

LAMPIRAN

HASIL UJI STATISTIK TRIGLISERIDA

Uji Normalitas

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
pre_Knegatif	5	100.0%	0	.0%	5	100.0%
post_Knegatif	5	100.0%	0	.0%	5	100.0%
pre_Kpositif	5	100.0%	0	.0%	5	100.0%
post_Kpositif	5	100.0%	0	.0%	5	100.0%
pre_uji1	5	100.0%	0	.0%	5	100.0%
post_uji1	5	100.0%	0	.0%	5	100.0%
pre_uji2	5	100.0%	0	.0%	5	100.0%
post_uji2	5	100.0%	0	.0%	5	100.0%
pre_uji3	5	100.0%	0	.0%	5	100.0%
post_uji3	5	100.0%	0	.0%	5	100.0%

Descriptives

		Statistic	Std. Error	
pre_Knegatif	Mean	70.6700	1.37866	
	95% Confidence Interval for Mean	Lower Bound	66.8422	
		Upper Bound	74.4978	
	5% Trimmed Mean	70.5522		
	Median	69.9600		
	Variance	9.504		
	Std. Deviation	3.08277		
	Minimum	67.84		
	Maximum	75.62		
	Range	7.78		
	Interquartile Range	5.31		
	Skewness	1.267	.913	
	Kurtosis	1.484	2.000	
post_Knegatif	Mean	78.2320	1.09457	
	95% Confidence Interval for Mean	Lower Bound	75.1930	
		Upper Bound	81.2710	
	5% Trimmed Mean	78.2678		
	Median	78.7100		
	Variance	5.990		
	Std. Deviation	2.44754		

	Minimum		74.70	
	Maximum		81.12	
	Range		6.42	
	Interquartile Range		4.41	
	Skewness		-.544	.913
	Kurtosis		-.003	2.000
pre_Kpositif	Mean		1.2919E2	1.33006
	95% Confidence Interval for Mean	Lower Bound	1.2550E2	
		Upper Bound	1.3288E2	
	5% Trimmed Mean		1.2925E2	
	Median		1.3004E2	
	Variance		8.845	
	Std. Deviation		2.97411	
	Minimum		125.09	
	Maximum		132.16	
	Range		7.07	
	Interquartile Range		5.66	
	Skewness		-.607	.913
	Kurtosis		-1.572	2.000
post_Kpositif	Mean		1.2562E2	2.52218
	95% Confidence Interval for Mean	Lower Bound	1.1862E2	
		Upper Bound	1.3262E2	
	5% Trimmed Mean		1.2539E2	
	Median		1.2450E2	
	Variance		31.807	
	Std. Deviation		5.63976	
	Minimum		120.48	
	Maximum		134.94	
	Range		14.46	
	Interquartile Range		9.23	
	Skewness		1.458	.913
	Kurtosis		2.373	2.000
pre_ujil	Mean		1.2820E2	.79305
	95% Confidence Interval for Mean	Lower Bound	1.2600E2	
		Upper Bound	1.3040E2	
	5% Trimmed Mean		1.2831E2	
	Median		1.2862E2	
	Variance		3.145	
	Std. Deviation		1.77332	
	Minimum		125.09	
	Maximum		129.33	
	Range		4.24	
	Interquartile Range		2.48	

