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Lampiran 1. *INFORMED CONSENT*

INFORMED CONSENT

Yang bertanda tangan dibawah ini,

Nama :

Nim :

Jurusan :

Bersedia untuk berpartisipasi dalam penelitian yang dilakukan oleh salah satu mahasiswa S1 Fisioterapi Universitas Hasanuddin dengan judul “Hubungan Indikator Obesitas dengan Tekanan Darah Systolik dan Tekanan Darah Diastolik pada Mahasiswa Fakultas Keperawatan Universitas Hasanuddin” hingga selesai.

Adapun prosedur yang akan dilakukan dalam penelitian ini adalah melakukan pengukuran tinggi badan, berat badan, lingkar pinggang, lingkar panggul, lingkar lengan atas dan pengukuran tekanan darah. Penelitian ini bertujuan untuk mengetahui hubungan indikator obesitas dengan tekanan darah systolik dan diastolik pada mahasiswa fakultas keperawatan Universitas Hasanuddin.

Saya telah mendapatkan penjelasan dan memahami informasi yang diberikan oleh peneliti serta mengetahui tujuan dan manfaat penelitian tersebut. Saya mengerti bahwa peneliti akan menjaga kerahasiaan data diri responden. Demikian secara sadar, sukarela, dan tidak ada unsur paksaan dari siapapun, saya bersedia menandatangani lembar persetujuan ini.

Makassar, 2020

Peneliti

Responden

Yunita Rahmayanti
C13116008

Lampiran 2. SURAT PERNYATAAN KESEDIAAN MENJADI RESPONDEN**SURAT PERNYATAAN
KESEDIAAN MENJADI RESPONDEN**

Yang bertanda tangan di bawah ini:

Nama :

Jenis Kelamin :

Tempat, tanggal lahir :

Jurusan :

Alamat :

Bersedia menjadi responden dalam rangka pengambilan data penelitian untuk menyelesaikan tugas akhir (skripsi) S1 Fisioterapi dengan judul “Hubungan Indikator Obesitas dengan Tekanan Darah Sistolik dan Tekanan Darah Diastolik pada Mahasiswa Fakultas Keperawatan Universitas Hasanuddin” yang disusun oleh Yunita Rahmayanti. Surat persetujuan menjadi responden ini saya setujui dengan ikhlas tanpa adanya unsur paksaan.

Demikian surat pertujuan ini saya buat dengan sebenar-benarnya untuk dapat digunakan sebagaimana mestinya.

Makassar, 2020

Responden

Lampiran 3. Blanko Prngukuran Antropometri dan Tekanan Darah

FORMULIR PENELITIAN

Kode Responden

A. Identitas Responden

1. Nama :
2. Jenis Kelamin : Laki-laki/ Perempuan
3. Tempat, Tanggal Lahir :
4. Agama :
5. Umur :
6. Alamat :

B. Riwayat Penyakit Lain

1. Hipertensi : Ya Tidak
2. Jantung : Ya Tidak
3. Paru-paru : Ya Tidak

C. Konsumsi : Ya Tidak

1. Alkohol : Ya Tidak
2. Kafein : Ya Tidak
3. Rokok : Ya Tidak
4. Obat : Ya, sebutkan :
 Tidak

D. Pemeriksaan

1. Tinggi Badan : (cm)
2. Berat Badan : (kg)
3. Lingkar Pinggang : (cm)
4. Lingkar Panggul : (cm)
5. Lingkar Lengan Atas : (cm)
6. Tekanan Darah : / mmHg

IMT					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurus	13	22.0	22.0	22.0
	Normal	33	55.9	55.9	78.0
	Berat Badan Lebih	4	6.8	6.8	84.7
	Obesitas	9	15.3	15.3	100.0
	Total	59	100.0	100.0	

LIPI					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Normal	48	81.4	81.4	81.4
	Obesitas	11	18.6	18.6	100.0
	Total	59	100.0	100.0	

RLPP					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Normal	45	76.3	76.3	76.3
	Obesitas	14	23.7	23.7	100.0
	Total	59	100.0	100.0	

RFM					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Kurus	1	1.7	1.7	1.7
	Sehat	28	47.5	47.5	49.2
	Overfat	14	23.7	23.7	72.9
	Obesitas	16	27.1	27.1	100.0
	Total	59	100.0	100.0	

LILA					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	gizi kurang	13	22.0	22.0	22.0
	gizi baik	33	55.9	55.9	78.0
	overweight	6	10.2	10.2	88.1
	obesitas	7	11.9	11.9	100.0
Total		59	100.0	100.0	

ABSI					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	sedang	26	44.1	44.1	44.1
	sedang-tinggi	33	55.9	55.9	100.0
Total		59	100.0	100.0	

Sistol					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Optimal	39	66.1	66.1	66.1
	Normal	14	23.7	23.7	89.8
	Normal-Tinggi	3	5.1	5.1	94.9
	Hipertensi	3	5.1	5.1	100.0
Total		59	100.0	100.0	

Distol					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Optimal	36	61.0	61.0	61.0
	Normal	18	30.5	30.5	91.5
	Hipertensi	5	8.5	8.5	100.0
	Total	59	100.0	100.0	

b. Sampel Laki-Laki

		Statistics							
		Diastol	Sistol	Lila	ABSI	RFM	RLPP	Lipi	IMT
N	Valid	5	5	5	5	5	5	5	5
	Missing	0	0	0	0	0	0	0	0

		IMT			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	kurus	1	20.0	20.0	20.0
	normal	3	60.0	60.0	80.0
	obesitas	1	20.0	20.0	100.0
	Total	5	100.0	100.0	

		Lipi			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	normal	4	80.0	80.0	80.0
	obesitas	1	20.0	20.0	100.0
	Total	5	100.0	100.0	

		RLPP			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	normal	4	80.0	80.0	80.0
	obesitas	1	20.0	20.0	100.0
	Total	5	100.0	100.0	

RFM					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	sehat	4	80.0	80.0	80.0
	obesitas	1	20.0	20.0	100.0
Total		5	100.0	100.0	

Lila					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	gizi kurang	1	20.0	20.0	20.0
	gizi baik	2	40.0	40.0	60.0
	overweight	2	40.0	40.0	100.0
Total		5	100.0	100.0	

ABSI					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	resiko rendah	2	40.0	40.0	40.0
	resiko sedang-tinggi	3	60.0	60.0	100.0
Total		5	100.0	100.0	

Sistol					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	optimal	2	40.0	40.0	40.0
	normal	1	20.0	20.0	60.0
	normal-tinggi	1	20.0	20.0	80.0
	hipertensi	1	20.0	20.0	100.0
Total		5	100.0	100.0	

		Diastol			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	optimal	1	20.0	20.0	20.0
	normal	3	60.0	60.0	80.0
	hipertensi	1	20.0	20.0	100.0
	Total	5	100.0	100.0	

