

DAFTAR PUSTAKA

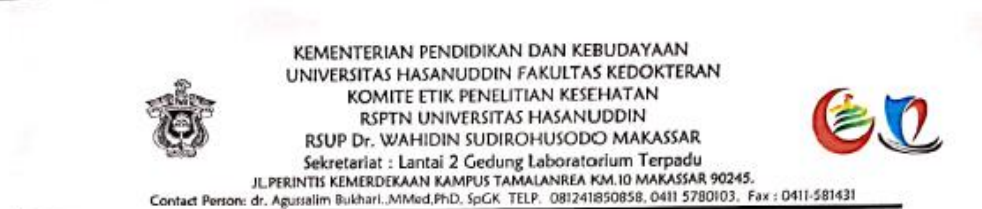
1. Pastore CA, Orlandi SP, Gonzalez MC. Índice Inflammatorio-Nutricional; Evaluación Del Estado Nutricional Y Pronóstico En Pacientes Con Cáncer De Tracto Gastrointestinal Y De Pulmón. *Nutr Hosp*. 2014;29(3):629–34.
2. Arends J, Baracos V, Bertz H, Bozzetti F, Calder PC, Deutz NEP, et al. ESPEN expert group recommendations for action against cancer-related malnutrition. *Clin Nutr [Internet]*. 2017;36(5):1187–96. Available from: <http://dx.doi.org/10.1016/j.clnu.2017.06.017>
3. Saleh K, Eid R, Haddad FGH, Khalife-Saleh N, Kourie HR. New developments in the management of head and neck cancer – Impact of pembrolizumab. *Ther Clin Risk Manag*. 2018;14:295–303.
4. Koyfman SA, Ismaila N, Holsinger FC. Management of the Neck in Squamous Cell Carcinoma of the Oral Cavity and Oropharynx: ASCO Clinical Practice Guideline Summary. *J Oncol Pract*. 2019;15(5):273–8.
5. Haghjoo S. Malnutrition associated with head and neck cancers. *Rev Clin Med*. 2015;2(2):76–9.
6. Bruixola G, Caballero J, Papaccio F, Petrillo A, Iranzo A, Civera M, et al. Prognostic Nutritional Index as an independent prognostic factor in locoregionally advanced squamous cell head and neck cancer. *ESMO Open*. 2018;3(6):1–7.
7. Bossi P. Prognostic Nutritional Index: An easy nutritional screening for patients with head and neck cancer? *ESMO Open*. 2018;3(6):1–2.
8. Faria SS, Fernandes PC, Silva MJB, Lima VC, Fontes W, Freitas R, et al. The neutrophil-to-lymphocyte ratio: A narrative review. *Ecancermedicallscience*. 2016;10:1–12.
9. To'Bungan N, Hamidatul A'liyah S, Wijayanti N, Fachiroh J. Epidemiologi, Stadium, dan Derajat Diferensiasi Kanker Kepala dan Leher. *Biog J Ilm Biol*. 2015;3(1):47–52.
10. Cohen N, Fedewa S, Chen AY. Epidemiology and Demographics of the Head and Neck Cancer Population. *Oral Maxillofac Surg Clin North Am [Internet]*. 2018;30(4):381–95. Available from: <https://doi.org/10.1016/j.coms.2018.06.001>
11. Castillo-Martinez L, Castro-Eguiluz D, Copca-Mendoza ET, Perez-Camargo DA, Reyes-Torres CA, Avila EAD, et al. Nutritional assessment tools for the identification of malnutrition and nutritional risk associated with cancer treatment. *Rev Investig Clin*. 2018;70(3):121–5.
12. World Health Organization. Indonesia Source GLOBOCAN 2018. *Int Agency Res Cancer [Internet]*. 2019;256:1–2. Available from: <http://gco.iarc.fr/>
13. Namratha PK, Urooj A. Nutritional Implications in Head and Neck Cancer - A Review. *Indian J Nutr*. 2014;1(1):1–11.
14. Johnson DE, Burtneß B, Leemans CR, Lui VWY, Bauman JE, Grandis JR. Head and neck squamous cell carcinoma. *Nat Rev Dis Prim*. 2020;6(1).

