



LAMPIRAN



INFORMED CONSENT

“Perbedaan Indeks Massa Tubuh (IMT), Kadar Hemoglobin, Albumin, Ureum Dan Kreatinin Pada Pasien Hemodialisa Dengan Dan Tanpa Diabetes Melitus Di RSIJ Cempaka Putih (Analisis Data Sekunder)”

LEMBAR PERSETUJUAN SEBAGAI RESPONDEN

Sehubungan dengan diadakannya penelitian oleh:

Nama : Ainun Nurhaliza

Judul : Perbedaan Indeks Massa Tubuh (IMT), Kadar Hemoglobin, Albumin, Ureum Dan Kreatinin Pada Pasien Hemodialisa Dengan Dan Tanpa Diabetes Melitus Di RSIJ Cempaka Putih (Analisis Data Sekunder)

Saya yang bertanda tangan dibawah ini:

Nama :

Alamat :

Bersedia mengikuti penelitian dengan memberikan informasi yang diperlukan dalam penelitian sebagai berikut:

1. Data identitas responden, tinggi badan, berat badan kering, dan nilai biokimia (Hb, Albumin, Ureum, dan Kretainin) dari rekam medik.

Saya yang mendapat penjelasan dari peneliti tentang manfaat dan tujuan dari penelitian ini. Saya mengerti bahwa penelitian ini tidak akan membahayakan diri saya sendiri dan keluarga saya. Identitas dan jawaban yang akan saya berikan terjamin kerahasiaannya dan hanya diperlukan sebagai bahan penelitian.

Demikian surat pernyataan ini saya tanda tangani secara sadar dan tanpa suatu paksaan.

Jakarta, 2021

Peneliti

Perwakilan RS Islam Jakarta
Cempaka Putih

Ainun Nurhaliza
20170302045

.....



KUESIONER KARAKTERISTIK

“Perbedaan Indeks Massa Tubuh (IMT), Kadar Hemoglobin, Albumin, Ureum Dan Kreatinin Pada Pasien Hemodialisa Dengan Dan Tanpa Diabetes Melitus Di RSIJ Cempaka Putih (Analisis Data Sekunder)”

Kuesioner ini bertujuan untuk mengetahui karakteristik responden meliputi nama, umur, jenis kelamin, jenis penyakit yang diderita (GGK DM atau GGK tanpa DM) dan data responden penelitian di Ruang Hemodialisa RS Islam Jakarta Cempaka Putih. Saya mohon ketersediaan responden untuk dapat menjawab pertanyaan dengan tulus dan benar.

“Isilah pertanyaan dibawah ini dengan mengisi kolom yang sudah disediakan atau melingkari pilihan yang tersedia.”

Waktu Pengambilan Data (Hari/Tanggal):

Karakteristik Responden		
1.	Nama Responden	:
2.	Tempat, Tanggal Lahir	:
3.	Umur	:
4.	Jenis Kelamin	: 1. Laki-Laki 2. Perempuan
5.	Alamat	:
6.	Jenis Penyakit	: 1. Gagal Ginjal Kronik dengan Diabetes Melitus 2. Gagal Ginjal Kronik tanpa Diabetes Melitus
7.	Antropometri	BB kering: kg TB: cm IMT: kg/m ²
8.	Nilai Biokimia	1. Hemoglobin : g/dl 2. Albumin : g/dl 2. Ureum : mg/dl 3. Kreatinin : mg/dl

HALAMAN PERSETUJUAN TURUN LAPANG

HALAMAN PERSETUJUAN TURUN LAPANG

Proposal skripsi ini diajukan oleh :

Nama : Ainun Nurhaliza

NIM : 20170302045

Program Studi : Gizi

Judul Skripsi : Perbedaan Indeks Massa Tubuh (IMT), Kadar Hemoglobin, Albumin, Ureum Dan Kreatinin Pada Pasien Hemodialisa Dengan Dan Tanpa Diabetes Melitus Di RSJ Cempaka Putih (Analisis Data Sekunder)

Telah berhasil dipertahankan di hadapan Tim Penguji dan diterima sebagai bagian persyaratan yang diperlukan untuk melakukan penelitian skripsi pada Program Studi Gizi, Fakultas Ilmu-Ilmu Kesehatan, Universitas Esa Unggul.

TIM PENGUJI

Pembimbing : Mertien Sa'pang, S.Gz., M.Si., RD.

Penguji 1 : Yulia Wahyuni, S.Kep., M.Gizi

Penguji 2 : Anugrah Novianti, S.Gz., M.Gizi

Ditetapkan di : Universitas Esa Unggul

Tanggal : 24 Maret 2021

ETHICAL CLEARANCE



DEWAN PENEGAKAN KODE ETIK UNIVERSITAS ESA
UNGGUL KOMISI ETIK PENELITIAN
Jl. Arjuna Utara No.9 Kebon Jeruk Jakarta Barat 11510
Telp. 021-5674223 email: dpke@esaunggul.ac.id

Nomor : 0113-21.113 /DPKE-KEP/FINAL-EA/UEU/IV/2021

KETERANGAN LOLOS KAJI ETIK **ETHICAL APPROVAL**

Komisi Etik Penelitian Universitas Esa Unggul dalam upaya melindungi hak asasi dan kesejahteraan subyek penelitian kesehatan, telah mengkaji dengan teliti protokol berjudul:

PERBEDAAN INDEKS MASSA TUBUH (IMT), KADAR HEMOGLOBIN, ALBUMIN, UREUM DAN KREATININ PADA PASIEN HEMODIALISA DENGAN DAN TANPA DIABETES MELITUS DI RSJ CEMPAKA PUTIH (ANALISIS DATA SEKUNDER)

Peneliti Utama : Ainun Nurhaliza
Pembimbing : Mertien Sa' pang, S.Gz, M.SI, RD
Nama Institusi : Universitas Esa Unggul

dan telah menyetujui protokol tersebut di atas.

Jakarta, 21 April 2021

Plt. Ketua

Dr. Aprilita Rina Yanti Eff, M.Biomed., Apt

- Ethical approval berlaku satu tahun dari tanggal persetujuan.
- 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 approval harus diperpanjang
 - b. Penelitian berhenti di tengah jalan
 3. Melaporkan kejadian serius yang tidak diinginkan (serious adverse events).
 4. Peneliti tidak boleh melakukan tindakan apapun pada subyek sebelum penelitian lolos kaji etik dan informed consent

OUTPUT SPSS

Analisis Data Univariat/Distribusi Frekuensi

1. Karakteristik Responden

1) Umur Responden

Statistics

Umur Responden		
N	Valid	66
	Missing	0
Mean		55.97
Median		57.00
Std. Deviation		12.380
Variance		153.261
Minimum		25
Maximum		80

Umur Responden

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	25	1	1.5	1.5	1.5
	27	1	1.5	1.5	3.0
	28	1	1.5	1.5	4.5
	34	2	3.0	3.0	7.6
	38	2	3.0	3.0	10.6
	39	1	1.5	1.5	12.1
	40	1	1.5	1.5	13.6
	41	1	1.5	1.5	15.2
	45	1	1.5	1.5	16.7
	46	2	3.0	3.0	19.7
	47	2	3.0	3.0	22.7
	48	3	4.5	4.5	27.3
	49	2	3.0	3.0	30.3
	51	1	1.5	1.5	31.8
	52	3	4.5	4.5	36.4
	53	1	1.5	1.5	37.9
	54	1	1.5	1.5	39.4
56	5	7.6	7.6	47.0	
57	3	4.5	4.5	51.5	
58	2	3.0	3.0	54.5	

