

LAMPIRAN

Lampiran 1. Hasil analisis statistik deskriptif berat badan, tekanan darah, kadar kolesterol, kadar trigliserida, kadar HDL, kadar LDL dan kadar glukosa darah

Descriptives

kelompok			Statistic	Std. Error
BB	HCFD	Mean	200.00	2.302
		95% Confidence Interval for Mean	Lower Bound 193.61 Upper Bound 206.39	
		5% Trimmed Mean	200.17	
		Median	202.00	
		Variance	26.500	
		Std. Deviation	5.148	
		Minimum	192	
		Maximum	205	
		Range	13	
		Interquartile Range	9	
		Skewness	-1.100	.913
		Kurtosis	.604	2.000
	Psyllium	Mean	199.80	.970
		95% Confidence Interval for Mean	Lower Bound 197.11 Upper Bound 202.49	
		5% Trimmed Mean	199.78	
		Median	200.00	
		Variance	4.700	
		Std. Deviation	2.168	
		Minimum	197	
		Maximum	203	
		Range	6	
		Interquartile Range	4	
		Skewness	.422	.913
		Kurtosis	1.435	2.000
	GMP50	Mean	200.00	2.168
		95% Confidence Interval for Mean	Lower Bound 193.98	

		Interval for Mean	Upper Bound	206.02	
		5% Trimmed Mean		200.06	
		Median		201.00	
		Variance		23.500	
		Std. Deviation		4.848	
		Minimum		194	
		Maximum		205	
		Range		11	
		Interquartile Range		10	
		Skewness		-.329	.913
		Kurtosis		-2.491	2.000
	GMP100	Mean		199.40	1.435
		95% Confidence	Lower Bound	195.42	
		Interval for Mean	Upper Bound	203.38	
		5% Trimmed Mean		199.44	
		Median		199.00	
		Variance		10.300	
		Std. Deviation		3.209	
		Minimum		195	
		Maximum		203	
		Range		8	
		Interquartile Range		6	
		Skewness		-.299	.913
		Kurtosis		-1.021	2.000

Tests of Normality

kelompok		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
BB	HCFD	.251	5	.200 [*]	.915	5	.497
	Psyllium	.263	5	.200 [*]	.951	5	.747
	GMP50	.195	5	.200 [*]	.909	5	.460
	GMP100	.191	5	.200 [*]	.958	5	.794

Tests of Normality

kelompok		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
BB	HCFD	.251	5	.200 [*]	.915	5	.497
	Psyllium	.263	5	.200 [*]	.951	5	.747
	GMP50	.195	5	.200 [*]	.909	5	.460
	GMP100	.191	5	.200 [*]	.958	5	.794

a. Lilliefors Significance Correction

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

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
BB	Based on Mean	2.130	3	16	.137
	Based on Median	.908	3	16	.459
	Based on Median and with adjusted df	.908	3	10.323	.470
	Based on trimmed mean	2.022	3	16	.151

ANOVA

BB	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.200	3	.400	.025	.995
Within Groups	260.000	16	16.250		
Total	261.200	19			

Descriptives

kelompok			Statistic	Std. Error
TD	HCFD	Mean	192.20	1.828
		95% Confidence Interval for Mean	Lower Bound	187.13
			Upper Bound	197.27

	5% Trimmed Mean		192.00	
	Median		190.00	
	Variance		16.700	
	Std. Deviation		4.087	
	Minimum		189	
	Maximum		199	
	Range		10	
	Interquartile Range		6	
	Skewness		1.593	.913
	Kurtosis		2.265	2.000
Psyllium	Mean		199.20	.735
	95% Confidence	Lower Bound	197.16	
	Interval for Mean	Upper Bound	201.24	
	5% Trimmed Mean		199.22	
	Median		200.00	
	Variance		2.700	
	Std. Deviation		1.643	
	Minimum		197	
	Maximum		201	
	Range		4	
	Interquartile Range		3	
	Skewness		-.518	.913
	Kurtosis		-1.687	2.000

GMP50	Mean		191.60	1.806
	95% Confidence	Lower Bound	186.59	
	Interval for Mean	Upper Bound	196.61	
	5% Trimmed Mean		191.44	
	Median		190.00	
	Variance		16.300	
	Std. Deviation		4.037	
	Minimum		188	
	Maximum		198	
	Range		10	
	Interquartile Range		7	
	Skewness		1.245	.913
	Kurtosis		.947	2.000
GMP100 Mean			189.20	2.922
	95% Confidence	Lower Bound	181.09	
	Interval for Mean	Upper Bound	197.31	

