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**KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
UNIVERSITAS HASANUDDIN
FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN KESEHATAN**

Sekretariat : Lantai 2 Gedung Laboratorium Terpadu

JL. PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM. 10, MAKASSAR 90245

Contact person **dr. Agussalim Bukhai, Ph.D, Sp.GK** (Hp. 081241850858), email :
agussalimbukhari@yahoo.com

LAMPIRAN 1

NASKAH PENJELASAN UNTUK MENDAPATKAN PERSETUJUAN DARI
SUBYEK PENELITIAN

Assalamu'alaikum wr.wb

Saya Nur Aliya Arsyad, NIM : P102171021 Mahasiswa program studi Magister Ilmu kebidanan Sekolah Pascasarjana Universitas Hasanuddin Makassar, bermaksud mengadakan penelitian dengan judul "Efektifitas Pompa Ganda Portabel Mikrokontroler Arduino Nano Terhadap Volume ASI Di Wilayah Puskesmas Jumpandang Baru". Saya akan melakukan simulasi cara kerja alat pemompaan yang tersambung dengan Penyimpanan ASI kepada ibu menyusui sekaligus memberikan lembar persetujuan menjadi responden. Setelah itu, saya akan melakukan observasi terhadap volume ASI yang dihasilkan dari pemompan tersebut.

Subjek akan dinyatakan *dropout* apabila tidak mengembalikan informed consent atau formulir yang telah diberikan. Peneliti akan menjaga kerahasiaan identitas dan jawaban jika bersedia menjadi responden dalam penelitian ini. Saya sebagai peneliti sangat berharap bidan dan pasien dapat mengikuti penelitian ini tanpa paksaan apapun dan memberikan jawaban dengan sejujurnya tanpa sesuai dengan pengetahuan yang dimiliki dan apabila ada hal-hal yang ingin dinyatakan, saya bersedia memberikan penjelasan kepada ibu.

Apabila ibu ingin mengundurkan diri selama proses penelitian ini berlangsung jika ada hal yang kurang berkenan, ibu dapat menghubungi saya. Jika bersedia mengikuti penelitian ini, silahkan menandatangani lembar persetujuan responden. Apabila terdapat hal-hal yang kurang jelas, dapat menghubungi saya melalui nomor 081248290989. Demikian penyampaian dari saya, atas segala perhatian dan kerjasamanya saya ucapkan terima kasih.

Makassar, Oktober 2018

Nur Aliya Arsyad



ung Jawab : Peneliti
: Nur Aliya Arsyad
: Jl. Suka Bumi No. 20
on : 081248290989



**KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
UNIVERSITAS HASANUDDIN
FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN KESEHATAN**

Sekretariat : Lantai 2 Gedung Laboratorium Terpadu

JL. PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM. 10, MAKASSAR 90245

Contact person **dr. Agussalim Bukhai, Ph.D, Sp.GK** (Hp. 081241850858), email :

agussalimbukhari@yahoo.com

Lampiran 2

**FORMULIR PERSETUJUAN MENGIKUTI PENELITIAN SETELAH
MENDAPATKAN PENJELASAN**

Saya yang bertanda tangan di bawah ini :

Nama :

Umur :

Alamat :

Setelah mendengar/ membaca dan mengerti penjelasan yang diberikan mengenai tujuan, manfaat, dan apa yang dilakukan pada penelitian ini. Saya dengan ini menyetujui semua data saya yang dihasilkan penelitian ini disajikan dalam bentuk lisan maupun tulisan.

Saya mengetahui bahwa keikutsertaan saya dalam penelitian ini bersifat sukarela dan tanpa paksaan, sehingga saya bisa menolak atau mengundurkan diri dari penelitian ini tanpa kehilangan hak untuk mendapatkan pelayanan kesehatan. Selain itu, saya juga berhak bertanya atau meminta penjelasan pada peneliti bila masih ada yang belum jelas atau masih ada yang ingin saya ketahui tentang penelitian ini.

Saya juga mengerti bahwa semua biaya yang dikeluarkan sehubungan dengan penelitian ini akan ditanggung oleh peneliti.

Makassar, Oktober 2018

Responden

.....