3. Analisis Bivariat Fisher Exact Indikator Obesitas dengan Tekanan Darah

a. Sampel Perempuan

Crosstabs

	Case Processing Summary					
	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
IMT * Sistol	59	100.0%	0	0.0%	59	100.0%
IMT * Distol	59	100.0%	0	0.0%	59	100.0%
LIPI * Sistol	59	100.0%	0	0.0%	59	100.0%
LIPI * Distol	59	100.0%	0	0.0%	59	100.0%
RLPP * Sistol	59	100.0%	0	0.0%	59	100.0%
RLPP * Distol	59	100.0%	0	0.0%	59	100.0%
RFM * Sistol	59	100.0%	0	0.0%	59	100.0%
RFM * Distol	59	100.0%	0	0.0%	59	100.0%
LILA * Sistol	59	100.0%	0	0.0%	59	100.0%
LILA * Distol	59	100.0%	0	0.0%	59	100.0%
ABSI * Sistol	59	100.0%	0	0.0%	59	100.0%
ABSI * Distol	59	100.0%	0	0.0%	59	100.0%

IMT * Sistol**Crosstab**

			Sistol				Total
			Optimal	Normal	Normal-Tinggi	Hipertensi	
IMT	Kurus	Count	10	3	0	0	13
		Expected Count	8.6	3.1	.7	.7	13.0
		% within IMT	76.9%	23.1%	0.0%	0.0%	100.0%
	Normal	Count	21	9	1	2	33
		Expected Count	21.8	7.8	1.7	1.7	33.0
		% within IMT	63.6%	27.3%	3.0%	6.1%	100.0%
	Berat Badan Lebih	Count	3	1	0	0	4
		Expected Count	2.6	.9	.2	.2	4.0
		% within IMT	75.0%	25.0%	0.0%	0.0%	100.0%
	Obesitas	Count	5	1	2	1	9
		Expected Count	5.9	2.1	.5	.5	9.0
		% within IMT	55.6%	11.1%	22.2%	11.1%	100.0%
Total	Count	39	14	3	3	59	
	Expected Count	39.0	14.0	3.0	3.0	59.0	
	% within IMT	66.1%	23.7%	5.1%	5.1%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	9.149 ^a	9	.424	.418		
Likelihood Ratio	8.511	9	.484	.591		
Fisher's Exact Test	7.357			.546		
Linear-by-Linear Association	2.659 ^b	1	.103	.105	.067	.018
N of Valid Cases	59					

a. 12 cells (75.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 1.631.

IMT * Distol**Crosstab**

		Distol			Total	
		Optimal	Normal	Hipertensi		
IMT	Kurus	Count	8	4	1	13
		Expected Count	7.9	4.0	1.1	13.0
		% within IMT	61.5%	30.8%	7.7%	100.0%
	Normal	Count	19	11	3	33
		Expected Count	20.1	10.1	2.8	33.0
		% within IMT	57.6%	33.3%	9.1%	100.0%
	Berat Badan Lebih	Count	2	2	0	4
		Expected Count	2.4	1.2	.3	4.0
		% within IMT	50.0%	50.0%	0.0%	100.0%
	Obesitas	Count	7	1	1	9
		Expected Count	5.5	2.7	.8	9.0
		% within IMT	77.8%	11.1%	11.1%	100.0%
Total	Count	36	18	5	59	
	Expected Count	36.0	18.0	5.0	59.0	
	% within IMT	61.0%	30.5%	8.5%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	2.690 ^a	6	.847	.893		
Likelihood Ratio	3.273	6	.774	.889		
Fisher's Exact Test	3.031			.843		
Linear-by-Linear Association	.104 ^b	1	.747	.758	.418	.061
N of Valid Cases	59					

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .34.

b. The standardized statistic is -.323.

LIPI * Sistol**Crosstab**

			Sistol				Total
			Optimal	Normal	Normal-Tinggi	Hipertensi	
LIPI	Normal	Count	33	11	2	2	48
		Expected Count	31.7	11.4	2.4	2.4	48.0
		% within LIPI	68.8%	22.9%	4.2%	4.2%	100.0%
	Obesitas	Count	6	3	1	1	11
		Expected Count	7.3	2.6	.6	.6	11.0
		% within LIPI	54.5%	27.3%	9.1%	9.1%	100.0%
Total	Count	39	14	3	3	59	
	Expected Count	39.0	14.0	3.0	3.0	59.0	
	% within LIPI	66.1%	23.7%	5.1%	5.1%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	1.198 ^a	3	.753	.955		
Likelihood Ratio	1.087	3	.780	.955		
Fisher's Exact Test	2.252			.511		
Linear-by-Linear Association	1.125 ^b	1	.289	.308	.195	.084
N of Valid Cases	59					

a. 5 cells (62.5%) have expected count less than 5. The minimum expected count is .56.

b. The standardized statistic is 1.061.

LIPI * Distol**Crosstab**

		Distol			Total	
		Optimal	Normal	Hipertensi		
LIPI	Normal	Count	29	16	3	48
		Expected Count	29.3	14.6	4.1	48.0
		% within LIPI	60.4%	33.3%	6.3%	100.0%
	Obesitas	Count	7	2	2	11
		Expected Count	6.7	3.4	.9	11.0
		% within LIPI	63.6%	18.2%	18.2%	100.0%
Total		Count	36	18	5	59
		Expected Count	36.0	18.0	5.0	59.0
		% within LIPI	61.0%	30.5%	8.5%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	2.192 ^a	2	.334	.395		
Likelihood Ratio	2.005	2	.367	.533		
Fisher's Exact Test	2.265			.284		
Linear-by-Linear Association	.497 ^b	1	.481	.575	.291	.104
N of Valid Cases	59					

a. 3 cells (50.0%) have expected count less than 5. The minimum expected count is .93.

b. The standardized statistic is .705.

RLPP * Sistol**Crosstab**

			Sistol				Total
			Optimal	Normal	Normal-Tinggi	Hipertensi	
RLPP	Normal	Count	31	9	3	2	45
		Expected Count	29.7	10.7	2.3	2.3	45.0
		% within RLPP	68.9%	20.0%	6.7%	4.4%	100.0%
	Obesitas	Count	8	5	0	1	14
		Expected Count	9.3	3.3	.7	.7	14.0
		% within RLPP	57.1%	35.7%	0.0%	7.1%	100.0%
Total	Count	39	14	3	3	59	
	Expected Count	39.0	14.0	3.0	3.0	59.0	
	% within RLPP	66.1%	23.7%	5.1%	5.1%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	2.420 ^a	3	.490	.483		
Likelihood Ratio	3.008	3	.390	.547		
Fisher's Exact Test	2.359			.472		
Linear-by-Linear Association	.175 ^b	1	.675	.713	.393	.127
N of Valid Cases	59					

a. 5 cells (62.5%) have expected count less than 5. The minimum expected count is .71.

b. The standardized statistic is .419.

RLPP * Distol**Crosstab**

			Distol			
			Optimal	Normal	Hipertensi	Total
RLPP	Normal	Count	27	14	4	45
		Expected Count	27.5	13.7	3.8	45.0
		% within RLPP	60.0%	31.1%	8.9%	100.0%
	Obesitas	Count	9	4	1	14
		Expected Count	8.5	4.3	1.2	14.0
		% within RLPP	64.3%	28.6%	7.1%	100.0%
Total	Count	36	18	5	59	
	Expected Count	36.0	18.0	5.0	59.0	
	% within RLPP	61.0%	30.5%	8.5%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	.093 ^a	2	.955	1.000		
Likelihood Ratio	.095	2	.954	1.000		
Fisher's Exact Test	.183			1.000		
Linear-by-Linear Association	.084 ^b	1	.772	.867	.475	.136
N of Valid Cases	59					

a. 3 cells (50.0%) have expected count less than 5. The minimum expected count is 1.19.

b. The standardized statistic is -.290.