59	4	6.1	6.1	60.6
62	5	7.6	7.6	68.2
63	1	1.5	1.5	69.7
64	2	3.0	3.0	72.7
65	3	4.5	4.5	77.3
68	4	6.1	6.1	83.3
69	1	1.5	1.5	84.8
70	3	4.5	4.5	89.4
71	2	3.0	3.0	92.4
72	2	3.0	3.0	95.5
73	1	1.5	1.5	97.0
74	1	1.5	1.5	98.5
80	1	1.5	1.5	100.0
Total	66	100.0	100.0	

2) Kelompok Umur

Frequencies

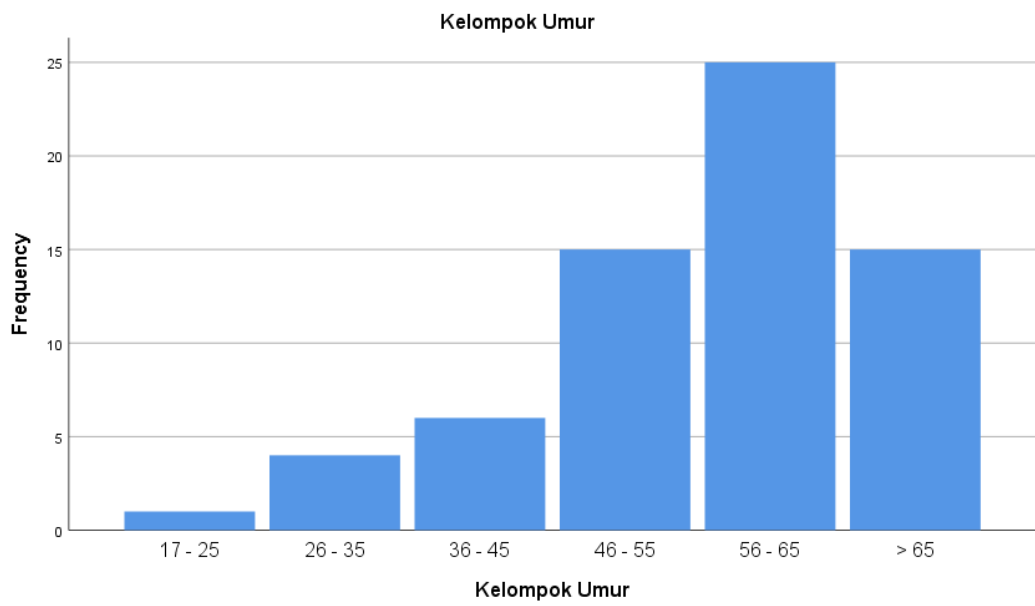
Statistics

Kelompok Umur

N	Valid	66
	Missing	0

Kelompok Umur

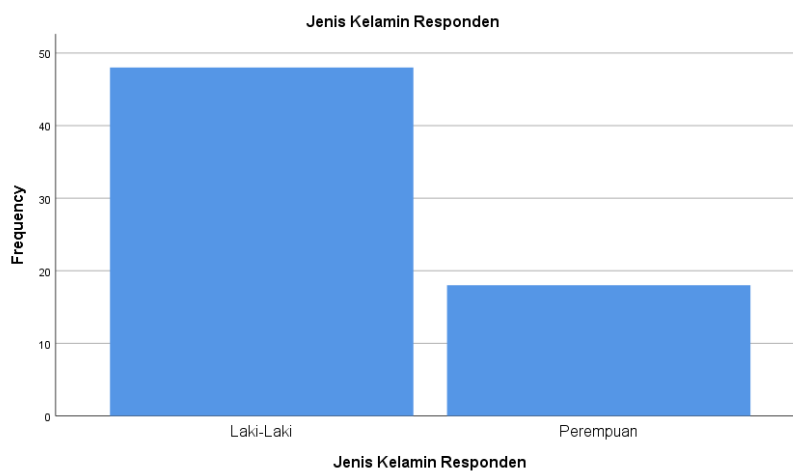
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	17 - 25	1	1.5	1.5	1.5
	26 - 35	4	6.1	6.1	7.6
	36 - 45	6	9.1	9.1	16.7
	46 - 55	15	22.7	22.7	39.4
	56 - 65	25	37.9	37.9	77.3
	> 65	15	22.7	22.7	100.0
Total		66	100.0	100.0	



3) Jenis Kelamin Responden

Frequencies

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-Laki	48	72.7	72.7	72.7
	Perempuan	18	27.3	27.3	100.0
	Total	66	100.0	100.0	



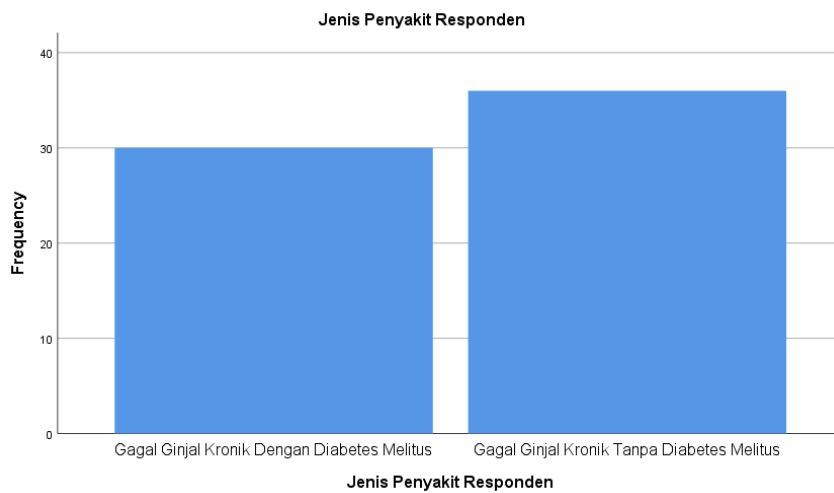
4) Jenis Penyakit Responden

Frequencies

Statistics		
Jenis Penyakit Responden		
N	Valid	66
	Missing	0

Jenis Penyakit Responden

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Gagal Ginjal Kronik Dengan Diabetes Melitus	30	45.5	45.5	45.5
	Gagal Ginjal Kronik Tanpa Diabetes Melitus	36	54.5	54.5	100.0
Total		66	100.0	100.0	



2. Univariat (Normalitas: Histogram) IMT, Hb, Albumin, Ureum, Kreatinin GGK DM

1) IMT

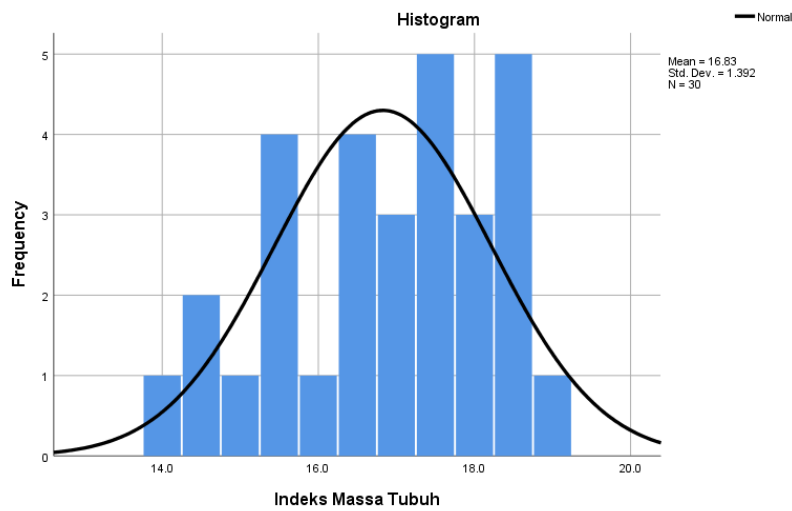
Frequencies

Statistics		
Indeks Massa Tubuh		
N	Valid	30
	Missing	0

Missing	0
Mean	16.827
Median	16.950
Std. Deviation	1.3916
Variance	1.937
Minimum	14.0
Maximum	19.1