Saksi :

Saksi :

.....
: Peneliti

.....
: Peneliti

.....
: Nur Aliya Arsyad

.....
: Jl. Suka Bumi No. 20

.....
:081248290989



HASIL OBSERVASI
EFEKTIFITAS POMPA GANDA PORTABEL MENGGUNAKAN MIKROKONTROLLER ARDUINO NANO
TERHADAP VOLUME AIR SUSU IBU

NO	Hari/Tgl	Jam	Nama	Umur Ibu	Umur Bayi	Anak Ke	Pekerjaan Ibu	Puting	Status Gizi		Pengalaman menyusui	Helper	Volume			Tekanan
									LILA	IMT			Pengeluaran ASI pada detik/menit	Kanan	Kiri	
1	3/1/2019	07,00	Ny. E	26	5 Bulan	2	Swasta	Baik	25	23.2	Ya	Ada	2 menitt	60	70	50
2	4/1/2019	07,00	Ny. S	25	6 Bulan	2	Wiraswasta	Baik	25,5	24.2	Ya	Ada	Pas dipompa langsung keluar	70	75	50
3	7/1/2019	07,00	Ny. R	33	5 Bulan	2	Wiraswasta	Baik	26,5	24.8	Ya	Ada	30 detik	50	10	50
4	8/1/2019	07,00	Ny. R	25	3 Bulan	2	Wiraswasta	Baik	25	20	Ya	Ada	1 Menit	10	20	50
5	10/1/2019	07,00	Ny. N	29	6 Bulan	3	Wiraswasta	Baik	25,5	18.6	Ya	Ada	3 menit	35	15	50
6	11/1/2019	07,00	Ny. H	30	2 Bulan	4	Wiraswasta	Baik	26	24.4	Ya	Ada	Pas dipompa langsung keluar	100	120	50
7	14/1/2019	07,00	Ny. M	33	2 Bulan	3	Wiraswasta	Baik	27	24.9	Ya	Ada	20 detik	60	30	50
8	15/1/2019	07,00	Ny. N	27	3 Bulan	3	Wiraswasta	Baik	26,5	22.4	Ya	Ada	1 menit	80	70	50
9	17/1/2019	07,00	Ny. J	26	2 Bulan	2	Wiraswasta	Baik	26,5	22.8	Ya	Ada	4 menit	65	20	50
10	18/1/2019	07,00	Ny. I	34	3 Bulan	3	Wiraswasta	Baik	25,5	19	Ya	Ada	3 menit	80	40	50
11	21/1/2019	07,00	Ny. A	29	4 Bulan	2	Wiraswasta	Baik	24	21.3	Ya	Ada	Pas dipompa langsung keluar	90	75	50
12	22/1/2019	07,00	Ny. A	30	2 Bulan	3	Wiraswasta	Baik	25,5	23.1	Ya	Ada	2 menit	60	70	50



13	24/1/2019	07,00	Ny. N	32	5 Bulan	3	Wiraswasta	Baik	26	20.3	Ya	Ada	Pas dipompa langsung keluar	95	80	50
14	25/1/2019	07,00	Ny. P	28	3 Bulan	2	Swasta	Baik	26,3	24.3	Ya	Ada	1 menit	85	70	50
15	28/1/2019	07,00	Ny. H	29	4 Bulan	2	Wiraswasta	Baik	27	26	Ya	Ada	3 menit	80	60	50



EXAMINE VARIABLES=Volume BY Payudara

/PLOT BOXPLOT STEMLEAF NPLOT

/COMPARE GROUPS

/STATISTICS DESCRIPTIVES

/CINTERVAL 95

/MISSING LISTWISE

/NOTOTAL.

Explore

Notes

Output Created	03-FEB-2019 23:01:35	
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
ng	Definition of Missing	User-defined missing values for dependent variables are treated as missing.



