=CI(.95).
```

Group Statistics

	pncetjr wt	N	Mean	Std. Deviation	Std. Error Mean
IL-1 a	ya	21	3.7641575 2968136E2	2.416680906229 835E2	5.273630087310 807E1
	tdk	7	2.5845974 3763672E2	1.589615360150 062E2	6.008181318864 909E1

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						95
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference		
IL-1 a	Equal variances assumed	.902	.351	1.200	26	.241	1.179560092044645E2	9.832598619478516E1	8.41	
	Equal variances not assumed			1.475	15.964	.160	1.179560092044645E2	7.994336561475697E1	5.15	

Group Statistics

	rokok	N	Mean	Std. Deviation	Std. Error Mean
IL-1 a	ya	4	2.58147863840740E2	1.151753088491398E2	5.758765442456990E1
	tdk	24	3.61723231804733E2	2.392153084091368E2	4.882962035540793E1

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% C
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lo
IL-1 a	Equal variances assumed	1.805	.191	-.840	26	.409	-1.035753679639928E2	1.233326655946942E2	3.5708

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95% C
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lo
IL-1 a	Equal variances assumed	1.805	.191	-.840	26	.409	-1.035753679639928E2	1.233326655946942E2	3.5708
	Equal variances not assumed			-1.372	8.305	.206	-1.035753679639928E2	7.550277985728044E1	2.76579

Group Statistics

	alkohol	N	Mean	Std. Deviation	Std. Error Mean
IL-1 a	ya	2	1.44834559494399E2	3.644731247538283E1	2.577214180736825E1
	tdk	26	3.62472303834145E2	2.283360910418763E2	4.478039168769331E1

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					95%
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	L
IL-1 a	Equal variances assumed	2.039	.165	-1.324	26	.197	-2.176377443397460E2	1.643828216917047E2	5.555

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
										95%
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference		L
IL-1 a	Equal variances assumed	2.039	.165	-1.324	26	.197	-2.176377443397460E2	1.643828216917047E2	5.555	
	Equal variances not assumed			-4.212	11.837	.001	-2.176377443397460E2	5.166707629663527E1	3.303	

NPar Tests

[DataSet1] G:\DATA BARU\data 100413.sav

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
IL-1 a	28	3.46926750667020E2	2.271178879450503E2	3.727148931244E1	9.356414571435E2
mkn	28	1.68	.670	1	3

Kruskal-Wallis Test

Ranks

	mkn	N	Mean Rank
IL-1 a	kcng	12	15.92

mnyk	13	12.31
cklt	3	18.33
Total	28	

Test Statistics[a,b]

	IL-1 a
Chi-Square	1.931
df	2
Asymp. Sig.	.381

a. Kruskal Wallis Test

b. Grouping Variable: mkn

T-Test

[DataSet4] C:\Documents and Settings\HP MINI\Desktop\DATA
BARU\data 100413.sav

Group Statistics

	tipe AV	N	Mean	Std. Deviation	Std. Error Mean
IL-1 a	komedo	10	4.586933222 76416E2	2.4694159243930 94E2	7.80897881137232 9E1
	pappust	10	3.236669192 76507E2	2.4103455174178 62E2	7.62218178301750 0E1

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference
IL-1 a	Equal variances assumed	.015	.904	1.237	18	.232	1.350264029999095E2	1.0912277727854E2
	Equal variances not assumed			1.237	17.989	.232	1.350264029999095E2	1.0912277727854E2

T-Test

[DataSet4] C:\Documents and Settings\HP MINI\Desktop\DATA
BARU\data 100413.sav

Group Statistics

	tipe AV	N	Mean	Std. Deviation	Std. Error Mean
IL-1 a	komedo	10	4.58693322276416E2	2.469415924393094E2	7.808978811372329E1
	nodul	8	2.36293325393415E2	1.151286842859032E2	4.070413668382361E1

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference

IL-1 a	Equal variances assumed	3.348	.086	2.341	16	.032	2.223999968830 011E2	9.498711125359 506E1	2.
	Equal variances not assumed			2.526	13.293	.025	2.223999968830 011E2	8.806157931142 045E1	3.

T-Test

Group Statistics

	tipe AV	N	Mean	Std. Deviation	Std. Error Mean
IL-1 a	pappust	10	3.236669192 76507E2	2.4103455174178 62E2	7.62218178301750 0E1
	nodul	8	2.362933253 93415E2	1.1512868428590 32E2	4.07041366838236 1E1

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means					
									9
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	
IL-1 a	Equal variances assumed	2.795	.114	.939	16	.362	8.737359388309 159E1	9.304695340561 658E1	1.0
	Equal variances not assumed			1.011	13.458	.330	8.737359388309 159E1	8.640944541259 236E1	9.8

```
T-TEST PAIRS=IL1a WITH tipeAV (PAIRED)   /CRITERIA=CI(.9500)
/MISSING=ANALYSIS.
```

NPar Tests

[DataSet1]

Kruskal-Wallis Test

Ranks

riw akne		N	Mean Rank
IL-1 a	< 1thn	1	25.00
	1-2 thn	15	16.13
	3-4 thn	10	12.00
	5-7 thn	2	9.50
	Total	28	

Test Statistics[a,b]

	IL-1 a
Chi-Square	3.883
df	3
Asymp. Sig.	.274

a. Kruskal Wallis Test

b. Grouping Variable: riw
akne

NPAR TESTS   /K-W=IL1a BY riwklg(1 2)   /MISSING ANALYSIS.

Oneway

ANOVA

IL-1 a

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	947.448	2	473.724	.026	.974
Within Groups	182550.063	10	18255.006		
Total	183497.512	12			

Lampiran 7

Rekomendasi persetujuan etik