5% Trimmed Mean	188.94	
Median	187.00	
Variance	42.700	
Std. Deviation	6.535	
Minimum	183	
Maximum	200	
Range	17	
Interquartile Range	10	
Skewness	1.461	.913
Kurtosis	2.428	2.000

Tests of Normality

kelompok		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
TD	HCFD	.305	5	.145	.813	5	.103
	Psyllium	.287	5	.200*	.914	5	.490
	GMP50	.254	5	.200*	.889	5	.350
	GMP100	.251	5	.200*	.881	5	.312

a. Lilliefors Significance Correction

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

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
TD	Based on Mean	1.411	3	16	.276
	Based on Median	.575	3	16	.640
	Based on Median and with adjusted df	.575	3	10.828	.643
	Based on trimmed mean	1.304	3	16	.307

ANOVA

TD

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	277.350	3	92.450	4.717	.015
Within Groups	313.600	16	19.600		
Total	590.950	19			

Descriptives

kelompok			Statistic	Std. Error
HDL	HCFD	Mean	25.2180	1.15477
		95% Confidence Interval for Mean	Lower Bound 22.0118	
			Upper Bound 28.4242	
		5% Trimmed Mean	25.2822	
		Median	26.8100	
		Variance	6.667	
		Std. Deviation	2.58214	
		Minimum	21.74	
		Maximum	27.54	
		Range	5.80	
		Interquartile Range	4.71	
		Skewness	-.722	.913
		Kurtosis	-2.231	2.000
	psyllium	Mean	24.0560	.98322
		95% Confidence Interval for Mean	Lower Bound 21.3262	
			Upper Bound 26.7858	
		5% Trimmed Mean	24.0722	
		Median	23.9100	

	Variance		4.834	
	Std. Deviation		2.19854	
	Minimum		21.01	
	Maximum		26.81	
	Range		5.80	
	Interquartile Range		3.98	
	Skewness		-.228	.913
	Kurtosis		-.132	2.000
GMP50	Mean		23.0420	.83847
	95% Confidence Interval for Mean	Lower Bound	20.7140	
		Upper Bound	25.3700	
	5% Trimmed Mean		23.0661	
	Median		23.1900	
	Variance		3.515	
	Std. Deviation		1.87488	
	Minimum		20.29	
	Maximum		25.36	
	Range		5.07	
	Interquartile Range		3.26	
	Skewness		-.501	.913
	Kurtosis		.792	2.000
GMP100	Mean		23.7680	.42343
	95% Confidence Interval for Mean	Lower Bound	22.5924	
		Upper Bound	24.9436	
	5% Trimmed Mean		23.7922	
	Median		23.9100	
	Variance		.896	
	Std. Deviation		.94682	
	Minimum		22.46	

Maximum	24.64	
Range	2.18	
Interquartile Range	1.81	
Skewness	-.541	.913
Kurtosis	-1.474	2.000

Tests of Normality

kelompok		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
HDL	HCDF	.331	5	.077	.838	5	.161
	psyllium	.147	5	.200*	.992	5	.985
	GMP50	.178	5	.200*	.984	5	.955
	GMP100	.221	5	.200*	.902	5	.423

a. Lilliefors Significance Correction

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

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
HDL	Based on Mean	2.007	3	16	.154
	Based on Median	.558	3	16	.650
	Based on Median and with adjusted df	.558	3	9.018	.656
	Based on trimmed mean	1.942	3	16	.163

ANOVA

HDL

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12.282	3	4.094	1.029	.406
Within Groups	63.651	16	3.978		
Total	75.933	19			

Descriptives

kelompok			Statistic	Std. Error
LDL	HCFD	Mean	86.7220	1.25940
		95% Confidence Interval for Mean	Lower Bound 83.2253	
			Upper Bound 90.2187	
		5% Trimmed Mean	86.7406	
		Median	86.5500	
		Variance	7.930	
		Std. Deviation	2.81611	
		Minimum	83.19	
		Maximum	89.92	
		Range	6.73	
		Interquartile Range	5.47	
		Skewness	-.086	.913
		Kurtosis	-1.980	2.000
	psyllium	Mean	83.5280	1.26466
		95% Confidence Interval for Mean	Lower Bound 80.0167	
			Upper Bound 87.0393	
		5% Trimmed Mean	83.4250	
		Median	83.1900	
		Variance	7.997	
		Std. Deviation	2.82786	
		Minimum	80.67	
		Maximum	88.24	
		Range	7.57	
		Interquartile Range	4.21	
		Skewness	1.466	.913
		Kurtosis	2.978	2.000
	GMP50	Mean	88.5720	1.60905
		95% Confidence Interval for Mean	Lower Bound 84.1046	