Indeks Massa Tubuh

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	14.0	1	3.3	3.3	3.3
	14.3	1	3.3	3.3	6.7
	14.6	1	3.3	3.3	10.0
	14.9	1	3.3	3.3	13.3
	15.3	1	3.3	3.3	16.7
	15.6	3	10.0	10.0	26.7
	16.0	1	3.3	3.3	30.0
	16.4	4	13.3	13.3	43.3
	16.8	1	3.3	3.3	46.7
	16.9	1	3.3	3.3	50.0
	17.0	1	3.3	3.3	53.3
	17.3	2	6.7	6.7	60.0
	17.6	3	10.0	10.0	70.0
	17.8	2	6.7	6.7	76.7
	18.0	1	3.3	3.3	80.0
	18.3	1	3.3	3.3	83.3
	18.4	2	6.7	6.7	90.0
	18.7	2	6.7	6.7	96.7
	19.1	1	3.3	3.3	100.0
	Total		30	100.0	100.0



2) Hb

Frequencies

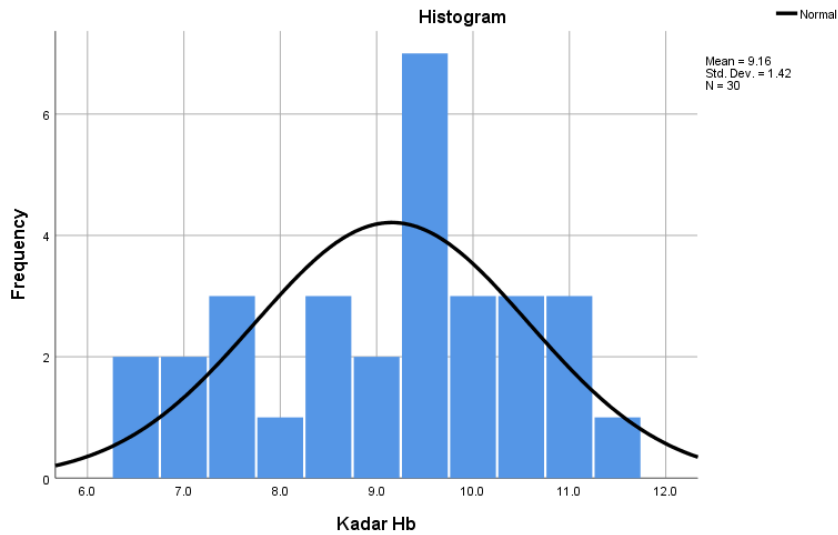
Statistics

Kadar Hb		
N	Valid	30
	Missing	0
Mean		9.157
Median		9.600
Std. Deviation		1.4205
Variance		2.018
Minimum		6.5
Maximum		11.5

Kadar Hb

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	6.5	2	6.7	6.7	6.7
	6.9	1	3.3	3.3	10.0
	7.1	1	3.3	3.3	13.3
	7.3	1	3.3	3.3	16.7
	7.4	1	3.3	3.3	20.0
	7.6	1	3.3	3.3	23.3
	8.2	1	3.3	3.3	26.7
	8.6	1	3.3	3.3	30.0
	8.7	2	6.7	6.7	36.7
	8.9	1	3.3	3.3	40.0

9.1	1	3.3	3.3	43.3
9.4	1	3.3	3.3	46.7
9.6	3	10.0	10.0	56.7
9.7	3	10.0	10.0	66.7
9.9	1	3.3	3.3	70.0
10.1	1	3.3	3.3	73.3
10.2	1	3.3	3.3	76.7
10.3	2	6.7	6.7	83.3
10.7	1	3.3	3.3	86.7
10.9	2	6.7	6.7	93.3
11.1	1	3.3	3.3	96.7
11.5	1	3.3	3.3	100.0
Total	30	100.0	100.0	



3) Albumin

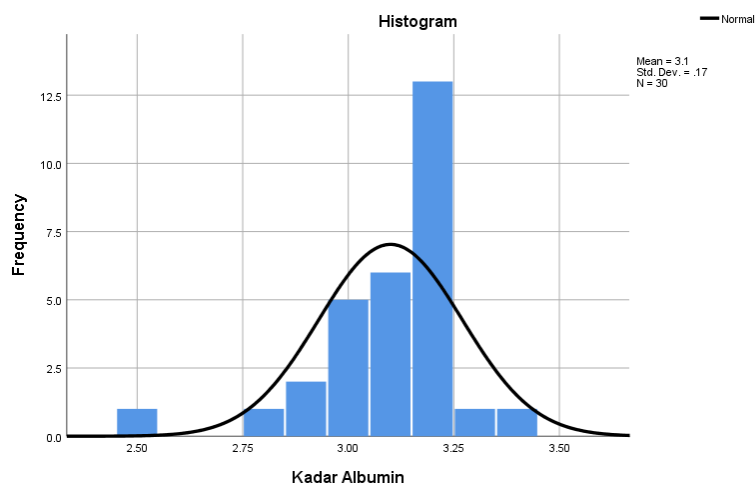
Frequencies

Statistics		
Kadar Albumin		
N	Valid	30
	Missing	0
Mean		3.100
Median		3.150
Std. Deviation		.1702
Variance		.029

Minimum	2.5
Maximum	3.4

Kadar Albumin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2.5	1	3.3	3.3	3.3
	2.8	1	3.3	3.3	6.7
	2.9	2	6.7	6.7	13.3
	3.0	5	16.7	16.7	30.0
	3.1	6	20.0	20.0	50.0
	3.2	13	43.3	43.3	93.3
	3.3	1	3.3	3.3	96.7
	3.4	1	3.3	3.3	100.0
Total		30	100.0	100.0	