RFM * Sistol

Crosstab

		Sistol					
		Optimal	Normal	Normal-Tinggi	Hipertensi	Total	
RFM	Kurus	Count	1	0	0	0	1
		Expected Count	.7	.2	.1	.1	1.0
		% within RFM	100.0%	0.0%	0.0%	0.0%	100.0%
	Sehat	Count	21	6	0	1	28
		Expected Count	18.5	6.6	1.4	1.4	28.0
		% within RFM	75.0%	21.4%	0.0%	3.6%	100.0%
	Overfat	Count	9	4	1	0	14
		Expected Count	9.3	3.3	.7	.7	14.0
		% within RFM	64.3%	28.6%	7.1%	0.0%	100.0%
	Obesitas	Count	8	4	2	2	16
		Expected Count	10.6	3.8	.8	.8	16.0
		% within RFM	50.0%	25.0%	12.5%	12.5%	100.0%
Total	Count	39	14	3	3	59	
	Expected Count	39.0	14.0	3.0	3.0	59.0	
	% within RFM	66.1%	23.7%	5.1%	5.1%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	7.533 ^a	9	.582	.486		
Likelihood Ratio	9.013	9	.436	.460		
Fisher's Exact Test	9.857			.430		
Linear-by-Linear Association	4.730 ^b	1	.030	.033	.020	.007
N of Valid Cases	59					

a. 12 cells (75.0%) have expected count less than 5. The minimum expected count is .05.

b. The standardized statistic is 2.175.

RFM * Distol**Crosstab**

		Distol			Total	
		Optimal	Normal	Hipertensi		
RFM	Kurus	Count	1	0	0	1
		Expected Count	.6	.3	.1	1.0
		% within RFM	100.0%	0.0%	0.0%	100.0%
	Sehat	Count	15	10	3	28
		Expected Count	17.1	8.5	2.4	28.0
		% within RFM	53.6%	35.7%	10.7%	100.0%
	Overfat	Count	9	5	0	14
		Expected Count	8.5	4.3	1.2	14.0
		% within RFM	64.3%	35.7%	0.0%	100.0%
	Obesitas	Count	11	3	2	16
		Expected Count	9.8	4.9	1.4	16.0
		% within RFM	68.8%	18.8%	12.5%	100.0%
Total		Count	36	18	5	59
		Expected Count	36.0	18.0	5.0	59.0
		% within RFM	61.0%	30.5%	8.5%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	3.831 ^a	6	.700	.691		
Likelihood Ratio	5.416	6	.492	.564		
Fisher's Exact Test	4.589			.692		
Linear-by-Linear Association	.137 ^b	1	.711	.739	.395	.063
N of Valid Cases	59					

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .08.

b. The standardized statistic is -.370.

LILA * Sistol**Crosstab**

			Sistol				Total
			Optimal	Normal	Normal-Tinggi	Hipertensi	
LILA	gizi kurang	Count	9	4	0	0	13
		Expected Count	8.6	3.1	.7	.7	13.0
		% within LILA	69.2%	30.8%	0.0%	0.0%	100.0%
	gizi baik	Count	23	8	1	1	33
		Expected Count	21.8	7.8	1.7	1.7	33.0
		% within LILA	69.7%	24.2%	3.0%	3.0%	100.0%
	overweight	Count	2	2	1	1	6
		Expected Count	4.0	1.4	.3	.3	6.0
		% within LILA	33.3%	33.3%	16.7%	16.7%	100.0%
	obesitas	Count	5	0	1	1	7
		Expected Count	4.6	1.7	.4	.4	7.0
		% within LILA	71.4%	0.0%	14.3%	14.3%	100.0%
Total	Count	39	14	3	3	59	
	Expected Count	39.0	14.0	3.0	3.0	59.0	
	% within LILA	66.1%	23.7%	5.1%	5.1%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	10.625 ^a	9	.302	.276		
Likelihood Ratio	11.896	9	.219	.265		
Fisher's Exact Test	11.288			.149		
Linear-by-Linear Association	2.963 ^b	1	.085	.087	.057	.017
N of Valid Cases	59					

a. 13 cells (81.3%) have expected count less than 5. The minimum expected count is .31.

b. The standardized statistic is 1.721.

LILA * Distol

Crosstab

			Distol			Total
			Optimal	Normal	Hipertensi	
LILA	gizi kurang	Count	7	5	1	13
		Expected Count	7.9	4.0	1.1	13.0
		% within LILA	53.8%	38.5%	7.7%	100.0%
	gizi baik	Count	20	10	3	33
		Expected Count	20.1	10.1	2.8	33.0
		% within LILA	60.6%	30.3%	9.1%	100.0%
	overweight	Count	3	3	0	6
		Expected Count	3.7	1.8	.5	6.0
		% within LILA	50.0%	50.0%	0.0%	100.0%
obesitas	Count	6	0	1	7	
	Expected Count	4.3	2.1	.6	7.0	
	% within LILA	85.7%	0.0%	14.3%	100.0%	
Total	Count	36	18	5	59	
	Expected Count	36.0	18.0	5.0	59.0	
	% within LILA	61.0%	30.5%	8.5%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	4.894 ^a	6	.557	.573		
Likelihood Ratio	7.281	6	.296	.387		
Fisher's Exact Test	5.232			.479		
Linear-by-Linear Association	.240 ^b	1	.624	.681	.356	.061
N of Valid Cases	59					

a. 9 cells (75.0%) have expected count less than 5. The minimum expected count is .51.

b. The standardized statistic is -.490.

ABSI * Sistol**Crosstab**

			Sistol				Total
			Optimal	Normal	Normal-Tinggi	Hipertensi	
ABSI	sedang	Count	17	5	2	2	26
		Expected Count	17.2	6.2	1.3	1.3	26.0
		% within ABSI	65.4%	19.2%	7.7%	7.7%	100.0%
	sedang-tinggi	Count	22	9	1	1	33
		Expected Count	21.8	7.8	1.7	1.7	33.0
		% within ABSI	66.7%	27.3%	3.0%	3.0%	100.0%
Total	Count	39	14	3	3	59	
	Expected Count	39.0	14.0	3.0	3.0	59.0	
	% within ABSI	66.1%	23.7%	5.1%	5.1%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	1.643 ^a	3	.650	.650		
Likelihood Ratio	1.649	3	.648	.650		
Fisher's Exact Test	1.792			.650		
Linear-by-Linear Association	.507 ^b	1	.476	.529	.292	.097
N of Valid Cases	59					

a. 4 cells (50.0%) have expected count less than 5. The minimum expected count is 1.32.

b. The standardized statistic is -.712.