		Interval for Mean	Upper Bound	93.0394	
		5% Trimmed Mean		88.5628	
		Median		88.2400	
		Variance		12.945	
		Std. Deviation		3.59795	
		Minimum		84.03	
		Maximum		93.28	
		Range		9.25	
		Interquartile Range		6.73	
		Skewness		.115	.913
		Kurtosis		-.865	2.000
	GMP100	Mean		87.2260	1.17228
		95% Confidence	Lower Bound	83.9712	
		Interval for Mean	Upper Bound	90.4808	
		5% Trimmed Mean		87.2539	
		Median		86.5500	
		Variance		6.871	
		Std. Deviation		2.62130	
		Minimum		84.03	
		Maximum		89.92	
		Range		5.89	
		Interquartile Range		5.05	
		Skewness		.062	.913
		Kurtosis		-2.303	2.000

Tests of Normality

kelompok		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
LDL	HCFD	.199	5	.200*	.950	5	.736
	psyllium	.348	5	.048	.856	5	.216

GMP50	.137	5	.200*	.991	5	.984
GMP100	.248	5	.200*	.885	5	.331

a. Lilliefors Significance Correction

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

Test of Homogeneity of Variance

	Levene Statistic	df1	df2	Sig.
LDL Based on Mean	.273	3	16	.844
Based on Median	.273	3	16	.844
Based on Median and with adjusted df	.273	3	14.339	.844
Based on trimmed mean	.296	3	16	.828

ANOVA

LDL

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	68.509	3	22.836	2.556	.092
Within Groups	142.975	16	8.936		
Total	211.484	19			

Descriptives

kelompok			Statistic	Std. Error
Glukosa HCFD	Mean		1.7061E2	.98423
	95% Confidence Interval for Mean	Lower Bound	1.6788E2	
		Upper Bound	1.7334E2	
	5% Trimmed Mean		1.7061E2	
	Median		1.7027E2	
	Variance		4.844	
	Std. Deviation		2.20081	

	Minimum		167.91	
	Maximum		173.31	
	Range		5.40	
	Interquartile Range		4.22	
	Skewness		.091	.913
	Kurtosis		-1.724	2.000
psyllium	Mean		1.7068E2	.69651
	95% Confidence	Lower Bound	1.6874E2	
	Interval for Mean	Upper Bound	1.7261E2	
	5% Trimmed Mean		1.7068E2	
	Median		1.7061E2	
	Variance		2.426	
	Std. Deviation		1.55744	
	Minimum		168.58	
	Maximum		172.64	
	Range		4.06	
	Interquartile Range		2.88	
	Skewness		-.133	.913
	Kurtosis		-.504	2.000
GMP50	Mean		1.7095E2	.93770
	95% Confidence	Lower Bound	1.6834E2	
	Interval for Mean	Upper Bound	1.7355E2	
	5% Trimmed Mean		1.7093E2	
	Median		1.7095E2	
	Variance		4.396	
	Std. Deviation		2.09675	
	Minimum		168.58	
	Maximum		173.65	
	Range		5.07	
	Interquartile Range		4.06	

Skewness			.186	.913
Kurtosis			-1.778	2.000
GMP100	Mean		1.7176E2	.72956
	95% Confidence Interval for Mean	Lower Bound	1.6973E2	
		Upper Bound	1.7378E2	
	5% Trimmed Mean		1.7175E2	
	Median		1.7196E2	
	Variance		2.661	
	Std. Deviation		1.63134	
	Minimum		169.93	
	Maximum		173.65	
	Range		3.72	
	Interquartile Range		3.21	
	Skewness		-.075	.913
	Kurtosis		-2.522	2.000

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Glukosa	Based on Mean	.445	3	16	.724
	Based on Median	.341	3	16	.796
	Based on Median and with adjusted df	.341	3	14.646	.796
	Based on trimmed mean	.448	3	16	.722