4) Ureum

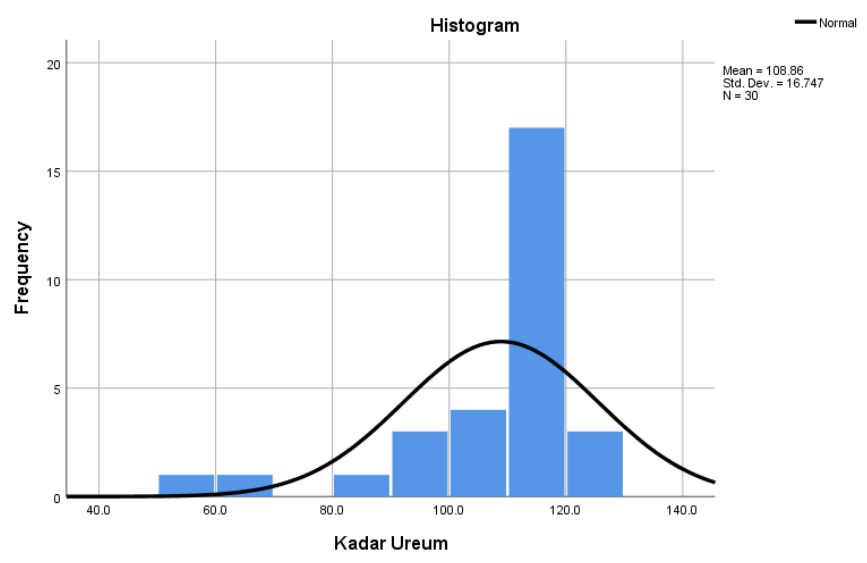
Frequencies

Statistics		
Kadar Ureum		
N	Valid	30
	Missing	0
Mean		108.863
Median		117.500
Std. Deviation		16.7467
Variance		280.453
Minimum		54.5

Maximum 128.0

Kadar Ureum

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	54.5	1	3.3	3.3	3.3
	62.0	1	3.3	3.3	6.7
	85.6	1	3.3	3.3	10.0
	95.0	1	3.3	3.3	13.3
	98.0	1	3.3	3.3	16.7
	99.8	1	3.3	3.3	20.0
	100.0	1	3.3	3.3	23.3
	102.5	1	3.3	3.3	26.7
	103.2	1	3.3	3.3	30.0
	105.2	1	3.3	3.3	33.3
	112.0	2	6.7	6.7	40.0
	117.0	1	3.3	3.3	43.3
	117.5	11	36.7	36.7	80.0
	118.0	2	6.7	6.7	86.7
	119.0	1	3.3	3.3	90.0
	120.0	1	3.3	3.3	93.3
	123.6	1	3.3	3.3	96.7
	128.0	1	3.3	3.3	100.0
	Total		30	100.0	100.0

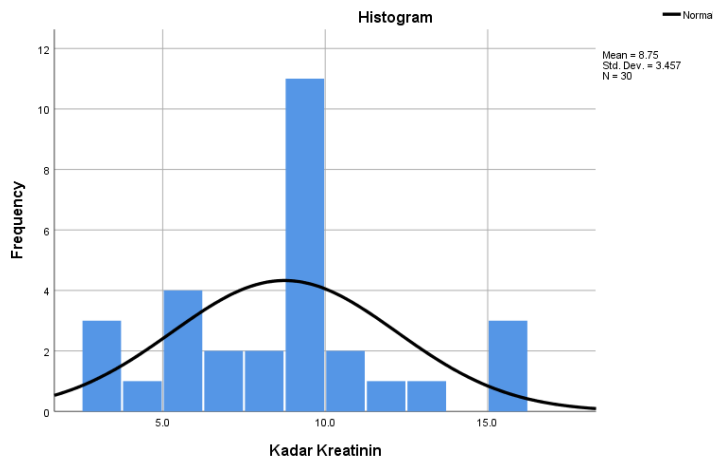


5) Kreatinin

Frequencies

Statistics		
Kadar Kreatinin		
N	Valid	30
	Missing	0
Mean		8.747
Median		9.500
Std. Deviation		3.4569
Variance		11.950
Minimum		2.8
Maximum		16.0

Kadar Kreatinin					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2.8	1	3.3	3.3	3.3
	3.3	1	3.3	3.3	6.7
	3.4	1	3.3	3.3	10.0
	4.6	1	3.3	3.3	13.3
	5.2	2	6.7	6.7	20.0
	5.4	1	3.3	3.3	23.3
	5.6	1	3.3	3.3	26.7
	6.3	1	3.3	3.3	30.0
	6.8	1	3.3	3.3	33.3
	8.4	1	3.3	3.3	36.7
	8.6	1	3.3	3.3	40.0
	9.0	1	3.3	3.3	43.3
	9.5	10	33.3	33.3	76.7
	10.2	1	3.3	3.3	80.0
	11.2	1	3.3	3.3	83.3
	11.6	1	3.3	3.3	86.7
	13.4	1	3.3	3.3	90.0
	15.2	2	6.7	6.7	96.7
	16.0	1	3.3	3.3	100.0
	Total		30	100.0	100.0



3. Univariat (Normalitas: Skewness - Kolmogorov) IMT, Hb, Albumin, Ureum, Kreatinin GGK DM

Explore

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Indeks Massa Tubuh	30	100.0%	0	0.0%	30	100.0%
Kadar Hemoglobin	30	100.0%	0	0.0%	30	100.0%
Kadar Albumin	30	100.0%	0	0.0%	30	100.0%
Kadar Ureum	30	100.0%	0	0.0%	30	100.0%
Kadar Kreatinin	30	100.0%	0	0.0%	30	100.0%

Descriptives

		Statistic	Std. Error
Indeks Massa Tubuh	Mean	16.827	.2541
	95% Confidence Interval for Mean	Lower Bound	16.307
		Upper Bound	17.346
	5% Trimmed Mean	16.859	
	Median	16.950	
	Variance	1.937	
	Std. Deviation	1.3916	
	Minimum	14.0	
	Maximum	19.1	

	Range		5.1	
	Interquartile Range		2.3	
	Skewness		-.355	.427
	Kurtosis		-.747	.833
Kadar Hemoglobin	Mean		9.157	.2593
	95% Confidence Interval for Mean	Lower Bound	8.626	
		Upper Bound	9.687	
	5% Trimmed Mean		9.181	
	Median		9.600	
	Variance		2.018	
	Std. Deviation		1.4205	
	Minimum		6.5	
	Maximum		11.5	
	Range		5.0	
	Interquartile Range		2.2	
	Skewness		-.437	.427
	Kurtosis		-.770	.833
	Kadar Albumin	Mean		3.100
95% Confidence Interval for Mean		Lower Bound	3.036	
		Upper Bound	3.164	
5% Trimmed Mean			3.113	
Median			3.150	
Variance			.029	
Std. Deviation			.1702	
Minimum			2.5	
Maximum			3.4	
Range			.9	
Interquartile Range			.2	
Skewness			-1.619	.427
Kurtosis			4.368	.833
Kadar Ureum		Mean		108.863
	95% Confidence Interval for Mean	Lower Bound	102.610	
		Upper Bound	115.117	
	5% Trimmed Mean		110.763	
	Median		117.500	
	Variance		280.453	
	Std. Deviation		16.7467	
	Minimum		54.5	
Maximum		128.0		

	Range		73.5	
	Interquartile Range		15.6	
	Skewness		-2.047	.427
	Kurtosis		4.323	.833
Kadar Kreatinin	Mean		8.747	.6311
	95% Confidence Interval for Mean	Lower Bound	7.456	
		Upper Bound	10.037	
	5% Trimmed Mean		8.680	
	Median		9.500	
	Variance		11.950	
	Std. Deviation		3.4569	
	Minimum		2.8	
	Maximum		16.0	
	Range		13.2	
	Interquartile Range		4.1	
	Skewness		.259	.427
	Kurtosis		-.174	.833

M-Estimators

	Huber's M- Estimator ^a	Tukey's Biweight ^b	Hampel's M- Estimator ^c	Andrews' Wave ^d
Indeks Massa Tubuh	16.929	16.940	16.913	16.939
Kadar Hemoglobin	9.335	9.381	9.292	9.379
Kadar Albumin	3.145	3.156	3.147	3.156
Kadar Ureum	116.089	117.581	117.507	117.580
Kadar Kreatinin	8.706	8.501	8.567	8.489

a. The weighting constant is 1.339.

b. The weighting constant is 4.685.

c. The weighting constants are 1.700, 3.400, and 8.500

d. The weighting constant is $1.340 \cdot \pi$.