	Skewness		-2.015	.913
	Kurtosis		4.218	2.000
post_uji1	Mean		1.4506E2	2.39117
	95% Confidence Interval for Mean	Lower Bound	1.3842E2	
		Upper Bound	1.5170E2	
	5% Trimmed Mean		1.4507E2	
	Median		1.4458E2	
	Variance		28.589	
	Std. Deviation		5.34682	
	Minimum		138.15	
	Maximum		151.81	
	Range		13.66	
	Interquartile Range		10.04	
	Skewness		-.007	.913
	Kurtosis		-.994	2.000
pre_uji2	Mean		1.2721E2	.92266
	95% Confidence Interval for Mean	Lower Bound	1.2465E2	
		Upper Bound	1.2977E2	
	5% Trimmed Mean		1.2721E2	
	Median		1.2721E2	
	Variance		4.256	
	Std. Deviation		2.06313	
	Minimum		124.38	
	Maximum		130.04	
	Range		5.66	
	Interquartile Range		3.54	
	Skewness		.000	.913
	Kurtosis		.886	2.000
post_uji2	Mean		1.2835E2	1.51194
	95% Confidence Interval for Mean	Lower Bound	1.2416E2	
		Upper Bound	1.3255E2	
	5% Trimmed Mean		1.2847E2	
	Median		1.2932E2	
	Variance		11.430	
	Std. Deviation		3.38080	
	Minimum		122.89	
	Maximum		131.73	
	Range		8.84	
	Interquartile Range		5.63	
	Skewness		-1.278	.913
	Kurtosis		1.874	2.000
pre_uji3	Mean		1.2664E2	1.10547
	95% Confidence Interval for Mean	Lower Bound	1.2357E2	
		Upper Bound	1.2971E2	

	5% Trimmed Mean		1.2662E2	
	Median		1.2650E2	
	Variance		6.110	
	Std. Deviation		2.47191	
	Minimum		123.67	
	Maximum		130.04	
	Range		6.37	
	Interquartile Range		4.60	
	Skewness		.309	.913
	Kurtosis		-.644	2.000
post_uji3	Mean		1.1357E2	.74415
	95% Confidence Interval for Mean	Lower Bound	1.1151E2	
		Upper Bound	1.1564E2	
	5% Trimmed Mean		1.1356E2	
	Median		1.1325E2	
	Variance		2.769	
	Std. Deviation		1.66398	
	Minimum		111.65	
	Maximum		115.66	
	Range		4.01	
	Interquartile Range		3.21	
	Skewness		.238	.913
	Kurtosis		-1.970	2.000

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
pre_Knegatif	.209	5	.200 [*]	.901	5	.418
post_Knegatif	.177	5	.200 [*]	.981	5	.941
pre_Kpositif	.212	5	.200 [*]	.925	5	.566
post_Kpositif	.266	5	.200 [*]	.880	5	.307
pre_uji1	.394	5	.011	.710	5	.012
post_uji1	.145	5	.200 [*]	.988	5	.972
pre_uji2	.165	5	.200 [*]	.990	5	.978
post_uji2	.224	5	.200 [*]	.912	5	.479
pre_uji3	.135	5	.200 [*]	.989	5	.976
post_uji3	.180	5	.200 [*]	.952	5	.751

a. Lilliefors Significance Correction

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

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	pre_Knegatif	70.6700	5	3.08277	1.37866
	post_Knegatif	78.2320	5	2.44754	1.09457

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	pre_Knegatif & post_Knegatif	5	-.302	.621

Paired Samples Test

		Paired Differences					t	Df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	pre_Knegatif - post_Knegatif	-7.56200	4.47775	2.00251	-13.12186	-2.00214	-3.776	4	.019

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	pre_Kpositif	129.1900	5	2.97411	1.33006
	post_Kpositif	125.6220	5	5.63976	2.52218

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	pre_Kpositif & post_Kpositif	5	.274	.655

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	pre_Kpositif - post_Kpositif	3.56800	5.60871	2.50829	-3.39614	10.53214	1.422	4	.228

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
pre_uji1	5	1.2820E2	1.77332	125.09	129.33
post_uji1	5	1.4506E2	5.34682	138.15	151.81

Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
post_uji1 - pre_uji1	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	5 ^b	3.00	15.00
	Ties	0 ^c		
	Total	5		

a. post_uji1 < pre_uji1

b. post_uji1 > pre_uji1

c. post_uji1 = pre_uji1

Test Statistics^b

	post_uji1 - pre_uji1
Z	-2.023 ^a
Asymp. Sig. (2-tailed)	.043

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	pre_uji2	1.2721E2	5	2.06313	.92266
	post_uji2	1.2835E2	5	3.38080	1.51194