ANOVA

Glukosa

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.156	3	1.385	.387	.764

Within Groups	57.307	16	3.582		
Total	61.464	19			

Tests of Normality

kelompok		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Glukosa	HCFD	.179	5	.200*	.965	5	.839
	psyllium	.128	5	.200*	.995	5	.993
	GMP50	.190	5	.200*	.958	5	.791
	GMP100	.219	5	.200*	.917	5	.510

a. Lilliefors Significance Correction

Descriptives

kelompok			Statistic	Std. Error
Tcholesterol	HCFD	Mean	2.0533E2	2.31161
		95% Confidence Lower Bound	1.9892E2	
		Interval for Mean Upper Bound	2.1175E2	
		5% Trimmed Mean	2.0523E2	
		Median	2.0593E2	
		Variance	26.718	
		Std. Deviation	5.16892	
		Minimum	200.00	
		Maximum	212.59	
		Range	12.59	
		Interquartile Range	9.63	
		Skewness	.430	.913
		Kurtosis	-.916	2.000
	psyllium	Mean	2.0682E2	1.03185
		95% Confidence Lower Bound	2.0395E2	
		Interval for Mean Upper Bound	2.0968E2	
		5% Trimmed Mean	2.0675E2	
		Median	2.0667E2	

	Variance		5.324	
	Std. Deviation		2.30729	
	Minimum		204.44	
	Maximum		210.37	
	Range		5.93	
	Interquartile Range		4.07	
	Skewness		.929	.913
	Kurtosis		.756	2.000
GMP50	Mean		2.0770E2	1.54694
	95% Confidence	Lower Bound	2.0341E2	
	Interval for Mean	Upper Bound	2.1200E2	
	5% Trimmed Mean		2.0782E2	
	Median		2.0889E2	
	Variance		11.965	
	Std. Deviation		3.45906	
	Minimum		202.22	
	Maximum		211.11	
	Range		8.89	
	Interquartile Range		5.93	
	Skewness		-1.185	.913
	Kurtosis		1.220	2.000
GMP100	Mean		2.0770E2	1.33732
	95% Confidence	Lower Bound	2.0399E2	
	Interval for Mean	Upper Bound	2.1142E2	
	5% Trimmed Mean		2.0770E2	
	Median		2.0741E2	
	Variance		8.942	
	Std. Deviation		2.99035	
	Minimum		204.44	
	Maximum		211.11	

Range	6.67	
Interquartile Range	5.93	
Skewness	.121	.913
Kurtosis	-2.708	2.000

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

Tests of Normality

kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Tcholesterol HCFD	.213	5	.200*	.932	5	.607
psyllium	.198	5	.200*	.941	5	.675
GMP50	.234	5	.200*	.917	5	.508
GMP100	.214	5	.200*	.903	5	.427

a. Lilliefors Significance Correction

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

Test of Homogeneity of Variance

	Levene Statistic	df1	df2	Sig.
Tcholesterol Based on Mean	1.330	3	16	.300
Based on Median	.897	3	16	.464
Based on Median and with adjusted df	.897	3	11.790	.472
Based on trimmed mean	1.367	3	16	.288

ANOVA

Tcholesterol

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	18.759	3	6.253	.472	.706

Within Groups	211.794	16	13.237		
Total	230.553	19			

Descriptives

kelompok			Statistic	Std. Error
Triglycerida HCFD	Mean		1.3521E2	2.60497
	95% Confidence Interval for Mean	Lower Bound	1.2798E2	
		Upper Bound	1.4244E2	
	5% Trimmed Mean		1.3526E2	
	Median		1.3521E2	
	Variance		33.929	
	Std. Deviation		5.82489	
	Minimum		127.70	
	Maximum		141.78	
	Range		14.08	
	Interquartile Range		11.26	
	Skewness		-.189	.913
	Kurtosis		-1.778	2.000
Psyllium	Mean		1.3014E2	2.51157
	95% Confidence Interval for Mean	Lower Bound	1.2317E2	
		Upper Bound	1.3711E2	
	5% Trimmed Mean		1.3052E2	
	Median		1.3239E2	
	Variance		31.540	
	Std. Deviation		5.61604	
	Minimum		120.19	
	Maximum		133.33	
	Range		13.14	
	Interquartile Range		7.51	
	Skewness		-2.132	.913
	Kurtosis		4.613	2.000

GMP50	Mean		1.2864E2	1.42558
	95% Confidence Interval for Mean	Lower Bound	1.2468E2	
		Upper Bound	1.3260E2	
	5% Trimmed Mean		1.2874E2	
	Median		1.3052E2	
	Variance		10.161	
	Std. Deviation		3.18770	
	Minimum		123.94	
	Maximum		131.46	
	Range		7.52	
	Interquartile Range		5.64	
	Skewness		-.962	.913
	Kurtosis		-.873	2.000
GMP100	Mean		1.2939E2	2.54315
	95% Confidence Interval for Mean	Lower Bound	1.2233E2	
		Upper Bound	1.3645E2	
	5% Trimmed Mean		1.2937E2	
	Median		1.2864E2	
	Variance		32.338	
	Std. Deviation		5.68665	
	Minimum		122.07	
	Maximum		137.09	
	Range		15.02	
	Interquartile Range		10.33	
	Skewness		.165	.913
	Kurtosis		-.212	2.000