Percentiles

		Percentiles						
		5	10	25	50	75	90	95
Weighted Average(Definition 1)	Indeks Massa Tubuh	14.165	14.630	15.600	16.950	17.850	18.670	18.880
	Kadar Hemoglobin	6.500	6.920	8.050	9.600	10.225	10.900	11.280

	Kadar Albumin	2.665	2.900	3.000	3.150	3.200	3.200	3.345
	Kadar Ureum	58.625	86.540	101.875	117.500	117.500	119.900	125.580
	Kadar Kreatinin	3.075	3.520	5.550	9.500	9.675	15.020	15.560
Tukey's Hinges	Indeks Massa Tubuh			15.600	16.950	17.800		
	Kadar Hemoglobin			8.200	9.600	10.200		
	Kadar Albumin			3.000	3.150	3.200		
	Kadar Ureum			102.500	117.500	117.500		
	Kadar Kreatinin			5.600	9.500	9.500		

Extreme Values

		Case Number		Value
Indeks Massa Tubuh	Highest	1	5	19.1
		2	6	18.7
		3	11	18.7
		4	2	18.4
		5	16	18.4
	Lowest	1	27	14.0
		2	19	14.3
		3	4	14.6
		4	17	14.9
		5	10	15.3
Kadar Hemoglobin	Highest	1	6	11.5
		2	5	11.1
		3	7	10.9
		4	11	10.9
		5	12	10.7
	Lowest	1	19	6.5
		2	17	6.5
		3	27	6.9
		4	28	7.1
		5	30	7.3
Kadar Albumin	Highest	1	5	3.4
		2	11	3.3
		3	1	3.2
		4	2	3.2
		5	3	3.2 ^a
	Lowest	1	17	2.5

		2	23	2.8
		3	27	2.9
		4	7	2.9
		5	30	3.0 ^b
Kadar Ureum	Highest	1	17	128.0
		2	19	123.6
		3	25	120.0
		4	9	119.0
		5	13	118.0 ^c
	Lowest	1	6	54.5
		2	5	62.0
		3	29	85.6
		4	7	95.0
		5	3	98.0
Kadar Kreatinin	Highest	1	17	16.0
		2	19	15.2
		3	25	15.2
		4	22	13.4
		5	24	11.6
	Lowest	1	11	2.8
		2	5	3.3
		3	6	3.4
		4	12	4.6
		5	7	5.2 ^d

- a. Only a partial list of cases with the value 3.2 are shown in the table of upper extremes.
- b. Only a partial list of cases with the value 3.0 are shown in the table of lower extremes.
- c. Only a partial list of cases with the value 118.0 are shown in the table of upper extremes.
- d. Only a partial list of cases with the value 5.2 are shown in the table of lower extremes.

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Indeks Massa Tubuh	.111	30	.200*	.965	30	.415
Kadar Hemoglobin	.156	30	.061	.946	30	.135
Kadar Albumin	.222	30	.001	.836	30	.000
Kadar Ureum	.286	30	.000	.735	30	.000
Kadar Kreatinin	.180	30	.014	.936	30	.070

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

- a. Lilliefors Significance Correction

4. Univariat (Normalitas: Histogram) IMT, Hb, Albumin, Ureum, Kreatinin GGK NON-DM

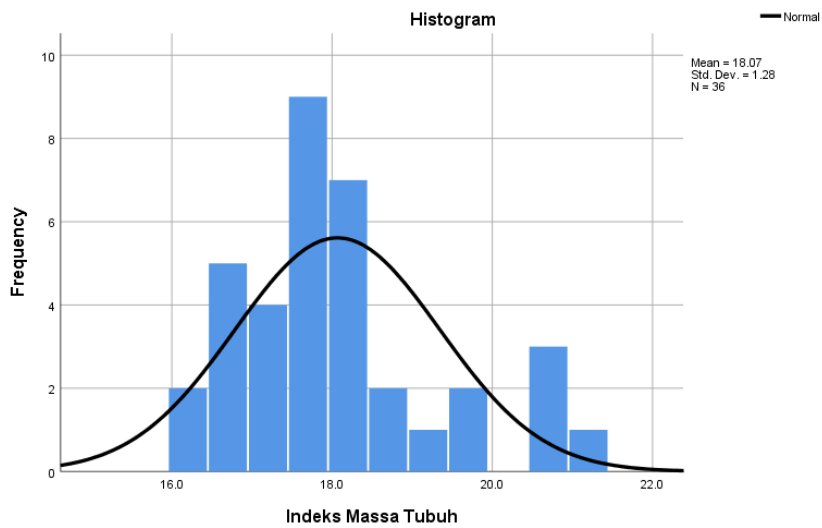
1) IMT

Frequencies

Statistics		
Indeks Massa Tubuh		
N	Valid	36
	Missing	0
Mean		18.067
Median		17.650
Std. Deviation		1.2795
Variance		1.637
Minimum		16.2
Maximum		21.3

Indeks Massa Tubuh						
		Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	16.2	1	2.8	2.8	2.8	
	16.4	1	2.8	2.8	5.6	
	16.6	1	2.8	2.8	8.3	
	16.8	3	8.3	8.3	16.7	
	16.9	1	2.8	2.8	19.4	
	17.2	2	5.6	5.6	25.0	
	17.3	2	5.6	5.6	30.6	
	17.5	1	2.8	2.8	33.3	
	17.6	6	16.7	16.7	50.0	
	17.7	1	2.8	2.8	52.8	
	17.8	1	2.8	2.8	55.6	
	18.0	3	8.3	8.3	63.9	
	18.1	1	2.8	2.8	66.7	
	18.4	3	8.3	8.3	75.0	
	18.7	2	5.6	5.6	80.6	
	19.1	1	2.8	2.8	83.3	
	19.5	2	5.6	5.6	88.9	
	20.5	1	2.8	2.8	91.7	

20.8	1	2.8	2.8	94.4
20.9	1	2.8	2.8	97.2
21.3	1	2.8	2.8	100.0
Total	36	100.0	100.0	



2) Hb

Frequencies

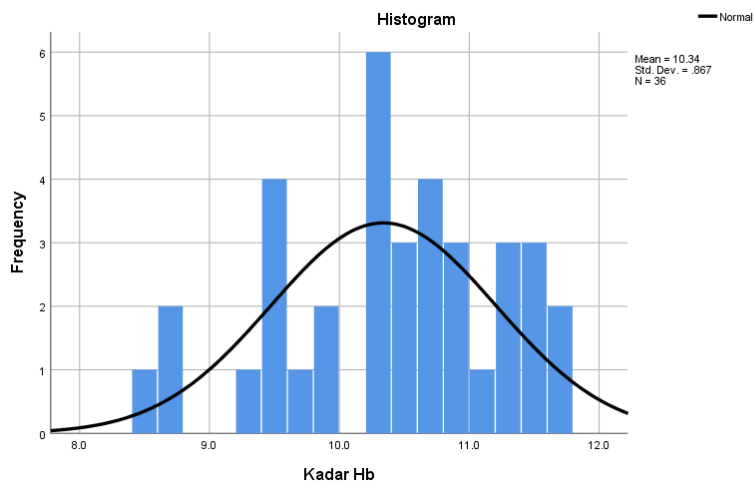
Statistics

Kadar Hb		
N	Valid	36
	Missing	0
Mean		10.339
Median		10.450
Std. Deviation		.8673
Variance		.752
Minimum		8.5
Maximum		11.6

