

DAFTAR PUSTAKA

- Angulo P. Nonalcoholic fatty liver disease. *N Engl J Med.* 2002;346:1221–3.
- Adams LA, Angulo P, Lindor KD (2005). *Nonalcoholic fatty liver disease.* CMAJ; 7: 899-905.
- Adams LA, Lindor KD. Nonalcoholic fatty liver disease. *Ann Epidemiol.* 2007; 17(11):863-9.
- Alisi A, Manco M, Panera N, Nobili V. Association between type two diabetes and non-alcoholic fatty liver disease in youth. *Annals of Hepatology* 2009;8(1):S44-50.
- Amarapurkar DN, Hashimoto E, Lesmana LA, Sollano JD, Chen PJ, Goh KL. How common is non-alcoholic fatty liver disease in the Asia-Pacific region and are there local differences? *Journal of Gastroenterology and Hepatology.* 2007;22:788–93.
- Amirudin R (2009). *Fisiologi dan biokimia hati.* Dalam: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S (eds). Buku ajar ilmu penyakit dalam jilid I. Jakarta: Pusat Penerbitan Departemen Ilmu Penyakit Dalam FKUI, pp: 627-633.
- Bellentani S., Bellentani F., Marino M., Bedogni G. Epidemiology of Non Alcoholic Fatty Liver Disease. *Digestive Disease.* 2010;28:155–61.
- Bellentani S, Bedogni G, Miglioli L, Tiribelli C. The epidemiology of fatty liver. *Eur J Gastroenterol Hepatol.* 2004;16:1087–93.
- Bedogni G, Miglioli L, Masutti F, Tiribelli C, Marchesini G, Bellentani S. Prevalence of and risk factors for nonalcoholic fatty liver disease: the Dionysos Nutrition and Liver Study. *Hepatology.* 2005;42:44–52.

- Boer A (2010). *Ultrasonografi; Pendahuluan*. Dalam: Rasad, Sjahriar. Radiologi diagnostik edisi kedua. Jakarta: Balai Penerbit FKUI, pp: 453-457.
- Braillon A, Capron JP, Herve MA, Degott C, Quenum C. Liver in obesity. Gut. 1985;26:133-9.
- Browning JD, Szczepaniak LS, Dobbins R, Nuremberg P, Horton JD, Cohen JC, et al. Prevalence of hepatic steatosis in an urban population in the United States: impact of ethnicity. Hepatology. 2004;40:1387–95.
- Browning JD. Statins and hepatic steatosis: perspectives from the Dallas Heart Study. Hepatology. 2006;44:466–71.
- Browning LM, Krebs JD, Siervo M, Hall RM, Finer N, Allison ME, Jebb SA (2008). Inflammation is associated with liver function markers, independent of other metabolic risk factors in overweight women. British journal of Diabetes & Vascular Disease Volume 8, Issue 2: 73-76.
- Capanni M, Calella F, Biagini MR, Genise S, Raimondi L, Bedogni G, et al. Prolonged n-3 polyunsaturated fatty acid supplementation ameliorates hepatic steatosis in patients with non-alcoholic fatty liver disease: a pilot study. Alimentary pharmacology & therapeutics. 2006;23:1143-51.
- Chalasani N et al. The diagnosis and management of non-alcoholic fatty liver disease: practice guideline by the american association for the study of liver disease, american collage of gastroenterology, and the american gastroenterological association. Hepatology, vol. 55, no. 6, 2012. DOI 10.1002/hep.25762
- Chalasani M, Younossi Z, Lavine JE, Diehl AM, Brunt EM, Cusi K, et al. The Diagnosis and Management of Non-Alcoholic Fatty Liver Disease: Practice

- Guideline by the American Association for the Study of Liver Diseases, American College of Gastroenterology, and the American Gastroenterological Association. Hepatology. 2012;55:2005-18.
- Chitturi S, Farrell GC, George JS. Non-alcoholic steatohepatitis in the Asia-Pacific region: future shock? J. Gastroenterol. Hepatol. 2004;19:368–74
- Clark JM, Brankati FL, Diehl AM. Nonalcoholic Fatty Liver Disease. Gastroenterology. 2002;122:1649-57.
- Clark JM, Brankati FL, Diehl AM, 2002; Braillon A, Capron JP, Herve MA, Degott C, Quenum C, 2007.
- Cortez-Pinto H., Camilo ME. Non-alcoholic fatty liver disease/non-alcoholic steatohepatitis (NAFLD/NASH): diagnosis and clinical course. Best Practice & Research Clinical Gastroenterology. 2004;18:1089–104.
- Das SK, Mukherjee S, Vasudevan DM. Non-alcoholic fatty liver disease : an under-recognized cause with emerging importance. Current Science 2006;90(5):659-65.