ABSI * Distol**Crosstab**

			Distol			Total
			Optimal	Normal	Hipertensi	
ABSI	sedang	Count	17	7	2	26
		Expected Count	15.9	7.9	2.2	26.0
		% within ABSI	65.4%	26.9%	7.7%	100.0%
	sedang-tinggi	Count	19	11	3	33
		Expected Count	20.1	10.1	2.8	33.0
		% within ABSI	57.6%	33.3%	9.1%	100.0%
Total	Count	36	18	5	59	
	Expected Count	36.0	18.0	5.0	59.0	
	% within ABSI	61.0%	30.5%	8.5%	100.0%	

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	.375 ^a	2	.829	.919		
Likelihood Ratio	.376	2	.828	.851		
Fisher's Exact Test	.464			.919		
Linear-by-Linear Association	.213 ^b	1	.644	.664	.383	.107
N of Valid Cases	59					

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is 2.20.

b. The standardized statistic is .462.

b. Sampel Laki-Laki

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
IMT * Sistol	5	100.0%	0	0.0%	5	100.0%
IMT * Diastol	5	100.0%	0	0.0%	5	100.0%
Lipi * Sistol	5	100.0%	0	0.0%	5	100.0%
Lipi * Diastol	5	100.0%	0	0.0%	5	100.0%
RLPP * Sistol	5	100.0%	0	0.0%	5	100.0%
RLPP * Diastol	5	100.0%	0	0.0%	5	100.0%
RFM * Sistol	5	100.0%	0	0.0%	5	100.0%
RFM * Diastol	5	100.0%	0	0.0%	5	100.0%
Lila * Sistol	5	100.0%	0	0.0%	5	100.0%
Lila * Diastol	5	100.0%	0	0.0%	5	100.0%
ABSI * Sistol	5	100.0%	0	0.0%	5	100.0%
ABSI * Diastol	5	100.0%	0	0.0%	5	100.0%

IMT * Sistol

		Crosstab					Total
		Optimal	Normal	Normal-Tinggi	Hipertensi		
IMT	kurus	Count	1	0	0	0	1
		Expected Count	.4	.2	.2	.2	1.0
		% within IMT	100.0%	0.0%	0.0%	0.0%	100.0%
	normal	Count	1	1	1	0	3
		Expected Count	1.2	.6	.6	.6	3.0
		% within IMT	33.3%	33.3%	33.3%	0.0%	100.0%
	obesitas	Count	0	0	0	1	1
		Expected Count	.4	.2	.2	.2	1.0
		% within IMT	0.0%	0.0%	0.0%	100.0%	100.0%
Total	Count	2	1	1	1	5	
	Expected Count	2.0	1.0	1.0	1.0	5.0	
	% within IMT	40.0%	20.0%	20.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	6.667 ^a	6	.353	.900		
Likelihood Ratio	6.730	6	.347	1.000		
Fisher's Exact Test	6.600			1.000		
Linear-by-Linear Association	2.647 ^b	1	.104	.200	.100	.100
N of Valid Cases	5					

a. 12 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 1.627.

IMT * Diastol

Crosstab						
			Diastol			Total
			Optimal	Normal	Hipertensi	
IMT	kurus	Count	1	0	0	1
		Expected Count	.2	.6	.2	1.0
		% within IMT	100.0%	0.0%	0.0%	100.0%
	normal	Count	0	3	0	3
		Expected Count	.6	1.8	.6	3.0
		% within IMT	0.0%	100.0%	0.0%	100.0%
	obesitas	Count	0	0	1	1
		Expected Count	.2	.6	.2	1.0
		% within IMT	0.0%	0.0%	100.0%	100.0%
Total	Count	1	3	1	5	
	Expected Count	1.0	3.0	1.0	5.0	
	% within IMT	20.0%	60.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	10.000 ^a	4	.040	.100		
Likelihood Ratio	9.503	4	.050	.100		
Fisher's Exact Test	7.121			.100		
Linear-by-Linear Association	4.000 ^b	1	.046	.100	.050	.050
N of Valid Cases	5					

a. 9 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 2.000.

Lipi * Sistol

		Crosstab					
		Sistol					
		Optimal	Normal	Normal- Tinggi	Hipertensi	Total	
Lipi	normal	Count	2	1	1	0	4
		Expected Count	1.6	.8	.8	.8	4.0
		% within Lipi	50.0%	25.0%	25.0%	0.0%	100.0%
obesitas		Count	0	0	0	1	1
		Expected Count	.4	.2	.2	.2	1.0
		% within Lipi	0.0%	0.0%	0.0%	100.0%	100.0%
Total		Count	2	1	1	1	5
		Expected Count	2.0	1.0	1.0	1.0	5.0
		% within Lipi	40.0%	20.0%	20.0%	20.0%	100.0%

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	5.000 ^a	3	.172	.600		
Likelihood Ratio	5.004	3	.172	.600		
Fisher's Exact Test	4.119			.600		
Linear-by-Linear Association	2.382 ^b	1	.123	.200	.200	.200
N of Valid Cases	5					

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 1.543.

Lipi * Diastol

		Crosstab				
			Diastol			Total
			Optimal	Normal	Hipertensi	
Lipi	normal	Count	1	3	0	4
		Expected Count	.8	2.4	.8	4.0
		% within Lipi	25.0%	75.0%	0.0%	100.0%
	obesitas	Count	0	0	1	1
		Expected Count	.2	.6	.2	1.0
		% within Lipi	0.0%	0.0%	100.0%	100.0%
Total	Count	1	3	1	5	
	Expected Count	1.0	3.0	1.0	5.0	
	% within Lipi	20.0%	60.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	5.000 ^a	2	.082	.400		
Likelihood Ratio	5.004	2	.082	.400		
Fisher's Exact Test	3.719			.400		
Linear-by-Linear Association	2.500 ^b	1	.114	.400	.200	.200
N of Valid Cases	5					

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 1.581.

RLPP * Sistol

			Sistol				Total
			Optimal	Normal	Normal-Tinggi	Hipertensi	
RLPP	normal	Count	2	1	1	0	4
		Expected Count	1.6	.8	.8	.8	4.0
		% within RLPP	50.0%	25.0%	25.0%	0.0%	100.0%
	obesitas	Count	0	0	0	1	1
		Expected Count	.4	.2	.2	.2	1.0
		% within RLPP	0.0%	0.0%	0.0%	100.0%	100.0%
Total	Count	2	1	1	1	5	
	Expected Count	2.0	1.0	1.0	1.0	5.0	
	% within RLPP	40.0%	20.0%	20.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	5.000 ^a	3	.172	.600		
Likelihood Ratio	5.004	3	.172	.600		
Fisher's Exact Test	4.119			.600		
Linear-by-Linear Association	2.382 ^b	1	.123	.200	.200	.200
N of Valid Cases	5					

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 1.543.

RLPP * Diastol

			Diastol			Total
			Optimal	Normal	Hipertensi	
RLPP	normal	Count	1	3	0	4
		Expected Count	.8	2.4	.8	4.0
		% within RLPP	25.0%	75.0%	0.0%	100.0%
	obesitas	Count	0	0	1	1
		Expected Count	.2	.6	.2	1.0
		% within RLPP	0.0%	0.0%	100.0%	100.0%
Total	Count	1	3	1	5	
	Expected Count	1.0	3.0	1.0	5.0	
	% within RLPP	20.0%	60.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	5.000 ^a	2	.082	.400		
Likelihood Ratio	5.004	2	.082	.400		
Fisher's Exact Test	3.719			.400		
Linear-by-Linear Association	2.500 ^b	1	.114	.400	.200	.200
N of Valid Cases	5					

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 1.581.