Cases Used		Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		<pre> EXAMINE VARIABLES=Volume BY Payudara /PLOT BOXPLOT STEMLEAF NPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL. </pre>
Resources	Processor Time	00:00:06.25
	Elapsed Time	00:00:03.81

Payudara

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent	
<hr/>							



Volume	Kanan	15	100.0%	0	0.0%	15	100.0%
	Kiri	15	100.0%	0	0.0%	15	100.0%

Descriptives

Payudara		Statistic	Std. Error	
Volume	Kanan	Mean	68.00	6.149
		95% Confidence Interval for Mean	Lower Bound	54.81
			Upper Bound	81.19
		5% Trimmed Mean	69.44	
		Median	70.00	
		Variance	567.143	
		Std. Deviation	23.815	
		Minimum	10	
		Maximum	100	
		Range	90	
		Interquartile Range	25	
		Skewness	-1.008	.580
		Kurtosis	1.212	1.121
	Kiri	Mean	55.00	8.018
		95% Confidence Interval for Mean	Lower Bound	37.80
			Upper Bound	72.20
		5% Trimmed Mean	53.89	
		Median	70.00	
		Variance	964.286	



Std. Deviation	31.053	
Minimum	10	
Maximum	120	
Range	110	
Interquartile Range	55	
Skewness	.165	.580
Kurtosis	-.358	1.121

Tests of Normality

Payudara	Statistic	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		df	Sig.	Statistic	df	Sig.	
Volume Kanan	.168	15	.200*	.931	15	.284	
Kiri	.219	15	.052	.907	15	.124	

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

a. Lilliefors Significance Correction

Volume



f Plots

Volume Stem-and-Leaf Plot for

Payudara= Kanan

Frequency Stem & Leaf

1.00 Extremes (= <10)

1.00 0 . 3

12.00 0 . 566667888899

1.00 1 . 0

Stem width: 100

Each leaf: 1 case(s)

Volume Stem-and-Leaf Plot for

Payudara= Kiri

Frequency Stem & Leaf



234

77778

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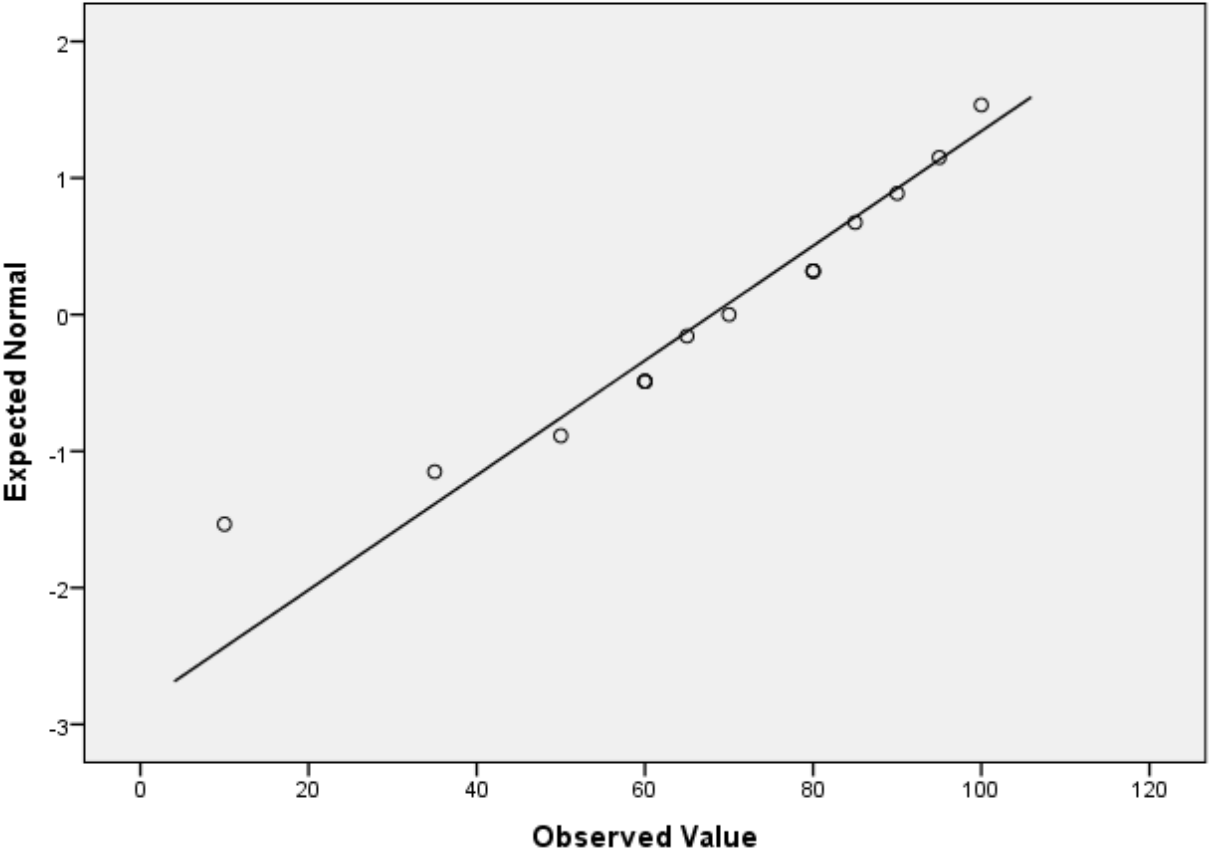
Stem width: 100