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	pre_uji2 & post_uji2	5	-.611	.273

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	pre_uji2 - post_uji2	-1.14400	4.92069	2.20060	-7.25385	4.96585	-.520	4	.631

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	pre_uji3	1.2664E2	5	2.47191	1.10547
	post_uji3	1.1357E2	5	1.66398	.74415

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	pre_uji3 & post_uji3	5	.365	.546

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	pre_uji3 - post_uji3	1.30700E1	2.42492	1.08446	10.05906	16.08094	12.052	4	.000

Oneway

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pre Kontrol -	5	70.6700	3.08277	1.37866	66.8422	74.4978	67.84	75.62
Kontrol +	5	129.1900	2.97411	1.33006	125.4972	132.8828	125.09	132.16
Uji 1	5	128.1980	1.77332	.79305	125.9961	130.3999	125.09	129.33
Uji 2	5	127.2100	2.06313	.92266	124.6483	129.7717	124.38	130.04
Uji 3	5	126.6440	2.47191	1.10547	123.5747	129.7133	123.67	130.04
Total	25	116.3824	23.45782	4.69156	106.6995	126.0653	67.84	132.16
post Kontrol -	5	78.2320	2.44754	1.09457	75.1930	81.2710	74.70	81.12
Kontrol +	5	125.6220	5.63976	2.52218	118.6193	132.6247	120.48	134.94
Uji 1	5	145.0600	5.34682	2.39117	138.4210	151.6990	138.15	151.81
Uji 2	5	128.3540	3.38080	1.51194	124.1562	132.5518	122.89	131.73
Uji 3	5	113.5740	1.66398	.74415	111.5079	115.6401	111.65	115.66
Total	25	118.1684	23.10733	4.62147	108.6302	127.7066	74.70	151.81

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
pre	Between Groups	13079.019	4	3269.755	513.139	.000
	Within Groups	127.441	20	6.372		
	Total	13206.461	24			
post	Between Groups	12492.427	4	3123.107	193.778	.000
	Within Groups	322.338	20	16.117		
	Total	12814.765	24			

Post Hoc Tests

Multiple Comparisons

LSD

Dependent Variable	(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
pre	Kontrol -	Kontrol +	-58.52000*	1.59650	.000	-61.8503	-55.1897	
		Uji 1	-57.52800*	1.59650	.000	-60.8583	-54.1977	
		Uji 2	-56.54000*	1.59650	.000	-59.8703	-53.2097	
		Uji 3	-55.97400*	1.59650	.000	-59.3043	-52.6437	
	Kontrol +	Kontrol -	58.52000*	1.59650	.000	55.1897	61.8503	
		Uji 1	.99200	1.59650	.541	-2.3383	4.3223	
		Uji 2	1.98000	1.59650	.229	-1.3503	5.3103	
		Uji 3	2.54600	1.59650	.126	-.7843	5.8763	
	Uji 1	Kontrol -	57.52800*	1.59650	.000	54.1977	60.8583	
		Kontrol +	-.99200	1.59650	.541	-4.3223	2.3383	
		Uji 2	.98800	1.59650	.543	-2.3423	4.3183	
		Uji 3	1.55400	1.59650	.342	-1.7763	4.8843	
	Uji 2	Kontrol -	56.54000*	1.59650	.000	53.2097	59.8703	
		Kontrol +	-1.98000	1.59650	.229	-5.3103	1.3503	
		Uji 1	-.98800	1.59650	.543	-4.3183	2.3423	
		Uji 3	.56600	1.59650	.727	-2.7643	3.8963	
	Uji 3	Kontrol -	55.97400*	1.59650	.000	52.6437	59.3043	
		Kontrol +	-2.54600	1.59650	.126	-5.8763	.7843	
		Uji 1	-1.55400	1.59650	.342	-4.8843	1.7763	
		Uji 2	-.56600	1.59650	.727	-3.8963	2.7643	
	post	Kontrol -	Kontrol +	-47.39000*	2.53905	.000	-52.6864	-42.0936
			Uji 1	-66.82800*	2.53905	.000	-72.1244	-61.5316
			Uji 2	-50.12200*	2.53905	.000	-55.4184	-44.8256
			Uji 3	-35.34200*	2.53905	.000	-40.6384	-30.0456
Kontrol +		Kontrol -	47.39000*	2.53905	.000	42.0936	52.6864	
		Uji 1	-19.43800*	2.53905	.000	-24.7344	-14.1416	
		Uji 2	-2.73200	2.53905	.295	-8.0284	2.5644	
		Uji 3	12.04800*	2.53905	.000	6.7516	17.3444	
Uji 1		Kontrol -	66.82800*	2.53905	.000	61.5316	72.1244	
		Kontrol +	19.43800*	2.53905	.000	14.1416	24.7344	
		Uji 2	16.70600*	2.53905	.000	11.4096	22.0024	
		Uji 3	31.48600*	2.53905	.000	26.1896	36.7824	
Uji 2		Kontrol -	50.12200*	2.53905	.000	44.8256	55.4184	
		Kontrol +	2.73200	2.53905	.295	-2.5644	8.0284	
		Uji 1	-16.70600*	2.53905	.000	-22.0024	-11.4096	
		Uji 3	14.78000*	2.53905	.000	9.4836	20.0764	
Uji 3		Kontrol -	35.34200*	2.53905	.000	30.0456	40.6384	
		Kontrol +	-12.04800*	2.53905	.000	-17.3444	-6.7516	
		Uji 1	-31.48600*	2.53905	.000	-36.7824	-26.1896	
		Uji 2	-14.78000*	2.53905	.000	-20.0764	-9.4836	