Desy K , 2008.Faktor-Faktor yang berhubungan dengan status gizi berdasarkan

IMT pada pembantu rumah tangga (PRT) wanita di perumahan duta indah

Bekasi.hal:11-14.

Dooley, Lok, Burroughs dan Heathcote. 2011. Sherlock Diseases of The Liver and Biliary System. 12th Edition. Singapore: Willey-Blackwell.

El-Hassan AY, Ibrahim EM, Al-Mulhim FA, Nabhan AA, Chammas MY. Fatty infiltration of the liver: analysis of prevalence, radiological and clinical features and influence on patient management. Br J Radiol. 1992;65:774–8.

Farrell GC. Non-alcoholic steatohepatitis: what is it, and why is it important in the Asia-Pacific region. J. Gastroenterol. Hepatol. 2003;18:124–38.

Fitzpatrick E, Hadzic N. 2015. Paediatric Non-Alcoholic Fatty Liver Disease: An Emerging Threat. Paediatrics Today, 11: 1-9

Fusillo, S., Rudolph, B. 2015. Nonalcoholic Fatty Liver Disease. Pediatrics in review May 2015, 36 (5) 198-206.

Goh KL (2003). *Understanding and diagnosing fatty liver*. Article of Radiology Malaysia, University Malaya Medical Center, Kuala Lumpur.
www.radiologymalaysia.org/Content/2006/Public/TopicOfTheMonth/200206/index.html - diakses Februari 2012

Hattar LN, Wilson TA, Tabatabo LA, Smith EO, Abrams SH..Physical activity and nutrition attitudes in obese Hispanic children with non-alcoholic steatohepatitis. World J Gastroenterol 2011; 17(39): 4396-403.

Hasan I, Gani RA, Machmud R et al. Prevalence and risk factors for nonalcoholic fatty liver in Indonesia. *J. Gastroenterol. Hepatol.* 2002;17(Suppl.):S154.
[Abstract]

Hasan I (2009). *Perlemakan hati non alkoholik*. Dalam: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S (eds). Buku ajar ilmu penyakit dalam jilid I. Jakarta: Pusat Penerbitan Departemen Ilmu Penyakit Dalam FKUI, pp: 695-701.

Kazemi, S. A., Kamali, K., Asgari, L., & Eftekhari, K. (2017). Assessment of the Relationship Between Prevalence of Reporting Fatty Liver Disease by Ultrasound and Body Mass Index in Children, 27(1), 4–7. <https://doi.org/10.5812/ijp.8028>.

Lindor KD, Kowldey KV, Heathcote EJ, Harrison ME, Jorgensen R, Angulo P, et al. Ursodeoxycholic acid for treatment of nonalcoholic steatohepatitis: results of a randomized trial. *Hepatology*. 2004;39:770-8.

Lewis JR, Mohanty SR. Nonalcoholic Fatty Liver Disease: A Review and Update. *Dig Dis Sci.* 2010;55:560–78.

Manco M, Bottazzo GF, DeVito R, Marcellini M, Mingrone G, Nobili V. Nonalcoholic fatty liver disease in children. *Journal of the American College of Nutrition* 2008; 27(6):667-76.

Marceau P, Iron S, Hould FS, Marceau S, Slmard S, Thung SN, et al. Liver pathology and the metabolic syndrome X in severe obesity. *J Clin Endocrinol Metab.* 1999;84:1513-7.

Mofrad P, Sanyal A. Nonalcoholic fatty liver disease. Medscape General Medicine.

2003;5(2). [Available at: www.medscape.com/viewarticle/449315].

Moore EA. The fight against fatty liver disease. Diakses dari www.CEwebsource.com pada tanggal 10 januari 2012.