RFM * Sistol

			Sistol				Total
			Optimal	Normal	Normal-Tinggi	Hipertensi	
RFM	sehat	Count	2	1	1	0	4
		Expected Count	1.6	.8	.8	.8	4.0
		% within RFM	50.0%	25.0%	25.0%	0.0%	100.0%
	obesitas	Count	0	0	0	1	1
		Expected Count	.4	.2	.2	.2	1.0
		% within RFM	0.0%	0.0%	0.0%	100.0%	100.0%
Total	Count	2	1	1	1	5	
	Expected Count	2.0	1.0	1.0	1.0	5.0	
	% within RFM	40.0%	20.0%	20.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	5.000 ^a	3	.172	.600		
Likelihood Ratio	5.004	3	.172	.600		
Fisher's Exact Test	4.119			.600		
Linear-by-Linear Association	2.382 ^b	1	.123	.200	.200	.200
N of Valid Cases	5					

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 1.543.

RFM * Diastol

			Diastol			Total
			Optimal	Normal	Hipertensi	
RFM	sehat	Count	1	3	0	4
		Expected Count	.8	2.4	.8	4.0
		% within RFM	25.0%	75.0%	0.0%	100.0%
	obesitas	Count	0	0	1	1
		Expected Count	.2	.6	.2	1.0
		% within RFM	0.0%	0.0%	100.0%	100.0%
Total	Count	1	3	1	5	
	Expected Count	1.0	3.0	1.0	5.0	
	% within RFM	20.0%	60.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	5.000 ^a	2	.082	.400		
Likelihood Ratio	5.004	2	.082	.400		
Fisher's Exact Test	3.719			.400		
Linear-by-Linear Association	2.500 ^b	1	.114	.400	.200	.200
N of Valid Cases	5					

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 1.581.

Lila * Sistol

			Crosstab				Total
			Optimal	Normal	Normal-Tinggi	Hipertensi	
Lila	gizi kurang	Count	1	0	0	0	1
		Expected Count	.4	.2	.2	.2	1.0
		% within Lila	100.0%	0.0%	0.0%	0.0%	100.0%
	gizi baik	Count	1	1	0	0	2
		Expected Count	.8	.4	.4	.4	2.0
		% within Lila	50.0%	50.0%	0.0%	0.0%	100.0%
	overweight	Count	0	0	1	1	2
		Expected Count	.8	.4	.4	.4	2.0
		% within Lila	0.0%	0.0%	50.0%	50.0%	100.0%
Total	Count	2	1	1	1	5	
	Expected Count	2.0	1.0	1.0	1.0	5.0	
	% within Lila	40.0%	20.0%	20.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	6.250 ^a	6	.396	1.000		
Likelihood Ratio	7.777	6	.255	1.000		
Fisher's Exact Test	6.547			1.000		
Linear-by-Linear Association	3.034 ^b	1	.082	.100	.067	.067
N of Valid Cases	5					

a. 12 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 1.742.

Lila * Diastol

		Crosstab				
			Diastol			
			Optimal	Normal	Hipertensi	Total
Lila	gizi kurang	Count	1	0	0	1
		Expected Count	.2	.6	.2	1.0
		% within Lila	100.0%	0.0%	0.0%	100.0%
	gizi baik	Count	0	2	0	2
		Expected Count	.4	1.2	.4	2.0
		% within Lila	0.0%	100.0%	0.0%	100.0%
	overweight	Count	0	1	1	2
		Expected Count	.4	1.2	.4	2.0
		% within Lila	0.0%	50.0%	50.0%	100.0%
Total	Count	1	3	1	5	
	Expected Count	1.0	3.0	1.0	5.0	
	% within Lila	20.0%	60.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	6.667 ^a	4	.155	.400		
Likelihood Ratio	6.730	4	.151	.600		
Fisher's Exact Test	5.159			.600		
Linear-by-Linear Association	2.857 ^b	1	.091	.200	.100	.100
N of Valid Cases	5					

a. 9 cells (100.0%) have expected count less than 5. The minimum expected count is .20.

b. The standardized statistic is 1.690.

ABSI * Sistol

			Sistol				Total
			Optimal	Normal	Normal-Tinggi	Hipertensi	
ABSI	resiko rendah	Count	0	0	1	1	2
		Expected Count	.8	.4	.4	.4	2.0
		% within ABSI	0.0%	0.0%	50.0%	50.0%	100.0%
	resiko sedang-tinggi	Count	2	1	0	0	3
		Expected Count	1.2	.6	.6	.6	3.0
		% within ABSI	66.7%	33.3%	0.0%	0.0%	100.0%
Total	Count	2	1	1	1	5	
	Expected Count	2.0	1.0	1.0	1.0	5.0	
	% within ABSI	40.0%	20.0%	20.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	5.000 ^a	3	.172	.400		
Likelihood Ratio	6.730	3	.081	.400		
Fisher's Exact Test	4.289			.400		
Linear-by-Linear Association	3.314 ^b	1	.069	.100	.100	.100
N of Valid Cases	5					

a. 8 cells (100.0%) have expected count less than 5. The minimum expected count is .40.

b. The standardized statistic is -1.820.

ABSI * Diastol

			Diastol			Total
			Optimal	Normal	Hipertensi	
ABSI	resiko rendah	Count	0	1	1	2
		Expected Count	.4	1.2	.4	2.0
		% within ABSI	0.0%	50.0%	50.0%	100.0%
	resiko sedang-tinggi	Count	1	2	0	3
		Expected Count	.6	1.8	.6	3.0
		% within ABSI	33.3%	66.7%	0.0%	100.0%
Total	Count	1	3	1	5	
	Expected Count	1.0	3.0	1.0	5.0	
	% within ABSI	20.0%	60.0%	20.0%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	2.222 ^a	2	.329	1.000		
Likelihood Ratio	2.911	2	.233	1.000		
Fisher's Exact Test	2.097			1.000		
Linear-by-Linear Association	1.667 ^b	1	.197	.600	.300	.300
N of Valid Cases	5					

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is .40.
b. The standardized statistic is -1.291.

c. Gabungan Sampel Perempuan dan Laki-Laki

	Case Processing Summary					
	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
IMT * Distol	64	100.0%	0	0.0%	64	100.0%
LIPI * Distol	64	100.0%	0	0.0%	64	100.0%
RLPP * Distol	64	100.0%	0	0.0%	64	100.0%
RFM * Distol	64	100.0%	0	0.0%	64	100.0%
LILA * Distol	64	100.0%	0	0.0%	64	100.0%
ABSI * Distol	64	100.0%	0	0.0%	64	100.0%

	Case Processing Summary					
	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
IMT * Sistol	64	100.0%	0	0.0%	64	100.0%
LIPI * Sistol	64	100.0%	0	0.0%	64	100.0%
RLPP * Sistol	64	100.0%	0	0.0%	64	100.0%
RFM * Sistol	64	100.0%	0	0.0%	64	100.0%
LILA * Sistol	64	100.0%	0	0.0%	64	100.0%
ABSI * Sistol	64	100.0%	0	0.0%	64	100.0%

IMT * Sistol

		Crosstab					Total
		Optimal	Normal	Normal-Tinggi	Hipertensi		
IMT	Kurus	Count	11	3	0	0	14
		Expected Count	9.0	3.3	.9	.9	14.0
		% within IMT	78.6%	21.4%	0.0%	0.0%	100.0%
	Normal	Count	22	10	2	2	36
		Expected Count	23.1	8.4	2.3	2.3	36.0
		% within IMT	61.1%	27.8%	5.6%	5.6%	100.0%
	Berat Badan Lebih	Count	3	1	0	0	4
		Expected Count	2.6	.9	.3	.3	4.0
		% within IMT	75.0%	25.0%	0.0%	0.0%	100.0%
	Obesitas	Count	5	1	2	2	10
		Expected Count	6.4	2.3	.6	.6	10.0
		% within IMT	50.0%	10.0%	20.0%	20.0%	100.0%
Total	Count	41	15	4	4	64	
	Expected Count	41.0	15.0	4.0	4.0	64.0	
	% within IMT	64.1%	23.4%	6.3%	6.3%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	10.336 ^a	9	.324	.300		
Likelihood Ratio	10.532	9	.309	.386		
Fisher's Exact Test	8.339			.412		
Linear-by-Linear Association	4.925 ^b	1	.026	.026	.019	.006
N of Valid Cases	64					

a. 12 cells (75.0%) have expected count less than 5. The minimum expected count is .25.

b. The standardized statistic is 2.219.