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

LAMPIRAN 2









Fakultas Kedokteran dan Ilmu Kesehatan
Universitas Muhammadiyah Yogyakarta

Nomor : 007/EP-FKIK-UMY/I/2017

KETERANGAN LOLOS UJI ETIK
ETHICAL APPROVAL

Komite Etik Penelitian Fakultas Kedokteran dan Ilmu Kesehatan Universitas Muhammadiyah Yogyakarta dalam upaya melindungi hak asasi dan kesejahteraan responden/subyek penelitian, telah mengkaji dengan teliti protokol berjudul :

The Ethics Committee of the Faculty of Medicine and Health Sciences, University of Muhammadiyah Yogyakarta, with regards of the protection of human rights and welfare in research, has carefully reviewed the research protocol entitled :

"Pengaruh Pemberian Kombinasi Jus Biji Pepaya (*Carica Papaya L*) dan Jus Kunyit (*Curcuma Domestica Val*) Terhadap Penurunan Kadar Trigliserida Tikus Putih (*Rattus Norvegitus*) Hipertrigliserida"


Peneliti Utama : Refi Nurcholis
Principal Investigator

Nama Institusi : Program Studi Pendidikan Dokter FKIK UMY
Name of the Institution

Negara : Indonesia
Country

Dan telah menyetujui protokol tersebut diatas.
And approved the above-mentioned protocol.

Yogyakarta, 09 Januari 2017

Sekretaris
Secretary


Dr. dr. Titiek Hidayati, M. Kes

*Peneliti Berkewajiban :

1. Menjaga kerahasiaan identitas subyek penelitian
2. Memberitahukan status penelitian apabila :
 - a. Setelah masa berlakunya keterangan lolos kaji etik, penelitian masih belum selesai, dalam hal ini *ethical clearance* harus diperpanjang
 - c. Penelitian berhenti di tengah jalan
3. Melaporkan kejadian serius yang tidak diinginkan (*serious adverse events*)
4. Peneliti tidak boleh melakukan tindakan apapun pada responde/subyek sebelum penelitian lolos kaji etik dan *informed consent*

Kampus:

Jl. Lingkar Selatan, Tamantirto, Kasihan, Bantul, Yogyakarta 55183
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Muda mendunia