Tests of Normality

kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Trigliserida HCFD	.190	5	.200*	.957	5	.788
Psyllium	.393	5	.011	.669	5	.004
GMP50	.322	5	.098	.858	5	.221
GMP100	.152	5	.200*	.994	5	.993

a. Lilliefors Significance Correction

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

Test of Homogeneity of Variance

	Levene Statistic	df1	df2	Sig.
Trigliserida Based on Mean	.452	3	16	.720
Based on Median	.387	3	16	.764
Based on Median and with adjusted df	.387	3	12.316	.764
Based on trimmed mean	.427	3	16	.736

ANOVA

Trigliserida

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	132.734	3	44.245	1.639	.220
Within Groups	431.874	16	26.992		
Total	564.608	19			

Lampiran 2. Hasil analisis statistik deskriptif, normalitas data dan homogenitas varian kadarCRP

Descriptives			
Kelompok		Statistic	Std. Error
Kadar CRP (ng / Kontrol ml)	Mean	.6440	.02462
	95% Confidence Lower Bound	.5757	
	Interval for Upper Bound	.7123	
	Mean		
	5% Trimmed Mean	.6411	
	Median	.6300	
	Variance	.003	
	Std. Deviation	.05505	
	Minimum	.60	
	Maximum	.74	
	Range	.14	
	Interquartile Range	.08	
	Skewness	1.949	.913
	Kurtosis	4.130	2.000
HFHC	Mean	2.5960	.10186
	95% Confidence Lower Bound	2.3132	
	Interval for Upper Bound	2.8788	
	Mean		
	5% Trimmed Mean	2.5956	
	Median	2.6900	
	Variance	.052	
	Std. Deviation	.22777	
	Minimum	2.35	
	Maximum	2.85	
	Range	.50	
	Interquartile Range	.44	
	Skewness	-.296	.913
	Kurtosis	-2.740	2.000
Psyllium	Mean	.9540	.02205
	95% Confidence Lower Bound	.8928	

		Interval for Mean	Upper Bound	1.0152	
		5% Trimmed Mean		.9522	
		Median		.9600	
		Variance		.002	
		Std. Deviation		.04930	
		Minimum		.91	
		Maximum		1.03	
		Range		.12	
		Interquartile Range		.08	
		Skewness		.936	.913
		Kurtosis		.650	2.000
GP-50	Mean			1.9780	.02223
	95% Confidence Lower Bound			1.9163	
	Interval for Mean	Upper Bound		2.0397	
	5% Trimmed Mean			1.9778	
	Median			1.9800	
	Variance			.002	
	Std. Deviation			.04970	
	Minimum			1.91	
	Maximum			2.05	
	Range			.14	
	Interquartile Range			.07	
	Skewness			.198	
	Kurtosis			1.888	
GP-100	Mean			.8060	.02731
	95% Confidence Lower Bound			.7302	
	Interval for Mean	Upper Bound		.8818	
	5% Trimmed Mean			.8061	
	Median			.7900	
	Variance			.004	
	Std. Deviation			.06107	
	Minimum			.74	

Maximum	.87	
Range	.13	
Interquartile Range	.12	
Skewness	.248	.913
Kurtosis	-2.872	2.000

Tests of Normality

	Kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar CRP (ng / ml)	Kontrol	.400	5	.009	.752	5	.031
	HFHC	.260	5	.200*	.857	5	.216
	Psyllium	.252	5	.200*	.867	5	.256
	GP-50	.284	5	.200*	.922	5	.545
	GP-100	.253	5	.200*	.855	5	.211

a. Lilliefors Significance Correction

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

Tests of Normality

	Kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
trans_kadarCRPSQRT	Kontrol	.397	5	.010	.760	5	.037
	HFHC	.264	5	.200*	.853	5	.203
	Psyllium	.247	5	.200*	.870	5	.265
	GP-50	.282	5	.200*	.923	5	.548
	GP-100	.252	5	.200*	.859	5	.223

a. Lilliefors Significance Correction

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

Test of Homogeneity of Variances

trans_kadarCRPSQRT

Levene Statistic	df1	df2	Sig.
6.164	4	20	.002

Kruskal-Wallis Test**Ranks**

	Kelompok	N	Mean Rank
trans_kadarCRPSQRT	Kontrol	5	3.10
	HFHC	5	23.00
	Psyllium	5	13.00
	GP-50	5	18.00
	GP-100	5	7.90
	Total	25	