Namakin, K., Mohammadifard, M., Zardast, M., & Ebrahimabadi, N. 2017. The Relationship Between Non-Alcoholic Fatty Liver Disease and Metabolic Syndrome in Children, 4(1), 1–5. <https://doi.org/10.17795/intjsh-38135>

Patel PR (2007). *Lecture notes radiologi edisi kedua*. Jakarta: Erlangga, pp: 135-157.

Rachmi, C.N., Li, M., Baur, L.A. 2017. Overweight and Obesity in Indonesia: Prevalence and Risk Factors-a Literature review. Public Health Journal, 147: 20-29.

Rashid M, Roberts EA. Nonalcoholic steatohepatitis in children. J Pediatr Gastroenterol Nutr. 2000;30:48–53.

Salt BW. Nonalcoholic Fatty Liver Disease (NAFLD): A Comprehensive Review. J Insur Med. 2004;36:27–41.

Schwimmer JB, et al. 2006. Prevalence of fatty liver in children and adolescents. Pediatrics, 118(4):1388–1393

Vajro P, et al. 2012. Diagnosis of Nonalcoholic Fatty Liver Disease in Children and Adolescents: Position Paper of the ESPGHAN Hepatology Committee 50(4): 700-713

Uygun A, Kadayifci A, Isik AT, Ozgurtas T, Deveci S, Tuzun A, et al. Metformin in the treatment of patients with non-alcoholic steatohepatitis. *Aliment Pharmacol Ther.* 2004;19:537-44. [Available at: <http://www.medscape.com/viewarticle/470940>]

Wang CL, Liang L, Fu JF, Zou CC, Hong F, Xue JZ, Lu JR, Wu XM. Effect of lifestyle intervention on non-alcoholic fatty liver disease in Chinese obese children. *World J Gastroenterol* 2008;14(10): 1598- 602.

WHO. 2016. Childhood Overweight and Obesity. <http://www.who.int/dietphysicalactivity/childhood/en>

WHO. 2018. Obesity and Overweight. <http://www.who.int/en/news-room/fact-sheets/detail/obesity-and-overweight>

Yoon KH, Lee JH, Kim JW, Cho JH, Choi YH, Ko SH, et al . Epidemic obesity and type 2 diabetes in Asia. *Lancet.* 2006;368:1681–8.

Lampiran 4. Formulir Persetujuan mengikuti Penelitian

KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI



UNIVERSITAS HASANUDDIN

FAKULTAS KEDOKTERAN

KOMITE ETIK PENELITIAN KESEHATAN

Sekretariat : Lantai 2 Gedung Laboratorium Terpadu

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

Contact Person: dr. Agussalim Bukhari, M.Med, Ph.D,Sp.GK (HP. 081241850858), email: agussalimbuchari@yahoo.com

FORMULIR PERSETUJUAN MENGIKUTI PENELITIAN

Saya yang bertandatangan di bawah ini:

Nama wali/orang tua :

Tempat dan tanggal lahir wali/orang tua :

Jenis kelamin wali/orang tua :

Alamat wali/orang tua :

No. Hp wali/orang tua :

Selaku wali/orang tua dari:

Nama anak :

Tempat dan tanggal lahir anak :

Jenis kelamin anak :

Alamat anak :

No. Hp anak :

Benar telah menerima dan mengerti penjelasan tentang “Hubungan Non Alcoholic Fatty Liver Disease Berdasarkan Diagnosis Ultrasonography dengan Status Gizi Lebih pada Anak” termasuk tujuan dan manfaat penelitian tersebut. Dengan pernyataan ini, saya membolehkan untuk mengikuti penelitian, membenarkan bahwa anak saya tidak memiliki riwayat penyakit yang berhubungan dengan hati sebelumnya(sakit kuning, dll.), dan memberikan jawaban sejujur-jujurnya tanpa paksaan pihak manapun.