Kadar Hb

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	8.5	1	2.8	2.8	2.8
	8.6	1	2.8	2.8	5.6

8.7	1	2.8	2.8	8.3
9.2	1	2.8	2.8	11.1
9.4	3	8.3	8.3	19.4
9.5	1	2.8	2.8	22.2
9.7	1	2.8	2.8	25.0
9.8	2	5.6	5.6	30.6
10.2	6	16.7	16.7	47.2
10.4	1	2.8	2.8	50.0
10.5	2	5.6	5.6	55.6
10.6	3	8.3	8.3	63.9
10.7	1	2.8	2.8	66.7
10.8	1	2.8	2.8	69.4
10.9	2	5.6	5.6	75.0
11.0	1	2.8	2.8	77.8
11.2	1	2.8	2.8	80.6
11.3	2	5.6	5.6	86.1
11.5	3	8.3	8.3	94.4
11.6	2	5.6	5.6	100.0
Total	36	100.0	100.0	

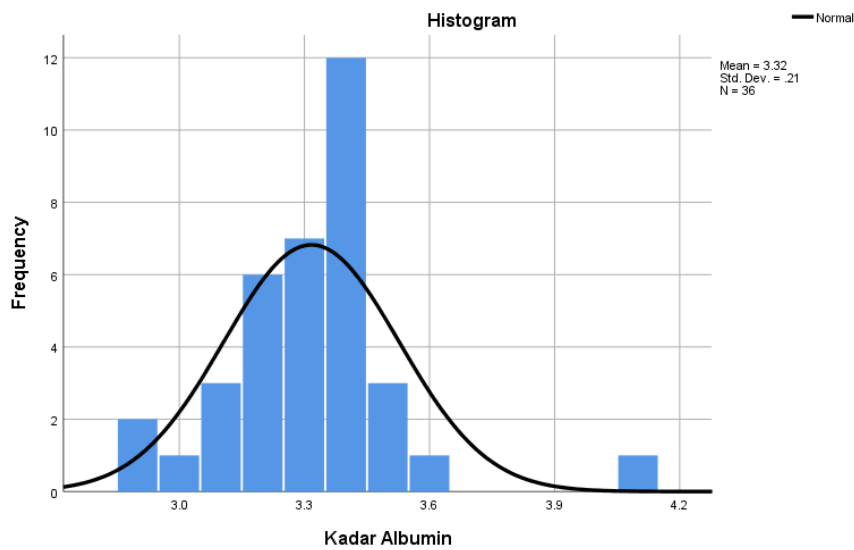


3) Albumin

Frequencies

Statistics		
Kadar Albumin		
N	Valid	36
	Missing	0
Mean		3.317
Median		3.300
Std. Deviation		.2104
Variance		.044
Minimum		2.9
Maximum		4.1

Kadar Albumin					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2.9	2	5.6	5.6	5.6
	3.0	1	2.8	2.8	8.3
	3.1	3	8.3	8.3	16.7
	3.2	6	16.7	16.7	33.3
	3.3	7	19.4	19.4	52.8
	3.4	12	33.3	33.3	86.1
	3.5	3	8.3	8.3	94.4
	3.6	1	2.8	2.8	97.2
	4.1	1	2.8	2.8	100.0
Total		36	100.0	100.0	



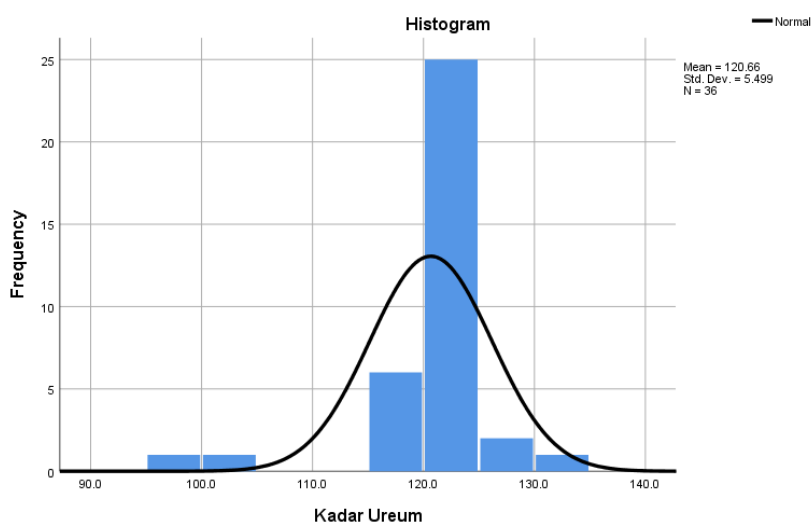
4) Ureum

Frequencies

Statistics		
Kadar Ureum		
N	Valid	36
	Missing	0
Mean		120.664
Median		121.750
Std. Deviation		5.4994
Variance		30.243
Minimum		99.8
Maximum		132.5

Kadar Ureum					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	99.8	1	2.8	2.8	2.8
	103.2	1	2.8	2.8	5.6
	116.2	1	2.8	2.8	8.3
	117.5	1	2.8	2.8	11.1
	118.0	1	2.8	2.8	13.9
	119.0	2	5.6	5.6	19.4
	119.5	1	2.8	2.8	22.2
	120.0	6	16.7	16.7	38.9
	120.2	1	2.8	2.8	41.7
	120.5	1	2.8	2.8	44.4
	121.6	1	2.8	2.8	47.2
	121.7	1	2.8	2.8	50.0
	121.8	1	2.8	2.8	52.8
	122.4	1	2.8	2.8	55.6
	122.5	3	8.3	8.3	63.9
	122.8	2	5.6	5.6	69.4
	123.0	5	13.9	13.9	83.3
	123.6	1	2.8	2.8	86.1
	124.4	1	2.8	2.8	88.9
	124.5	1	2.8	2.8	91.7
125.0	1	2.8	2.8	94.4	

125.4	1	2.8	2.8	97.2
132.5	1	2.8	2.8	100.0
Total	36	100.0	100.0	



5) Kreatinin

Frequencies

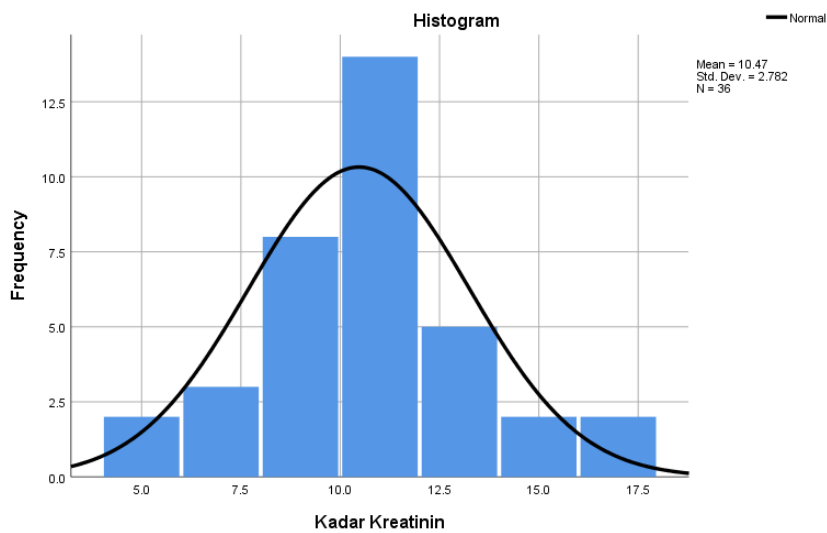
Statistics

Kadar Kreatinin		
N	Valid	36
	Missing	0
Mean		10.472
Median		10.200
Std. Deviation		2.7823
Variance		7.741
Minimum		5.2
Maximum		17.5