IMT * Distol

		Crosstab				
			Distol			
			Optimal	Normal	Hipertensi	Total
IMT	Kurus	Count	9	4	1	14
		Expected Count	8.1	4.6	1.3	14.0
		% within IMT	64.3%	28.6%	7.1%	100.0%
	Normal	Count	19	14	3	36
		Expected Count	20.8	11.8	3.4	36.0
		% within IMT	52.8%	38.9%	8.3%	100.0%
	Berat Badan Lebih	Count	2	2	0	4
		Expected Count	2.3	1.3	.4	4.0
		% within IMT	50.0%	50.0%	0.0%	100.0%
	Obesitas	Count	7	1	2	10
		Expected Count	5.8	3.3	.9	10.0
		% within IMT	70.0%	10.0%	20.0%	100.0%
Total		Count	37	21	6	64
		Expected Count	37.0	21.0	6.0	64.0
		% within IMT	57.8%	32.8%	9.4%	100.0%

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	4.682 ^a	6	.585	.595		
Likelihood Ratio	5.284	6	.508	.622		
Fisher's Exact Test	4.740			.555		
Linear-by-Linear Association	.184 ^b	1	.668	.717	.354	.051
N of Valid Cases	64					

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .38.

b. The standardized statistic is .429.

LIPI * Sistol

		Crosstab					Total
		Sistol					
			Optimal	Normal	Normal-Tinggi	Hipertensi	
LIPI	Normal	Count	35	12	3	2	52
		Expected Count	33.3	12.2	3.3	3.3	52.0
		% within LIPI	67.3%	23.1%	5.8%	3.8%	100.0%
	Obesitas	Count	6	3	1	2	12
		Expected Count	7.7	2.8	.8	.8	12.0
		% within LIPI	50.0%	25.0%	8.3%	16.7%	100.0%
Total	Count	41	15	4	4	64	
	Expected Count	41.0	15.0	4.0	4.0	64.0	
	% within LIPI	64.1%	23.4%	6.3%	6.3%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	3.138 ^a	3	.371	.417		
Likelihood Ratio	2.577	3	.462	.541		
Fisher's Exact Test	3.502			.248		
Linear-by-Linear Association	2.659 ^b	1	.103	.139	.082	.039
N of Valid Cases	64					

a. 5 cells (62.5%) have expected count less than 5. The minimum expected count is .75.

b. The standardized statistic is 1.631.

LIPI * Distol

		Crosstab				
		Distol			Total	
		Optimal	Normal	Hipertensi		
LIPI	Normal	Count	30	19	3	52
		Expected Count	30.1	17.1	4.9	52.0
		% within LIPI	57.7%	36.5%	5.8%	100.0%
	Obesitas	Count	7	2	3	12
		Expected Count	6.9	3.9	1.1	12.0
		% within LIPI	58.3%	16.7%	25.0%	100.0%
Total	Count	37	21	6	64	
	Expected Count	37.0	21.0	6.0	64.0	
	% within LIPI	57.8%	32.8%	9.4%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	5.020 ^a	2	.081	.062		
Likelihood Ratio	4.350	2	.114	.125		
Fisher's Exact Test	4.459			.073		
Linear-by-Linear Association	1.715 ^b	1	.190	.214	.133	.057
N of Valid Cases	64					

a. 3 cells (50.0%) have expected count less than 5. The minimum expected count is 1.13.

b. The standardized statistic is 1.310.

RLPP * Sistol

			Sistol				Total
			Optimal	Normal	Normal-Tinggi	Hipertensi	
RLPP	Normal	Count	33	10	4	2	49
		Expected Count	31.4	11.5	3.1	3.1	49.0
		% within RLPP	67.3%	20.4%	8.2%	4.1%	100.0%
	Obesitas	Count	8	5	0	2	15
		Expected Count	9.6	3.5	.9	.9	15.0
		% within RLPP	53.3%	33.3%	0.0%	13.3%	100.0%
Total	Count	41	15	4	4	64	
	Expected Count	41.0	15.0	4.0	4.0	64.0	
	% within RLPP	64.1%	23.4%	6.3%	6.3%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	3.968 ^a	3	.265	.226		
Likelihood Ratio	4.584	3	.205	.306		
Fisher's Exact Test	3.663			.233		
Linear-by-Linear Association	.897 ^b	1	.344	.402	.216	.080
N of Valid Cases	64					

a. 5 cells (62.5%) have expected count less than 5. The minimum expected count is .94.

b. The standardized statistic is .947.

RLPP * Distol

		Crosstab				
			Distol			Total
			Optimal	Normal	Hipertensi	
RLPP	Normal	Count	28	17	4	49
		Expected Count	28.3	16.1	4.6	49.0
		% within RLPP	57.1%	34.7%	8.2%	100.0%
	Obesitas	Count	9	4	2	15
		Expected Count	8.7	4.9	1.4	15.0
		% within RLPP	60.0%	26.7%	13.3%	100.0%
Total	Count	37	21	6	64	
	Expected Count	37.0	21.0	6.0	64.0	
	% within RLPP	57.8%	32.8%	9.4%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	.569 ^a	2	.752	.752		
Likelihood Ratio	.554	2	.758	.752		
Fisher's Exact Test	.790			.674		
Linear-by-Linear Association	.079 ^b	1	.779	.873	.437	.118
N of Valid Cases	64					

a. 3 cells (50.0%) have expected count less than 5. The minimum expected count is 1.41.

b. The standardized statistic is .281.

RFM * Sistol

			Crosstab				Total
			Sistol				
			Optimal	Normal	Normal-Tinggi	Hipertensi	
RFM	Kurus	Count	1	0	0	0	1
		Expected Count	.6	.2	.1	.1	1.0
		% within RFM	100.0%	0.0%	0.0%	0.0%	100.0%
	Sehat	Count	23	7	1	1	32
		Expected Count	20.5	7.5	2.0	2.0	32.0
		% within RFM	71.9%	21.9%	3.1%	3.1%	100.0%
	Overfat	Count	9	4	1	0	14
		Expected Count	9.0	3.3	.9	.9	14.0
		% within RFM	64.3%	28.6%	7.1%	0.0%	100.0%
	Obesitas	Count	8	4	2	3	17
		Expected Count	10.9	4.0	1.1	1.1	17.0
		% within RFM	47.1%	23.5%	11.8%	17.6%	100.0%
Total	Count	41	15	4	4	64	
	Expected Count	41.0	15.0	4.0	4.0	64.0	
	% within RFM	64.1%	23.4%	6.3%	6.3%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	8.077 ^a	9	.526	.453		
Likelihood Ratio	8.214	9	.513	.546		
Fisher's Exact Test	9.453			.456		
Linear-by-Linear Association	5.550 ^b	1	.018	.019	.012	.004
N of Valid Cases	64					

a. 12 cells (75.0%) have expected count less than 5. The minimum expected count is .06.

b. The standardized statistic is 2.356.