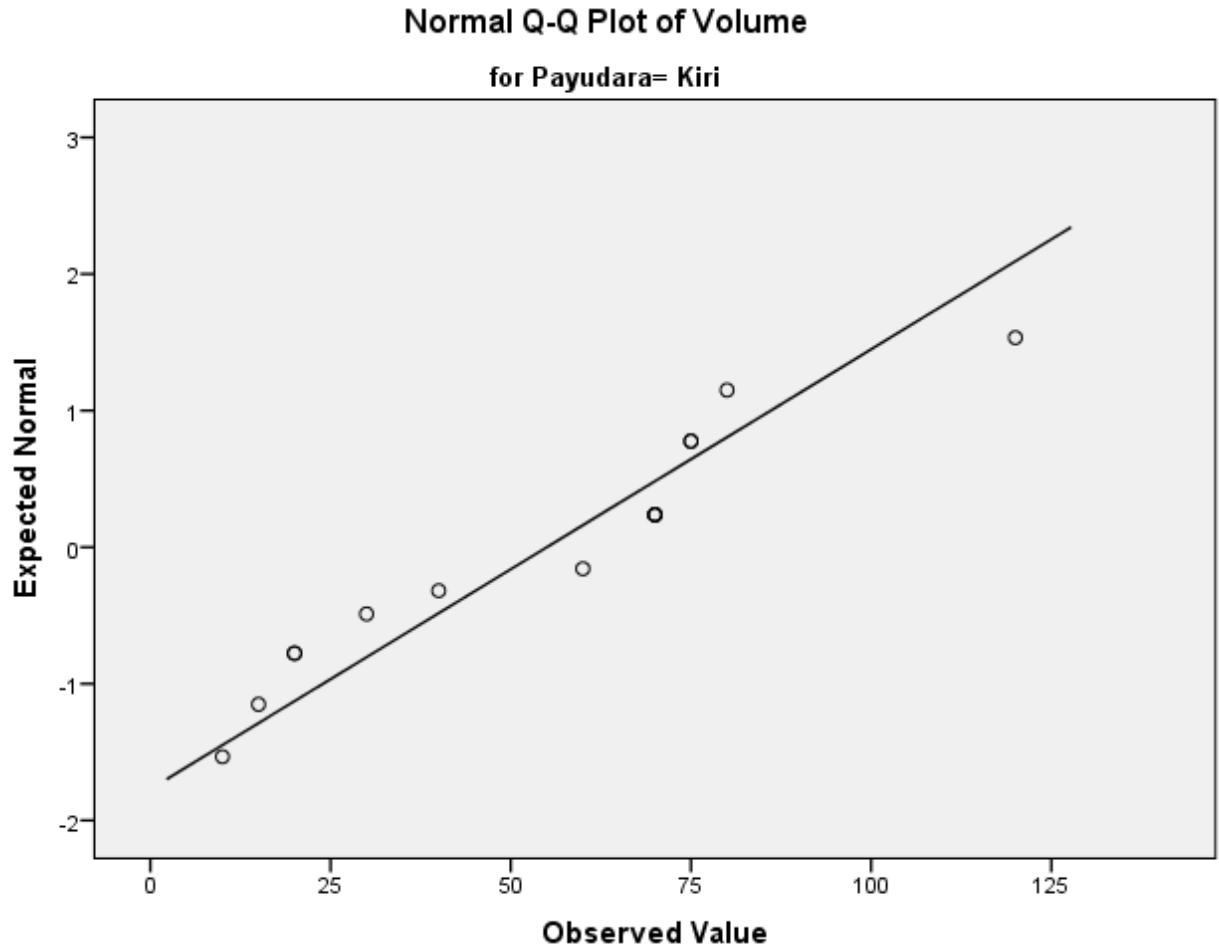
Each leaf: 1 case(s)