Makassar, Desember

2019

Yang memberi pernyataan

(.....
)

Penanggung Jawab Penelitian Jesita C.M Wattimena

Alamat : Jl Lanraki No.22A

No tlp : 085254488236

Lampiran 5. Formulir Penelitian

KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI



UNIVERSITAS HASANUDDIN

FAKULTAS KEDOKTERAN

KOMITE ETIK PENELITIAN KESEHATAN

Sekretariat : Lantai 2 Gedung Laboratorium Terpadu

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

Contact Person: dr. Agussalim Bukhari, M.Med, Ph.D,Sp.GK (HP. 081241850858), email: agussalimbuchari@yahoo.com

NO. Responden :

Tanggal :

FORMULIR PENELITIAN

HUBUNGAN *NON ALCOHOLIC FATTY LIVER DISEASE* BERDASARKAN

DIAGNOSIS *ULTRASONOGRAPHY* DENGAN STATUS GIZI LEBIH PADA

ANAK

A. DATA RESPONDEN

1.	Nama		
2.	Tempat/tanggal lahir		
3.	Umur		
4.	Alamat		
5.	No. Telpon/HP		
6.	Riwayat Penyakit Hati Sebelumnya	Ada	Tidak

B.

B. PENGUKURAN STATUS GIZI

1.	Berat Badan (kg)	
2.	Tinggi Badan (m)	

3.	Umur	
4.	Indeks Massa Tubuh	

C.

C. PEMERIKSAAN NAFLD MENGGUNAKAN USG

NORMAL

DERAJAT 1

DERAJAT 2

DERAJAT 3

No	Kelas	Nama	Umr	Tgl Lahir	TB	BB	Status Gizi	FL	Jenis kelamin	Ukuran hepar
SD/ SMP ELIM										
1	2	Gisele	7	10-10-2012	123.6	35,2	obesitas	negatif	perempuan	13,46
2	2	yeheskiel	7	17-07-2012	116	29,9	obesitas	positif	laki-laki	11,57
3	3	abraham	8	21-09-2011	122	34,8	obesitas	positif	laki-laki	11,13
4	3	andre	8	15-05-2011	129,3	37	overweight	negatif	laki-laki	12,51
5	2	lionel	7	7-6-12	137	51,9	obesitas	positif	laki-laki	12,37
6	2	dirge	8	9-8-11	131	35,9	gizibaik	positif	laki-laki	13,14
7	2	Noel	7	17-12-2012	126,2	32,9	obesitas	negatif	laki-laki	11,14
8	5	Daniel	10	22-10-2009	147,9	61,9	obesitas	positif	laki-laki	16,48
9	5	Toni	10	24-11-2009	132,2	47,3	obesitas	negatif	laki-laki	12,2
10	5	Arson	10	29-9-2009	130,3	43	obesitas	negatif	laki-laki	11,92
11	5	Herson	11	16-06-2008	140,2	50,4	obesitas	positif	laki-laki	12,17
12	4	Aurel	8	28-12-2011	131,6	39,4	overweight	Positif	perempuan	14,77
13	5	nexon	10	11-7-09	147,6	66,2	obesitas	positif	laki-laki	16,01
14	4	maria	9	10-5-10	132,4	40,6	gizibaik	positif	perempuan	12,29
15	4	Mutiara	10	25-06-2010	142,3	49,2	overweight	negatif	perempuan	12,35
16	3	kiandre	8	17-08-2011	127,1	36	obesitas	negatif	laki-laki	13,59
17	5	yudea	10	25-04-2009	143,8	52,1	obesitas	positif	laki-laki	15,96
18	4	harel	9	20-10-2010	141,5	48,1	obesitas	negatif	laki-laki	11,06
19	4	radit	9	23-02-2010	127,3	42,3	obesitas	negatif	laki-laki	10,38
20	4	jhuan	9	27-07-2010	136,1	44,8	overweight	negatif	laki-laki	13,4
21	4	sean	9	13-07-2010	137,1	51,7	obesitas	positif	perempuan	14,11