Test Statistics^{a,b}

	trans_kadarCRPSQRT
Chi-Square	23.040
df	4
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok

Mann-Whitney Test**Ranks**

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	Kontrol	5	3.00	15.00
	HFHC	5	8.00	40.00
	Total	10		

Test Statistics^b

	trans_kadarCRPSQRT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.619

Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	Kontrol	5	3.00	15.00
	Psyllium	5	8.00	40.00
	Total	10		

Test Statistics^b

	trans_kadarCRPSQRT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.635
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	Kontrol	5	3.00	15.00
	GP-50	5	8.00	40.00
	Total	10		

Test Statistics^b

	trans_kadarCRPSQRT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.627

Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	Kontrol	5	3.10	15.50
	GP-100	5	7.90	39.50
	Total	10		

Test Statistics^b

	trans_kadarCRPSQRT
Mann-Whitney U	.500
Wilcoxon W	15.500
Z	-2.530
Asymp. Sig. (2-tailed)	.011
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	HFHC	5	8.00	40.00
	Psyllium	5	3.00	15.00
	Total	10		

Test Statistics^b

	trans_kadarC RPSQRT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.627
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	HFHC	5	8.00	40.00
	GP-50	5	3.00	15.00
	Total	10		

Test Statistics^b

	trans_kadarC RPSQRT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.619
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	HFHC	5	8.00	40.00
	GP-100	5	3.00	15.00

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	HFHC	5	8.00	40.00
	GP-100	5	3.00	15.00
	Total	10		

Test Statistics^b

	trans_kadarCRPSQRT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.619
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	Psyllium	5	3.00	15.00
	GP-50	5	8.00	40.00
	Total	10		

Test Statistics^b

	trans_kadarCRPSQRT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.635
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	Psyllium	5	8.00	40.00
	GP-100	5	3.00	15.00
	Total	10		

Test Statistics^b

	trans_kadarCRPSQRT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.635
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
trans_kadarCRPSQRT	GP-50	5	8.00	40.00
	GP-100	5	3.00	15.00
	Total	10		

Test Statistics^b

	trans_kadarCRPSQRT
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.627
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Kelompok

Lampiran 3. *Ethical Clearance*

KOMISI BIOETIKA PENELITIAN KEDOKTERAN/KESEHATAN
FAKULTAS KEDOKTERAN
UNIVERSITAS ISLAM SULTAN AGUNG SEMARANG
 Sekretariat : Gedung C Lantai I Fakultas Kedokteran Unissula
 Jl. Raya Kaligawe Km 4 Semarang, Telp. 024-6583584, Fax 024-6594366

Ethical Clearance

No. 399/VII/2019/Komisi Bioetik

Komisi Bioetika Penelitian Kedokteran/Kesehatan Fakultas Kedokteran Universitas Islam Sultan Agung Semarang, setelah melakukan pengkajian atas usulan penelitian yang berjudul :

**PENGARUH PEMBERIAN GLUKOMANAN PORANG (*Amorphophallus muelleri* Blume)
 TERHADAP KADAR C- REACTIVE PROTEIN (CRP)
 Studi Eksperimental pada Tikus Putih Jantan Sprague Dawley dengan Diet Tinggi
 Karbohidrat dan Tinggi Lemak**

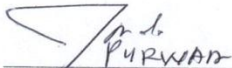
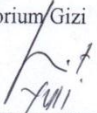
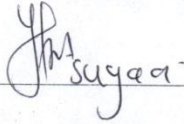
Peneliti Utama : Silfia Fiky Azzahra
 Pembimbing : Azizah Hikmah Safitri, S.Si., M.Si
 dr. Nurina Tyagita, M.Biomed
 Tempat Penelitian : PSPG (Pusat Studi Pangan dan Gizi) Universitas Gajah Mada Yogyakarta

dengan ini menyatakan bahwa usulan penelitian diatas telah memenuhi prasyarat etik penelitian. Oleh karena itu Komisi Bioetika merekomendasikan agar penelitian ini dapat dilaksanakan dengan mempertimbangkan prinsip-prinsip yang dinyatakan dalam Deklarasi Helsinki dan panduan yang tertuang dalam Pedoman Nasional Etik Penelitian Kesehatan (PNEPK) Departemen Kesehatan RI tahun 2004.