RFM * Distol

		Crosstab				
			Optimal	Normal	Hipertensi	Total
RFM	Kurus	Count	1	0	0	1
		Expected Count	.6	.3	.1	1.0
		% within RFM	100.0%	0.0%	0.0%	100.0%
	Sehat	Count	16	13	3	32
		Expected Count	18.5	10.5	3.0	32.0
		% within RFM	50.0%	40.6%	9.4%	100.0%
	Overfat	Count	9	5	0	14
		Expected Count	8.1	4.6	1.3	14.0
		% within RFM	64.3%	35.7%	0.0%	100.0%
	Obesitas	Count	11	3	3	17
		Expected Count	9.8	5.6	1.6	17.0
		% within RFM	64.7%	17.6%	17.6%	100.0%
Total	Count	37	21	6	64	
	Expected Count	37.0	21.0	6.0	64.0	
	% within RFM	57.8%	32.8%	9.4%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	5.685 ^a	6	.459	.423		
Likelihood Ratio	7.313	6	.293	.330		
Fisher's Exact Test	6.133			.425		
Linear-by-Linear Association	.003 ^b	1	.954	1.000	.503	.062
N of Valid Cases	64					

a. 7 cells (58.3%) have expected count less than 5. The minimum expected count is .09.

b. The standardized statistic is .057.

LILA * Sistol

			Crosstab				Total
			Sistol				
			Optimal	Normal	Normal-Tinggi	Hipertensi	
LILA	gizi kurang	Count	10	4	0	0	14
		Expected Count	9.0	3.3	.9	.9	14.0
		% within LILA	71.4%	28.6%	0.0%	0.0%	100.0%
	gizi baik	Count	24	9	1	1	35
		Expected Count	22.4	8.2	2.2	2.2	35.0
		% within LILA	68.6%	25.7%	2.9%	2.9%	100.0%
	overweight	Count	2	2	2	2	8
		Expected Count	5.1	1.9	.5	.5	8.0
		% within LILA	25.0%	25.0%	25.0%	25.0%	100.0%
	obesitas	Count	5	0	1	1	7
		Expected Count	4.5	1.6	.4	.4	7.0
		% within LILA	71.4%	0.0%	14.3%	14.3%	100.0%
Total		Count	41	15	4	4	64
		Expected Count	41.0	15.0	4.0	4.0	64.0
		% within LILA	64.1%	23.4%	6.3%	6.3%	100.0%

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	17.564 ^a	9	.041	.042		
Likelihood Ratio	17.544	9	.041	.048		
Fisher's Exact Test	15.302			.028		
Linear-by-Linear Association	4.987 ^b	1	.026	.026	.019	.006
N of Valid Cases	64					

a. 12 cells (75.0%) have expected count less than 5. The minimum expected count is .44.

b. The standardized statistic is 2.233.

LILA * Distol

		Crosstab				
			Optimal	Normal	Hipertensi	Total
LILA	gizi kurang	Count	8	5	1	14
		Expected Count	8.1	4.6	1.3	14.0
		% within LILA	57.1%	35.7%	7.1%	100.0%
	gizi baik	Count	20	12	3	35
		Expected Count	20.2	11.5	3.3	35.0
		% within LILA	57.1%	34.3%	8.6%	100.0%
	overweight	Count	3	4	1	8
		Expected Count	4.6	2.6	.8	8.0
		% within LILA	37.5%	50.0%	12.5%	100.0%
	obesitas	Count	6	0	1	7
		Expected Count	4.0	2.3	.7	7.0
		% within LILA	85.7%	0.0%	14.3%	100.0%
Total	Count	37	21	6	64	
	Expected Count	37.0	21.0	6.0	64.0	
	% within LILA	57.8%	32.8%	9.4%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	4.955 ^a	6	.550	.579		
Likelihood Ratio	7.084	6	.313	.399		
Fisher's Exact Test	5.893			.387		
Linear-by-Linear Association	.000 ^b	1	.984	1.000	.513	.062
N of Valid Cases	64					

a. 9 cells (75.0%) have expected count less than 5. The minimum expected count is .66.

b. The standardized statistic is .020.

ABSI * Sistol

		Crosstab					Total
		Sistol					
			Optimal	Normal	Normal-Tinggi	Hipertensi	
ABSI	sedang	Count	17	5	3	3	28
		Expected Count	17.9	6.6	1.8	1.8	28.0
		% within ABSI	60.7%	17.9%	10.7%	10.7%	100.0%
	sedang-tinggi	Count	24	10	1	1	36
		Expected Count	23.1	8.4	2.3	2.3	36.0
		% within ABSI	66.7%	27.8%	2.8%	2.8%	100.0%
Total	Count	41	15	4	4	64	
	Expected Count	41.0	15.0	4.0	4.0	64.0	
	% within ABSI	64.1%	23.4%	6.3%	6.3%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	3.923 ^a	3	.270	.295		
Likelihood Ratio	3.990	3	.263	.340		
Fisher's Exact Test	3.726			.295		
Linear-by-Linear Association	1.836 ^b	1	.175	.197	.115	.047
N of Valid Cases	64					

a. 4 cells (50.0%) have expected count less than 5. The minimum expected count is 1.75.

b. The standardized statistic is -1.355.

ABSI * Distol


		Crosstab				
			Distol			Total
			Optimal	Normal	Hipertensi	
ABSI	sedang	Count	17	8	3	28
		Expected Count	16.2	9.2	2.6	28.0
		% within ABSI	60.7%	28.6%	10.7%	100.0%
	sedang-tinggi	Count	20	13	3	36
		Expected Count	20.8	11.8	3.4	36.0
		% within ABSI	55.6%	36.1%	8.3%	100.0%
Total	Count	37	21	6	64	
	Expected Count	37.0	21.0	6.0	64.0	
	% within ABSI	57.8%	32.8%	9.4%	100.0%	

Chi-Square Tests						
	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)	Point Probability
Pearson Chi-Square	.441 ^a	2	.802	.750		
Likelihood Ratio	.443	2	.801	.750		
Fisher's Exact Test	.539			.750		
Linear-by-Linear Association	.000 ^b	1	.986	1.000	.551	.109
N of Valid Cases	64					

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is 2.63.

b. The standardized statistic is .017.

Lampiran 5. Surat Permintaan Izin Pengambilan Data Awal



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS HASANUDDIN
FAKULTAS KEPERAWATAN
 Jl. Perintis Kemerdekaan Km. 10 Makassar Lantai 5 Fakultas Kedokteran
 Telpn: 0411-586296, Fas: 0411-586296 email : keperawatan@unhas.ac.id

No. : 6937/UN4.18.1/PT.01.04/2019 4 Desember 2019
 Lamp.: -
 Hal : **Permintaan Izin Pengambilan Data Awal**

Yth. : 1. Dekan Fak. Keperawatan Univ. Hasanuddin
 2. Dekan Fak. Kedokteran Univ. Hasanuddin
 3. Dekan Fak. Kesehatan Masyarakat Univ. Hasanuddin
 4. Dekan Fak. Kedokteran Gigi Univ. Hasanuddin
 5. Dekan Fak. Farmasi Univ. Hasanuddin


di-
 Makassar


Dengan hormat disampaikan bahwa dalam rangka penyelesaian studi Mahasiswa Program Studi Fisioterapi Fakultas Keperawatan Universitas Hasanuddin, maka dengan ini mohon kiranya mahasiswa yang tersebut namanya dibawah ini :

Nama : **Yunita Rahmayanti**
 NIM : C13116008
 Judul Penelitian : Hubungan Lingkar Pinggang Terhadap Tekanan Darah pada Mahasiswa Mahasiswa Univ. Hasanuddin.