Kadar Kreatinin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5.2	1	2.8	2.8	2.8
	5.7	1	2.8	2.8	5.6
	6.3	1	2.8	2.8	8.3
	7.2	1	2.8	2.8	11.1

7.5	1	2.8	2.8	13.9
8.4	2	5.6	5.6	19.4
8.5	1	2.8	2.8	22.2
9.2	2	5.6	5.6	27.8
9.5	2	5.6	5.6	33.3
9.6	1	2.8	2.8	36.1
10.0	3	8.3	8.3	44.4
10.2	8	22.2	22.2	66.7
10.5	1	2.8	2.8	69.4
11.2	1	2.8	2.8	72.2
11.4	1	2.8	2.8	75.0
12.2	2	5.6	5.6	80.6
12.6	2	5.6	5.6	86.1
13.4	1	2.8	2.8	88.9
15.0	1	2.8	2.8	91.7
15.6	1	2.8	2.8	94.4
17.0	1	2.8	2.8	97.2
17.5	1	2.8	2.8	100.0
Total	36	100.0	100.0	



5. Univariat (Normalitas: Skewness – Kolmogrov) IMT, Hb, Albumin, Ureum, Kreatinin GGK NON DM

Explore

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Indeks Massa Tubuh	36	100.0%	0	0.0%	36	100.0%
Kadar Hemoglobin	36	100.0%	0	0.0%	36	100.0%
Kadar Albumin	36	100.0%	0	0.0%	36	100.0%
Kadar Ureum	36	100.0%	0	0.0%	36	100.0%
Kadar Kreatinin	36	100.0%	0	0.0%	36	100.0%

Descriptives

		Statistic	Std. Error	
Indeks Massa Tubuh	Mean	18.067	.2133	
	95% Confidence Interval for Mean	Lower Bound	17.634	
		Upper Bound	18.500	
	5% Trimmed Mean	17.996		
	Median	17.650		
	Variance	1.637		
	Std. Deviation	1.2795		
	Minimum	16.2		
	Maximum	21.3		
	Range	5.1		
	Interquartile Range	1.4		
	Skewness	1.068	.393	
	Kurtosis	.658	.768	
Kadar Hemoglobin	Mean	10.339	.1445	
	95% Confidence Interval for Mean	Lower Bound	10.045	
		Upper Bound	10.632	
	5% Trimmed Mean	10.369		
	Median	10.450		
	Variance	.752		
	Std. Deviation	.8673		

	Minimum		8.5	
	Maximum		11.6	
	Range		3.1	
	Interquartile Range		1.3	
	Skewness		-.420	.393
	Kurtosis		-.525	.768
Kadar Albumin	Mean		3.317	.0351
	95% Confidence Interval for	Lower Bound	3.245	
	Mean	Upper Bound	3.388	
	5% Trimmed Mean		3.309	
	Median		3.300	
	Variance		.044	
	Std. Deviation		.2104	
	Minimum		2.9	
	Maximum		4.1	
	Range		1.2	
	Interquartile Range		.2	
	Skewness		1.014	.393
	Kurtosis		4.767	.768
Kadar Ureum	Mean		120.664	.9166
	95% Confidence Interval for	Lower Bound	118.803	
	Mean	Upper Bound	122.525	
	5% Trimmed Mean		121.257	
	Median		121.750	
	Variance		30.243	
	Std. Deviation		5.4994	
	Minimum		99.8	
	Maximum		132.5	
	Range		32.7	
	Interquartile Range		3.0	
	Skewness		-2.268	.393
	Kurtosis		8.009	.768
Kadar Kreatinin	Mean		10.472	.4637
	95% Confidence Interval for	Lower Bound	9.531	
	Mean	Upper Bound	11.414	
	5% Trimmed Mean		10.375	
	Median		10.200	
	Variance		7.741	
	Std. Deviation		2.7823	

Minimum	5.2	
Maximum	17.5	
Range	12.3	
Interquartile Range	2.8	
Skewness	.684	.393
Kurtosis	.883	.768

M-Estimators

	Huber's M- Estimator ^a	Tukey's Biweight ^b	Hampel's M- Estimator ^c	Andrews' Wave ^d
Indeks Massa Tubuh	17.826	17.689	17.841	17.682
Kadar Hemoglobin	10.414	10.421	10.401	10.420
Kadar Albumin	3.315	3.323	3.310	3.325
Kadar Ureum	121.514	121.632	121.615	121.632
Kadar Kreatinin	10.177	10.046	10.095	10.052

- The weighting constant is 1.339.
- The weighting constant is 4.685.
- The weighting constants are 1.700, 3.400, and 8.500
- The weighting constant is $1.340 \cdot \pi$.

Percentiles

		Percentiles						
		5	10	25	50	75	90	95
Weighted Average(Definition 1)	Indeks Massa Tubuh	16.370	16.740	17.225	17.650	18.625	20.590	20.960
	Kadar Hemoglobin	8.585	9.050	9.725	10.450	10.975	11.500	11.600
	Kadar Albumin	2.900	3.070	3.200	3.300	3.400	3.500	3.675
	Kadar Ureum	102.690	117.110	120.000	121.750	123.000	124.650	126.465
	Kadar Kreatinin	5.625	6.930	9.200	10.200	12.000	15.180	17.075
Tukey's Hinges	Indeks Massa Tubuh			17.250	17.650	18.550		
	Kadar Hemoglobin			9.750	10.450	10.950		
	Kadar Albumin			3.200	3.300	3.400		
	Kadar Ureum			120.000	121.750	123.000		
	Kadar Kreatinin			9.200	10.200	11.800		

Extreme Values

		Case Number		Value
Indeks Massa Tubuh	Highest	1	23	21.3
		2	5	20.9
		3	16	20.8
		4	4	20.5
		5	2	19.5 ^a
	Lowest	1	21	16.2
		2	34	16.4
		3	18	16.6
		4	29	16.8
		5	24	16.8 ^b
Kadar Hemoglobin	Highest	1	5	11.6
		2	15	11.6
		3	4	11.5
		4	16	11.5
		5	23	11.5
	Lowest	1	21	8.5
		2	3	8.6
		3	31	8.7
		4	34	9.2
		5	29	9.4 ^c
Kadar Albumin	Highest	1	5	4.1
		2	4	3.6
		3	12	3.5
		4	16	3.5
		5	30	3.5
	Lowest	1	31	2.9
		2	3	2.9
		3	20	3.0
		4	34	3.1
		5	24	3.1 ^d
Kadar Ureum	Highest	1	16	132.5
		2	2	125.4
		3	5	125.0
		4	15	124.5
		5	23	124.4
	Lowest	1	3	99.8

		2	31	103.2
		3	10	116.2
		4	25	117.5
		5	7	118.0
Kadar Kreatinin	Highest	1	5	17.5
		2	23	17.0
		3	16	15.6
		4	4	15.0
		5	30	13.4
	Lowest	1	31	5.2
		2	10	5.7
		3	29	6.3
		4	34	7.2
		5	24	7.5

- Only a partial list of cases with the value 19.5 are shown in the table of upper extremes.
- Only a partial list of cases with the value 16.8 are shown in the table of lower extremes.
- Only a partial list of cases with the value 9.4 are shown in the table of lower extremes.
- Only a partial list of cases with the value 3.1 are shown in the table of lower extremes.