1	8B	Kevin	12	07/03/2006	175,2	89,4	obesitas	positif	laki-laki	16,35
2	8B	Farla	13	01/07/2005	151,7	80,9	obesitas	positif	laki-laki	17,64
3	8D	Andrian o	12	05/10/2006	163,5	94,6	obesitas	positif	laki-laki	16,26
4	8E	Antonio	12	01/03/2006	160	92,8	obesitas	positif	laki-laki	15,89
5	7E	Reyes	11	20/11/2207	143,7	47,4	obesitas	Negatif	laki-laki	14,44
6	9B	Carlo	13	06/12/2005				Negatif	laki-laki	12,4
7	7E	Bimo	13	06/12/2005				positif	laki-laki	15
8	7E	Ervan	11	17/10/2007				positif	laki-laki	15,04
9	7A	Jackelyn	11	21/07/2007	171,4	90,7	obesitas	positif	perempuan	15,3
10	7A	Reza	11	14/06/2007	149,7	74,5	obesitas	Negatif	laki-laki	12,75
11	7A	Yohanes	11	18/05/2007	157,6	68,9	obesitas	Negatif	laki-laki	14,42
12	8D	Fernando	12	28/08/2006	171,4	90,7	obesitas	Positif	laki-laki	15,39
13	7B	Olivia	11	10/07/2007	151,6	65	obesitas	Negatif	perempuan	12,69
14	9B	Christo	13	09/09/2005	157,7	100,3	obesitas	positif	laki-laki	15,04
15	9B	Rusiano	13	15/11/2005	158	78,4	obesitas	Negatif	laki-laki	12,22
16	9B	Yoan	13	01/01/2005				positif	laki-laki	14,23
17	8D	Irvin	12	26/06/2006	161	78,7	obesitas	positif	laki-laki	15,56
18	9C	Daniel	11	05/10/2005				positif	laki-laki	14,43
19	9E	Devin	11	17/07/2005				positif	laki-laki	12,22
20	9A	Marcel	11	22/03/2005	158	45	gizinormal	Negatif kontrol	laki-laki	14,14
21		Samuel		04/09/2006	165	74	obesitas	Negatif kontrol	laki-laki	13,37

22	8D	David	12	05/01/2006	165	50	gizinormal	Negatif kontrol	laki-laki	13,43
23	8G	Gerald	12	12/03/2006	160	61	overweight	Negatif kontrol	laki-laki	13,36
24	8G	Ryan Wijaya	11	02/05/2007	161	50	gizibaik	Negatif kontrol	laki-laki	12,77
SAMPEL RS										
1		Intan Auliah	13		157	72		Positif	perempuan	14,05

Lampiran 7. Hasil SPSS

DESCRIPTIVES VARIABLES=sekolah usia tb bb statusgizi FL ukuran_hepar
/STATISTICS=MEAN STDDEV MIN MAX.

Descriptives

Notes		
Output Created		18-DEC-2019 13:54:10
Comments		
Input	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	46
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax	DESCRIPTIVES VARIABLES=sekolah usia tb bb statusgizi FL ukuran_hepar /STATISTICS=MEAN STDDEV MIN MAX.	
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.19

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
sekolah	46	1.00	3.00	1.5652	.54374
usia	46	7.00	13.00	10.4565	1.87031
tb	27	116.00	1479.00	729.8407	623.30265
bb	27	35.20	662.00	294.1704	220.57580
statusgizi	46	1.00	3.00	2.6087	.74471
FL	46	1.00	2.00	1.4565	.50361
ukuran_hepar	46	10.38	17.64	13.7043	1.69839
Valid N (listwise)	27				

FREQUENCIES VARIABLES=sekolah usia statusgizi FL
/ORDER=ANALYSIS.

Frequencies

Notes		
Output Created		18-DEC-2019 13:54:30
Comments		
Input	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	46
	File	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax	FREQUENCIES VARIABLES=sekolah usia statusgizi FL /ORDER=ANALYSIS.	
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

Statistics

	sekolah	usia	statusgizi	FL
N	Valid	46	46	46
	Missing	0	0	0

Frequency Table

sekolah

Valid	SD Elim	Frequency	Percent	Cumulative Percent	
				Valid Percent	Percent
	SMP Frater	24	52.2	52.2	97.8
	RS	1	2.2	2.2	100.0
	Total	46	100.0	100.0	

usia

Valid	Frequency	Percent	Valid Percent	Cumulative Percent	
				Percent	Cumulative Percent
	7.00	4	8.7	8.7	8.7
	8.00	5	10.9	10.9	19.6
	9.00	5	10.9	10.9	30.4
	10.00	6	13.0	13.0	43.5
	11.00	11	23.9	23.9	67.4
	12.00	8	17.4	17.4	84.8
	13.00	7	15.2	15.2	100.0
	Total	46	100.0	100.0	

statusgizi

	Frequency	Percent	Valid Percent	Cumulative Percent	
				Percent	Cumulative Percent

Valid	<u>gizi baik</u>	7	15.2	15.2	15.2
	<u>overweight</u>	4	8.7	8.7	23.9
	<u>obesitas</u>	35	76.1	76.1	100.0
	Total	46	100.0	100.0	