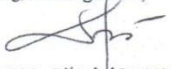
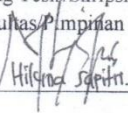
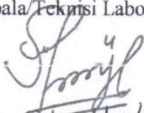
Semarang, 4 Juli 2019
 Komisi Bioetika Penelitian Kedokteran/Kesehatan
 Fakultas Kedokteran Unissula
 Ketua,

 (dr. Sofwan Dahlan, Sp.F(K))

Lampiran 4. Surat Keterangan Bebas Peminjaman

	
UNIVERSITAS GADJAH MADA Pusat Studi Pangan dan Gizi Jln. Teknik Utara, Berek, YOGYAKARTA 55281 Telepon : 0274-589242, Web : www.cfns.ugm.ac.id Email : cfns@ugm.ac.id	
SURAT KETERANGAN BEBAS PEMINJAMAN	
Menerangkan bahwa :	
Nama Mahasiswa/Peneliti	: <u>SILFIA FIKY AZZAHRA</u>
No. Mahasiswa	: <u>30101607738</u>
Jurusan/Fakultas/Universitas	: <u>FAKULTAS KEDOKTERAN PRODI KEDOKTERAN UMUM</u> <u>UNIVERSITAS ISLAM SULTAN AGUNG SEMARANG</u>
Alamat Rumah & Nomor Telp/HP	: <u>KALIGANDU RT 11 / 03 KEC. KLEBO KEC. TENGARAN</u> <u>KAB. SEMARANG JAWA TENGAH</u> <u>081226875705</u>
Tidak mempunyai pinjaman peralatan dan bahan di laboratorium Pusat Studi Pangan dan Gizi Universitas Gadjah Mada	
Yogyakarta, <u>19 SEPTEMBER 2019</u>	
Teknisi, Laboratorium Mikrobiologi  	Teknisi, Laboratorium Kimia dan Biokimia 
Teknisi, Laboratorium Gizi  	Teknisi, Laboratorium Rekayasa Pangan, 
Mengetahui : Kepala PSPG,   Prof. Dr. Ir. Endang S. Rahayu, MS NIP. 195402221980032001	

Lampiran 5. Formulir Pemakaian Hewan Coba

	
UNIVERSITAS GADJAH MADA Pusat Studi Pangan dan Gizi Jln. Teknik Utara, Berek, YOGYAKARTA 55281 Telepon : 0274-589242, Web : www.cfns.ugm.ac.id Email : cfns@ugm.ac.id	
FORMULIR PEMAKAIAN FASILITAS LABORATORIUM GIZI (HEWAN COBA)	
Nama Mahasiswa/Peneliti	: <u>SILFIA FIKY AZZAHRA</u>
No. Mahasiswa	: <u>30101601738</u>
Jurusan/Fakultas/Universitas	: <u>FAKULTAS KEDOKTERAN PRODI KEDOKTERAN UML</u> <u>UNIVERSITAS ISLAM SULTAN AGUNG SEMARANG</u>
Alamat Rumah & Nomor Telp/HP	: <u>KALIGANDU RT 11 RW 03 KLEDO KECAMATAN</u> <u>TENGARAN KABUPATEN SEMARANG, JAWA TENGAH</u> <u>081226875705</u>
Topik Penelitian/Judul : <u>PENGARUH PEMBERIAN GLUKOMANAN PORANG (Amorphophallus muelleri Blume) TERHADAP</u> <u>KADAR C-REACTIVE PROTEIN (CRP)</u> <u>Studi Eksperimental pada Tikus Putih Jantan Galur Sprague dawley dengan Diet Tinggi Karbohidrat</u> <u>dan Lemak</u>	
Mulai bekerja pada tanggal	: <u>18 DESEMBER 2018</u>
Rencana penyelesaian tanggal	: <u>30 JANUARI 2019</u>
Diperpanjang sampai tanggal	: _____
Bekerja di laboratorium	: 1. Gizi
Mahasiswa/Peneliti Yang bersangkutan,  <u>SILFIA FIKY AZZAHRA</u>	
Yogyakarta, <u>19 September 2019</u> Pembimbing Tesis/Skripsi Dekan Fakultas/Pimpinan Lembaga  <u>Azzah/Hilma Sari, S.Si, M.Si</u>	
Mengetahui : Sekretaris,  <u>Wahyuning Hartati</u>	
Kepala/Teknisi Laboratorium  <u>Dr. Siti Helmyati, DCN., H.Kes.</u>	

Lampiran 6. Surat Undangan Ujian Hasil

	FAKULTAS KEDOKTERAN UNIVERSITAS ISLAM SULTAN AGUNG Jl. Raya Kaligawe Km. 4, Semarang 50112, Jawa Tengah	No. Dokumen	FORM-SA-K-PPSK-019
		Tgl Berlaku	01 Oktober 2013
		No. Revisi	01
		Halaman	1 dari 1
Surat Keterangan Pelaksanaan Ujian Hasil Penelitian Skripsi			