Normal Q-Q Plots



Normal Q-Q Plot of Volume
for Payudara= Kanan

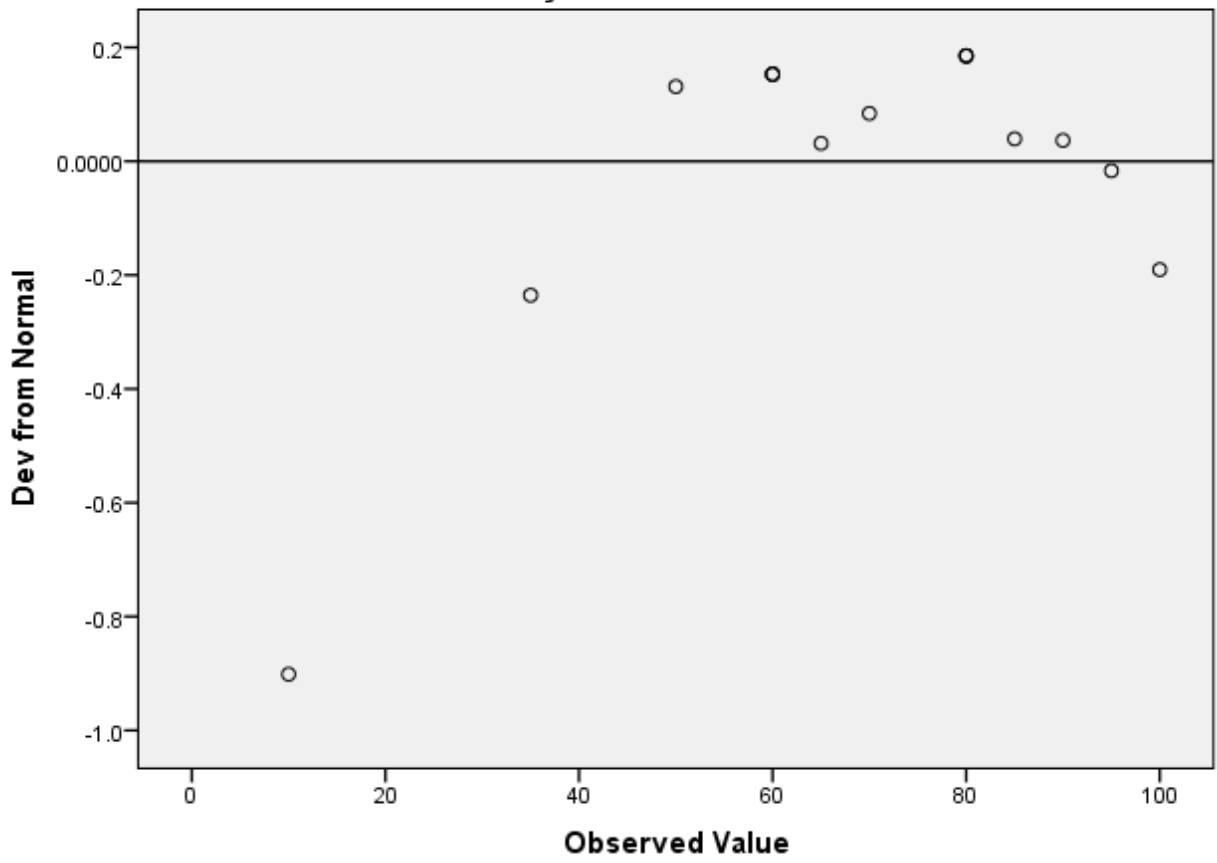


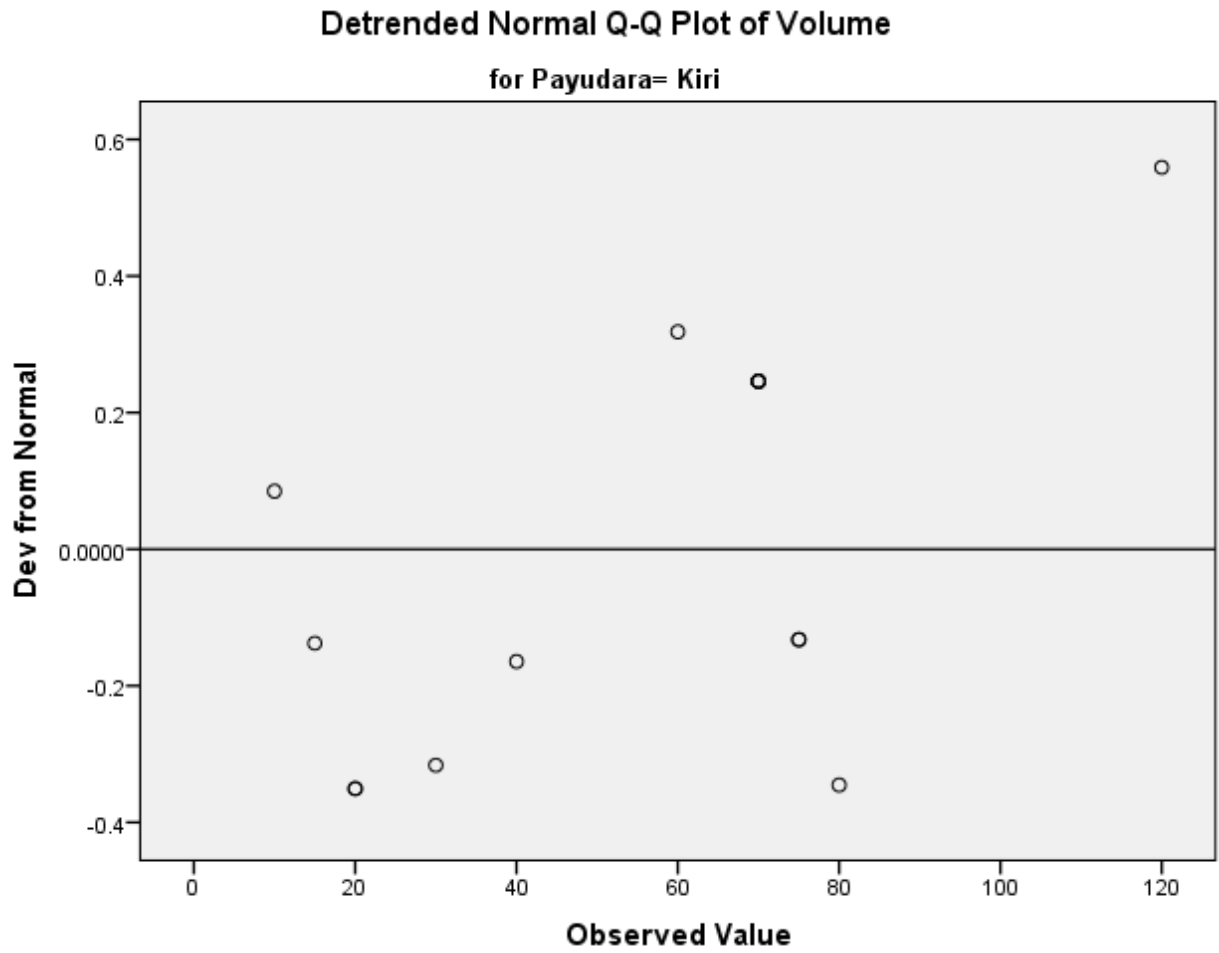


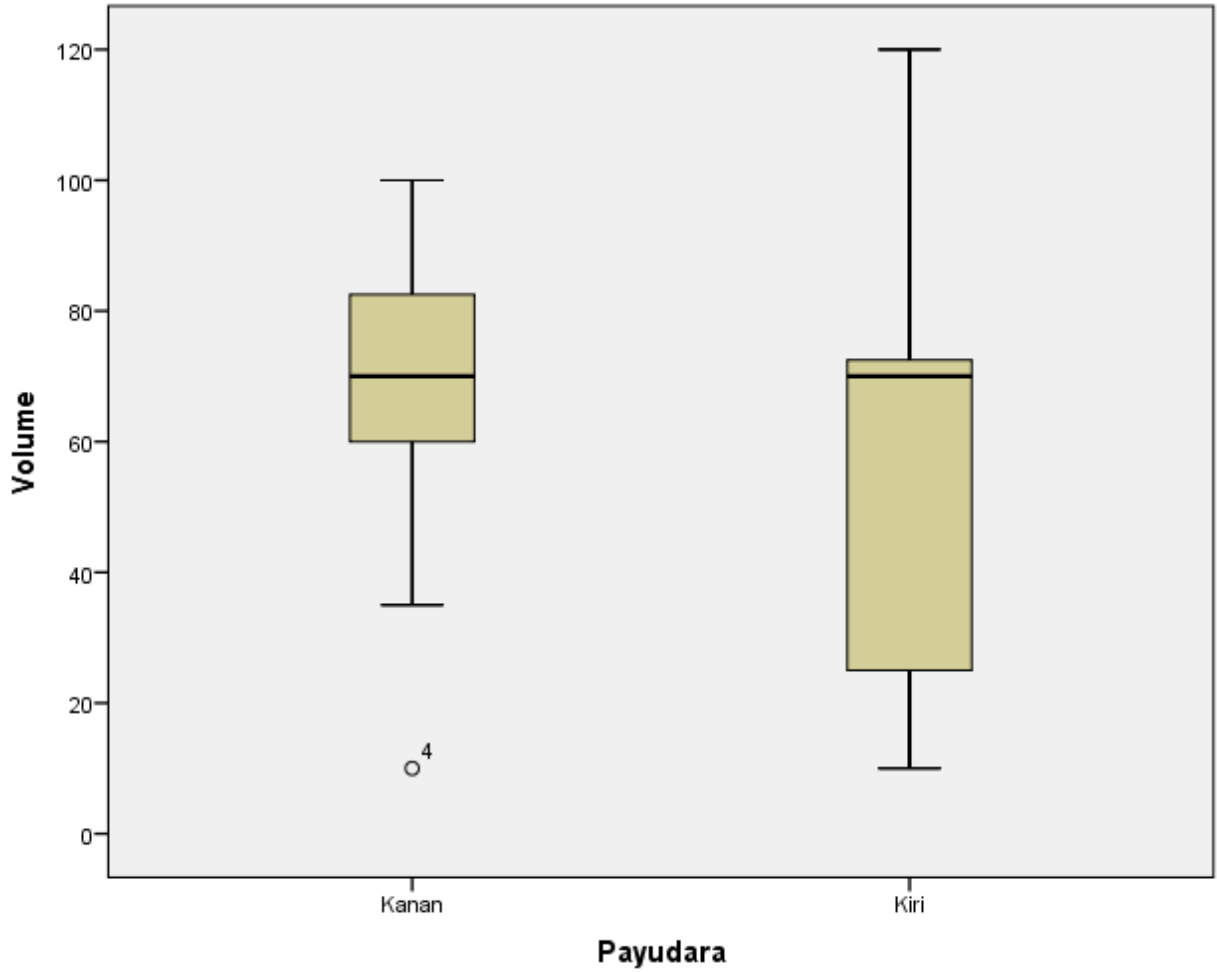
Detrended Normal Q-Q Plots



Detrended Normal Q-Q Plot of Volume
for Payudara= Kanan







NEW FILE.

DATASET NAME DataSet1 WINDOW=FRONT.

T-TEST PAIRS=Kanan WITH Kiri (PAIRED)

/CRITERIA=CI(.9500)

/MISSING=ANALYSIS.



T-Test

Notes

Output Created	03-FEB-2019 23:25:51	
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	15
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.



Syntax		T-TEST PAIRS=Kanan WITH Kiri (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet1]

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Kanan	68.00	15	23.815	6.149
	Kiri	55.00	15	31.053	8.018

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Kanan & Kiri	15	.751	.001

Paired Samples Test

Paired Differences



		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference	
					Lower	Upper
Pair 1	Kanan - Kiri	13.000	20.511	5.296	1.641	24.359

Paired Samples Test

		t	df	Sig. (2-tailed)
Pair 1	Kanan - Kiri	2.455	14	.028





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