15. Bradshaw PT, Siega-Riz AM, Campbell M, Weissler MC, Funkhouser WK, Olshan AF. Associations between dietary patterns and head and neck cancer: The Carolina head and neck cancer epidemiology study. *Am J Epidemiol*. 2012;175(12):1225–33.
16. Review S. Title Page. 2017;3643.
17. Hadi S, Kurniawan C, Budiono J. Eicosapentaenoic Acid as Adjuvant for Cachexia in Cancer's Patients. *Int J Integr Heal Sci*. 2015;3(1):1–6.
18. de las Peñas R, Majem M, Perez-Altozano J, Virizuela JA, Cancer E, Diz P, et al. SEOM clinical guidelines on nutrition in cancer patients (2018). *Clin Transl Oncol* [Internet]. 2019;21(1):87–93. Available from: <https://doi.org/10.1007/s12094-018-02009-3>
19. Fruchtenicht AVG, Poziomyk AK, dos Reis AM, Galia CR, Kabke GB, Moreira LF. Inflammatory and nutritional statuses of patients submitted to resection of gastrointestinal tumors. *Rev Col Bras Cir*. 2018;45(2):1–11.
20. De Luis DA, Izaola O, Aller R. Nutritional status in head and neck cancer patients. *Eur Rev Med Pharmacol Sci*. 2007;11(4):239–43.
21. Casaubon LK, Boulanger J, Glasser E, Blacquiére D, Boucher S, Brown K, et al. Canadian Stroke Best Practice Recommendations : Acute Inpatient Stroke Care Guidelines , Update 2015. 2016;11(2):239–52.
22. Sato YU, Gonda K, Harada M, Tanisaka Y, Arai S, Mashimo Y, et al. Increased neutrophil-to-lymphocyte ratio is a novel marker for nutrition, inflammation and chemotherapy outcome in patients with locally advanced and metastatic esophageal squamous cell carcinoma. *Biomed Reports*. 2017;7(1):79–84.
23. S C. C - reactive protein: An inflammatory marker with specific role in physiology, pathology, and diagnosis. *Internet J Rheumatol Clin Immunol*. 2014;2(S1).
24. Katano A, Takahashi W, Yamashita H, Yamamoto K, Ando M, Yoshida M, et al. The impact of elevated C-reactive protein level on the prognosis for oro-hypopharynx cancer patients treated with radiotherapy. *Sci Rep* [Internet]. 2017;7(1):1–2. Available from: <http://dx.doi.org/10.1038/s41598-017-18233-w>
25. Sun X, Wang H. The prognostic value of C-reactive protein / albumin ratio in human malignancies : an updated meta- analysis. 2017;3059–70.
26. Nazha B. Hypoalbuminemia in colorectal cancer prognosis: Nutritional marker or inflammatory surrogate? *World J Gastrointest Surg*. 2015;7(12):370.
27. Levitt DG, Levitt MD. Human serum albumin homeostasis: A new look at the roles of synthesis, catabolism, renal and gastrointestinal excretion, and the clinical value of serum albumin measurements. *Int J Gen Med*. 2016;9:229–55.
28. Moujaess E, Fakhoury M, Assi T, Elias H, El Karak F, Ghosn M, et al. The Therapeutic use of human albumin in cancer patients' management. *Crit Rev Oncol Hematol* [Internet]. 2017;120(November):203–9. Available from: <https://doi.org/10.1016/j.critrevonc.2017.11.008>
29. Bholra A, Chauhan AK. *JMSCR Vol || 08 || Issue || 07 || Page 295-299 ||*