No. Hp. Mhs : 081226875705

Yang bertanda tangan dibawah ini, adalah Tim Penguji Skripsi untuk mahasiswa :

Nama	: SILFIA FIKY AZZAHRA
NIM	: 30101607738
Judul Skripsi	: PENGARUH PEMBERIAN GLUKOMANAN PORANG (Amorphophallus muelleri Blume) TERHADAP KADAR C- REACTIVE PROTEIN (CRP) Studi Eksperimental Pada Tikus Putih Jantan Galur Sprague Dawley dengan Diet Tinggi Karbohidrat dan Lemak

Menyatakan persetujuan untuk menguji mahasiswa tersebut, pada :

Hari / Tgl	: Selasa, 3 Desember 2019
Pukul	: Shift II (8.10 - 9.50)
	Shift I (06.30 - 08.10)
	Shift II (08.10 - 09.50)
	Shift III (09.50 - 11.30)
	Shift IV (13.00 - 14.40)
	Shift V (14.40 - 16.40)
Tempat	: Gedung C

TIM PENGUJI

1	dr. Hesty Wahyuningsih M.Si.Med. (Ketua)	ttd :	
2	dr. Menik Sahariyani, M.Sc (Anggota)	ttd :	
3	Azizah Hikma Safitri, S.Si., M. Sc (Anggota)	ttd :	
4	dr. Nurina Tyagita, M.Biomed (Anggota)	ttd :	

Catatan :

1 lembar surat keterangan ini (yang sudah ditandatangani seluruh penguji) diserahkan ke sekretariat pada saat melaporkan waktu ujian yang sudah disepakati (paling lambat 3 hari sebelum ujian). Tanpa itu, ujian bagi mahasiswa ybs tidak akan dipersiapkan.

(No.171)

	FAKULTAS KEDOKTERAN UNIVERSITAS ISLAM SULTAN AGUNG Jl. Raya Kaligawe Km. 4, Semarang 50112, Jawa Tengah	No. Dokumen	FORM-SA-K-PPSK-018
		Tgl Berlaku	01 Oktober 2013
		No. Revisi	01
		Halaman	1 dari 1
Form Pengantar Ujian Hasil Penelitian Skripsi			

No : 026/Skripsi-UH/FK/XI/2019
 Hal : Pengantar Ujian Hasil Penelitian Skripsi
 Lamp : 1 lembar

Kepada Yth. 1. dr. Hesty Wahyuningsih M.Si.Med. (*Ketua*)
 2. dr. Menik Sahariyani, M.Sc (*Anggota*)
 3. Azizah Hikma Safitri, S.Si., M. Sc (*Anggota*)
 4. dr. Nurina Tyagita, M.Biomed (*Anggota*)

Penguji Skripsi FK UNISSULA
 di
 Semarang

Assalamu'alaikum Wr. Wb.

Dengan hormat,
 Bersama ini kami hadapkan mahasiswa sesuai yang tercantum di bawah ini :

Nama : SILFIA FIKY AZZAHRA
 NIM : 30101607738
 Judul Skripsi : PENGARUH PEMBERIAN GLUKOMANAN PORANG
 (Amorphophallus muelleri Blume) TERHADAP KADAR C-
 REACTIVE PROTEIN (CRP) Studi Eksperimental Pada Tikus Putih
 Jantan Galur Sprague Dawley dengan Diet Tinggi Karbohidrat dan
 Lemak

Untuk dapat diuji pada waktu yang telah disepakati oleh mahasiswa ybs dengan
 ketiga/keempat Penguji. Adapun untuk memperlancar pelaksanaan ujian, para penguji
 dimohon untuk dapat hadir tepat waktu.

Demikian, atas perhatian dan kerjasamanya kami ucapkan terima kasih.

Wassalamu'alaikum Wr. Wb.



Semarang, 29 November 2019

Ka. Unit Skripsi,

dr. Mohamad Riza, M.Si

Lampiran 7. Dokumentasi Penelitian



Penimbangan tikus sebelum diberikan perlakuan



Pemberian pakan standard dan akuades



Fruktosa 10% yang diinduksi pada tikus



Induksi diet tinggi karbohidrat dan lemak menggunakan sonde



Penimbangan tikus setelah induksi



Pemberian anestesi pada tikus



Pengambilan sampel darah melalui vena *ophthalmica*



Pengukuran kadar CRP dengan ELISA reader