Dapat diberikan izin pengambilan Data Awal pada bulan Desember 2019 s/d Januari 2020 di Fakultas yang Saudara Pimpin.

Demikian permohonan kami, atas bantuan dan kerjasama yang baik disampaikan terima kasih.



a.n. Dekan,
 Wakil Dekan Bidang . Akademik, Riset dan Inovasi

 Rini Rachmawaty, S.Kep.Ns.,MN.,Ph.D..
 NIP. 198007172008122003

Tembusan :

1. Ketua Program Studi Ilmu Keperawatan
2. Kabag. TU.

ainunsira@gmail.com-2

Lampiran 6. Surat Permintaan Izin Penelitian



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS HASANUDDIN
FAKULTAS KEPERAWATAN
Jl. Perintis Kemerdekaan Km. 10 Makassar Lantai 5 Fakultas Kedokteran
Telpon: 0411-586296, Fas: 0411-586296 email : keperawatan@unhas.ac.id

No. : 1487/UN4.18.1/PT.01.04/2020 26 Februari 2020

Lamp. : -

Hal : Permintaan Izin Penelitian

Yth. : Dekan Fakultas Keperawatan
Universitas Hasanuddin

di-
Makassar

Dengan hormat disampaikan bahwa dalam rangka penyelesaian studi Mahasiswa Program Sarjana Fisioterapi Fakultas Keperawatan Universitas Hasanuddin, maka dengan ini kami mohon agar mahasiswa tersebut namanya di bawah ini :

Nama : Yunita Rahmayanti
NIM : C13116008
Program Studi : Fisioterapi
Rencana Judul : Hubungan Indikator Obesitas dengan Tekanan Darah Sistolik dan Tekanan Darah Diastolik pada Mahasiswa Fakultas Keperawatan Universitas Hasanuddin.

Dapat diberikan izin penelitian untuk penyusunan skripsi di Fakultas Keperawatan Universitas Hasanuddin, pada bulan Maret s/d April 2020.

Besar harapan kami, permohonan izin ini dapat dipertimbangkan untuk diterima.

Demikian permohonan kami, atas perhatiannya disampaikan terima kasih.



Dekan
Pih. Wakil Dekan Bid. Akademik, Riset dan
Inovasi
Kadek Ayu Erika, S.Kep, Ns, M.Kes.
NIP. 197710202003122001

Tembusan :

1. Ketua Program Studi Fisioterapi Fak. Keperawatan Unhas
2. Kepala Bagian Tata Usaha



Lampiran 7. Surat Pernyataan Selesai Meneliti

SURAT PERNYATAAN

Yang bertanda tangan di bawah ini,

Nama : Yunita Rahmayanti

NIM : C13116008

Prodi/Fakultas : Fisioterapi / Keperawatan

Judul Skripsi : Hubungan Indikator Obesitas dengan Tekanan Darah Sistolik dan Tekanan Darah Diastolik pada Mahasiswa Fakultas Keperawatan Universitas Hasanuddin

Dengan ini menyatakan dengan sesungguhnya bahwa saya telah melakukan penelitian di Fakultas Keperawatan Universitas Hasanuddin mulai tanggal 4 Maret s/d 19 Maret 2020

Demikian surat pernyataan ini saya buat dan bersedia menerima sanksi sesuai ketentuan hukum yang berlaku, bila dikemudian hari ternyata pernyataan saya ini tidak benar.


Makassar, 22 April 2020

Yang membuat,



Yunita Rahmayanti

Lampiran 8. Surat Etik Penelitian



KOMISI ETIK PENELITIAN KESEHATAN
HEALTH RESEARCH ETHICS COMMITTEE
POLITEKNIK KESEHATAN MAKASSAR
HEALTH POLYTECHNIC MAKASSAR

REKOMENDASI PERSETUJUAN ETIK
RECOMMENDATIONS FOR APPROVAL OF ETHICS
"ETHICAL APPROVAL"

No. : 00270/KEPK-PTKMKS/ V /2020

Komisi Etik Penelitian Kesehatan Politeknik Kesehatan Makassar dalam upaya melindungi hak asasi manusia subyek penelitian kesehatan, telah mengkaji dengan teliti dan seksama protokol yang berjudul :


The Ethics Commission of the Health Polytechnic Makassar, with regards of the protection of Human Rights and welfare in medical research, has carefully reviewed the research protocol entitled :

"Hubungan Indikator Obesitas dengan Tekanan Darah Sistolik dan Tekanan Darah Diastolik pada Mahasiswa Fakultas Keperawatan Universitas Hasanuddin"

Peneliti Utama : Yunita Rahmayanti
Principal Investigator

Nama Institusi : Prodi Fisioterapi Fakultas Keperawatan UNHAS
Name of the Institution

Telah menyetujui protokol tersebut di atas.
Approved the above-mentioned protocol



Makassar 14 Mei 2020
(CHAIRMAN)

Dr. Rudy Hartono, SKM, M.Kes
NIP. 19700613-199803 1 002

Lampiran 9. Dokumentasi Penelitian



Pengukuran Tinggi Badan



Pengukuran Berat Badan



Pengukuran Lingkar Pinggang



Pengukuran Lingkar Panggul



Pengukuran Lingkar Lengan Atas



Pengukuran Tekanan Darah

Lampiran 10. Riwayat Hidup Peneliti

Nama : Yunita Rahmayanti
 Tempat/Tanggal Lahir : Bau-Bau, 21 Juni 1998
 Jenis Kelamin : Perempuan
 Agama : Islam
 Email : mayangyunitarahma@gmail.com
 Alamat Asal : Jl. Sultan La Buke, Kecamatan
 Murhum, Kota Baubau
 Alamat Sekarang : Jalan Sahabat 3 No.25,
 Tamalanrea Indah, Kota
 Makassar
 Nama Ayah : Asadi, S.Pd
 Nama Ibu : (Alm) Masri Kurniawati



Riwayat Pendidikan :

1. (2004-2010) SDN Keraton
2. (2010-2013) SMPN 2 Baubau
3. (2013-2016) SMAN 2 Baubau
4. (2016-2020) Program Studi S1 Fisioterapi Fakultas Keperawatan Universitas Hasanuddin

Riwayat Organisasi :

1. (2018-2019) Anggota Divisi Kerohanian Himpunan Mahasiswa Fisioterapi Fakultas Keperawatan Universitas Hasanuddin
2. (2018-2019) Anggota Dana dan Keslog Lembaga Dakwah Fakultas Asy-Syfaa Fakultas Kedokteran Universitas Hasanuddin.
3. (2019-2020) Anggota Departemen Kerohanian Badan Eksekutif Mahasiswa Fakultas Keperawatan Universitas Hasanuddin.