		FL		Cumulative Percent
	Frequency	Percent	Valid Percent	
Valid	<u>positif</u>	25	54.3	54.3
	<u>negatif</u>	21	45.7	100.0
	Total	46	100.0	100.0

CROSSTABS

```
/TABLES=statusgizi BY FL
/FORMAT=AVALUE TABLES
/CELLS=COUNT
/COUNT ROUND CELL.
```

Crosstabs

Notes

Output Created	18-DEC-2019 13:55:01
Comments	
Input	Active Dataset
	DataSet2
Filter	<none>
Weight	<none>
Split File	<none>
N of Rows in Working Data File	46
Missing Value Handling	Definition of Missing
	User-defined missing values are treated as missing.

	Cases Used	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
Syntax		CROSSTABS /TABLES=statusgizi BY FL /FORMAT=AVALUE TABLES /CELLS=COUNT /COUNT ROUND CELL.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02
	Dimensions Requested	2
	Cells Available	349496

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
statusgizi * FL	46	100.0%	0	0.0%	46	100.0%

statusgizi * FL Crosstabulation

		FL		Total
		positif	negatif	
statusgizi	gizi baik	2	5	7
	overweight	1	3	4
Total	obesitas	22	13	35
Total		25	21	46

CROSSTABS

/TABLES=statusgizi BY FL
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT
/COUNT ROUND CELL.

Crosstabs

Notes

Output Created	18-DEC-2019 13:55:13	
Comments		
Input	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	46
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
Syntax	<pre>CROSSTABS /TABLES=statusgizi BY FL /FORMAT=AVALUE TABLES /STATISTICS=CHISQ /CELLS=COUNT /COUNT ROUND CELL.</pre>	
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.12
	Dimensions Requested	2
	Cells Available	349496

Case Processing Summary

	Cases	
Valid		Missing
		Total

	N	Percent		N	Percent		N	Percent
statusgizi * FL	46	100.0%		0	0.0%		46	100.0%

statusgizi * FL Crosstabulation

Count

FL		statusgizi			Total
		gizi baik	overweight	obesitas	
positif	2		1	22	25
negatif	5		3	13	21
Total	7		4	35	46

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.285 ^a	2	.117
Likelihood Ratio	4.367	2	.113
Linear-by-Linear Association	3.614	1	.057
N of Valid Cases	46		

a. 4 cells (66.7%) have expected count less than 5. The minimum expected count is 1.83.

statusgizi

Valid		Frequency	Percent	Valid Percent	Cumulative
					Percent
gizi baik	5	10.9		10.9	10.9
	5	10.9		10.9	21.7
	36	78.3		78.3	100.0
Total	46	100.0		100.0	

jk

	Frequency	Percent	Valid Percent	Cumulative
				Percent

Valid	laki-laki	38	82.6	82.6	82.6
	perempuan	8	17.4	17.4	100.0
	Total	46	100.0	100.0	

statusgizi * FL Crosstabulation

Count

FL		statusgizi			Total
		gizi baik	overweight	obesitas	
	positif	2	1	22	25
	negatif	3	4	14	21
	Total	5	5	36	46

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	3.456 ^a	2	.178
Likelihood Ratio	3.573	2	.168
Linear-by-Linear Association	1.948	1	.163
N of Valid Cases	46		

a. 4 cells (66.7%) have expected count less than 5. The minimum expected count is 2.28.

Lampiran 8. Biodata Penulis



A. Identitas Diri

1	Nama Lengkap	Jesita C.M Wattimena
2	Jenis Kelamin	Perempuan
3	Program Studi	Pendidikan Dokter
4	NIM	C111 16 372
5	Tempat dan Tanggal Lahir	Makassar, 27 Desember 1998
6	E-mail	jessita_iness@yahoo.co.id
7	Nomor Telepon	085254488236
8	Alamat	Jalan Lanraki No.2AA

B. Riwayat Pendidikan

	SD	SMP	SMA
--	----	-----	-----

Nama Institusi	SD.Frater Bakti Luhur	SMPN 30 Makassar	SMAN 17 Makassar
Jurusan	-	-	IPA
Tahun Masuk- Lulus	2004-2011	2011-2013	2013-2016