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Indeks Massa Tubuh	.160	36	.021	.902	36	.004
Kadar Hemoglobin	.131	36	.124	.954	36	.140
Kadar Albumin	.207	36	.000	.877	36	.001
Kadar Ureum	.242	36	.000	.721	36	.000
Kadar Kreatinin	.206	36	.001	.934	36	.033

- Lilliefors Significance Correction

6. Analisis Bivariat Variabel

1) IMT

T-Test

Group Statistics

	Jenis Penyakit Responden	N	Mean	Std. Deviation	Std. Error Mean
Indeks Massa Tubuh	Gagal Ginjal Kronik Dengan Diabetes Melitus	30	16.827	1.3916	.2541
	Gagal Ginjal Kronik Tanpa Diabetes Melitus	36	18.067	1.2795	.2133

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	95% Confidence Interval of the Difference	
									Lower	Upper
Indeks Massa Tubuh	Equal variances assumed	.879	.352	-3.767	64	.000	-1.2400	.3291	-1.8975	-.5825
	Equal variances not assumed			-3.738	59.703	.000	-1.2400	.3317	-1.9036	-.5764

2) Kadar Hb

T-Test

Group Statistics

	Jenis Penyakit Responden	N	Mean	Std. Deviation	Std. Error Mean
Kadar Hemoglobin (g/dl)	Gagal Ginjal Kronik Dengan Diabetes Melitus	30	9.157	1.4205	.2593
	Gagal Ginjal Kronik Tanpa Diabetes Melitus	36	10.339	.8673	.1445

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	95% Confidence Interval of the Difference	
									Lower	Upper
Kadar Hemoglobin (g/dl)	Equal variances assumed	8.843	.004	-4.154	64	.000	-1.1822	.2846	-1.7508	-.6136
	Equal variances not assumed			-3.982	46.128	.000	-1.1822	.2969	-1.7798	-.5846

3) Kadar Albumin

NPar Tests

Mann-Whitney Test

Ranks

	Jenis Penyakit Responden	N	Mean Rank	Sum of Ranks
Kadar Albumin (g/dl)	Gagal Ginjal Kronik Dengan Diabetes Melitus	30	22.13	664.00
	Gagal Ginjal Kronik Tanpa Diabetes Melitus	36	42.97	1547.00
	Total	66		

Test Statistics^a

Kadar Albumin (g/dl)	
Mann-Whitney U	199.000
Wilcoxon W	664.000
Z	-4.474
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Jenis Penyakit Responden

4) Kadar Ureum

NPar Tests

Mann-Whitney Test

		Ranks		
	Jenis Penyakit Responden	N	Mean Rank	Sum of Ranks
Kadar Ureum (mg/dl)	Gagal Ginjal Kronik Dengan Diabetes Melitus	30	20.27	608.00
	Gagal Ginjal Kronik Tanpa Diabetes Melitus	36	44.53	1603.00
	Total	66		

Test Statistics^a

	Kadar Ureum (mg/dl)
Mann-Whitney U	143.000
Wilcoxon W	608.000
Z	-5.133
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Jenis Penyakit Responden

5) Kadar Kreatinin

T-Test


		Group Statistics			
	Jenis Penyakit Responden	N	Mean	Std. Deviation	Std. Error Mean
Kadar Kreatinin (mg/dl)	Gagal Ginjal Kronik Dengan Diabetes Melitus	30	8.747	3.4569	.6311
	Gagal Ginjal Kronik Tanpa Diabetes Melitus	36	10.472	2.7823	.4637

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	95% Confidence Interval of the Difference	
									Lower	Upper
Kadar Kreatinin (mg/dl)	Equal variances assumed	1.635	.206	-2.247	64	.028	-1.7256	.7679	-3.2595	-.1916
	Equal variances not assumed			-2.203	55.387	.032	-1.7256	.7832	-3.2948	-.1563

DOKUMENTASI



 PROGRAM STUDI GIZI
FAKULTAS ILMU-ILMU KESEHATAN
UNIVERSITAS ESA UNGGUL
Es Unggul Jl. Arjuna Utara No. 9, Kebon Jeruk, Jakarta. 11510

KUESIONER PENELITIAN

"Perbedaan Indeks Massa Tubuh (IMT), Kadar Hemoglobin, Albumin, Ureum Dan Kreatinin Pada Pasien Hemodialisa Dengan Dan Tanpa Diabetes Melitus Di RSJI Cempaka Putih (Analisis Data Sekunder)"

LEMBAR PERSETUJUAN SEBAGAI RESPONDEN

Sehubungan dengan diadakannya penelitian oleh:

Nama : Ainun Nurhaliza
Judul : Perbedaan Indeks Massa Tubuh (IMT), Kadar Hemoglobin, Albumin, Ureum Dan Kreatinin Pada Pasien Hemodialisa Dengan Dan Tanpa Diabetes Melitus Di RSJI Cempaka Putih (Analisis Data Sekunder)

Saya yang bertanda tangan dibawah ini:

Nama : Ibu Maria
Alamat : Cempaka Putih, Jakarta Pusat

Bersedia mengikuti penelitian dengan memberikan informasi yang diperlukan dalam penelitian sebagai berikut:


1. Data identitas responden, tinggi badan, berat badan kering, dan nilai biokimia (Hb, Albumin, Ureum, dan Kreatinin) dari rekam medik.

Saya yang mendapat penjelasan dari peneliti tentang manfaat dan tujuan dari penelitian ini. Saya mengerti bahwa penelitian ini tidak akan membahayakan diri saya sendiri dan keluarga saya. Identitas dan jawaban yang akan saya berikan terjamin kerahasiaannya dan hanya diperlukan sebagai bahan penelitian.

Demikian surat pernyataan ini saya tanda tangani secara sadar dan tanpa suatu paksaan.

Peneliti


Ainun Nurhaliza
20170302045

Jakarta, 03 Juni..... 2021
Perwakilan Rumah Sakit Islam
Jakarta Cempaka Putih

Bona Maria, AMM, RMT

 RUMAH SAKIT ISLAM JAKARTA CEMPAKA PUTIH
Jl. Cempaka Putih Tengah I/1 Jakarta 10510
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E-mail : rsjpusat@rsi.co.id Website: www.rsi.co.id

RUMAH SAKIT WILAYAH JAKARTA PUSAT BAGIAN TIMUR

KWITANSI
CR21060007

Sudah Terima Dari : AINUN N

Terbilang : Tujuh Ratus Lima Puluh Ribu Rupiah

Untuk Pembayaran : Biaya Adm Penelitian mhs.
Univ. Esa Unggul

Jumlah Rp 750.000,-

Jakarta, 03 JUNI 2021


KaUr. Perbendaharaan