- July. 2020;(July).
30. Shafique K, Proctor MJ, McMillan DC, Leung H, Smith K, Sloan B, et al. The modified Glasgow prognostic score in prostate cancer: Results from a retrospective clinical series of 744 patients. *BMC Cancer*. 2013;13.
 31. Hanai N, Sawabe M, Kimura T, Suzuki H, Ozawa T, Hirakawa H, et al. The high-sensitivity modified Glasgow prognostic score is superior to the modified Glasgow prognostic score as a prognostic predictor for head and neck cancer. *Oncotarget*. 2018;9(97):37008–16.
 32. Aupérin A. Epidemiology of head and neck cancers: An update. *Curr Opin Oncol*. 2020;32(3):178–86.
 33. Cole L, Polfus L, Peters ES. Examining the incidence of human papillomavirus-associated head and neck cancers by race and ethnicity in the U.S., 1995-2005. *PLoS One*. 2012;7(3):1995–2005.
 34. Siegel RL, Miller KD, Jemal A. Cancer statistics, 2019. *CA Cancer J Clin*. 2019;69(1):7–34.
 35. Gorenc M, Kozjek NR, Strojjan P. Malnutrition and cachexia in patients with head and neck cancer treated with (chemo)radiotherapy. *Reports Pract Oncol Radiother*. 2015;20(4):249–58.
 36. Cavalcante Martins FF, de Pinho NB, de Carvalho Padilha P, Martucci RB, Rodrigues VD, Sales RC, et al. Patient-generated subjective global assessment predicts cachexia and death in patients with head, neck and abdominal cancer: A retrospective longitudinal study. *Clin Nutr ESPEN* [Internet]. 2019;31:17–22. Available from: <https://doi.org/10.1016/j.clnesp.2019.03.013>
 37. Nitichai N, Angkatavanich J, Somlaw N, Voravud N, Lertbutsayanukul C. Validation of the Scored Patient-Generated Subjective Global Assessment (PG-SGA) in Thai setting and association with nutritional parameters in cancer patients. *Asian Pacific J Cancer Prev*. 2019;20(4):1249–55.
 38. Mrochem-Kwarciak JJ, Rutkowski T, Wygoda A, Chmura A, Hajduk A, Kołosa Z, et al. Potential Role of Albumin and C-reactive Protein as Prognostic Factors for Radiation Therapy (RT) in Patients With Head-and-Neck Cancer (HNC). *Int J Radiat Oncol* [Internet]. 2013;87(2):S453–4. Available from: <http://dx.doi.org/10.1016/j.ijrobp.2013.06.1197>
 39. Maurício SF, Da Silva JB, Bering T, Correia MITD. Relationship between nutritional status and the Glasgow Prognostic Score in patients with colorectal cancer. *Nutrition*. 2013;29(4):625–9.
 40. Chang PH, Wang CH, Chen EYC, Yang SW, Chou WC, Hsieh JCH, et al. Glasgow prognostic score after concurrent chemoradiotherapy is a prognostic factor in advanced head and neck cancer. *Chinese J Cancer Res*. 2017;29(3):172–8.
 41. Yu ST, Zhou Z, Cai Q, Liang F, Han P, Chen R, et al. Prognostic value of the C-reactive protein/ albumin ratio in patients with laryngeal squamous cell carcinoma. *Onco Targets Ther*. 2017;10:879–84.
 42. Luan C, Yang H, Tsai Y, Hsieh M, Chou H. Prognostic Value of C-Reactive Protein-to-Albumin Ratio in Head and Neck Cancer : A Meta-Analysis. 2021;1–10.

LAMPIRAN

1. Rekomendasi Etik



REKOMENDASI PERSETUJUAN ETIK

Nomor : 186/UN4.6.4.5.31/ PP36/ 2020

Tanggal: 25 Februari 2020

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH20010062	No Sponsor Protokol	
Peneliti Utama	dr. Andi Azizah	Sponsor	
Judul Peneliti	Analisis Skoring Inflamasi Terhadap Derajat Nutrisi Pada pasien Kanker Kepala dan Leher		
No Versi Protokol	2	Tanggal Versi	24 Februari 2020
No Versi PSP	2	Tanggal Versi	24 Februari 2020
Tempat Penelitian	RS Universitas Hasanuddin, RSUP Dr.Wahidin Sudirohusodo dan RS Ibnu Sina Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku 25 Februari 2020 sampai 25 Februari 2021	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian Kesehatan FKUH	Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)	Tanda tangan	
Sekretaris Komisi Etik Penelitian Kesehatan FKUH	Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)	Tanda tangan	

Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Laporan SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari prokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

FREQUENCIES VARIABLES=JK Kat.Usia Kat.IMT SGA Diagnosis
/ORDER=ANALYSIS.

Frequencies

Notes		
Output Created		21-APR-2021 11:24:21
Comments		
Input	Data	D:\Office\SPSS\Data dr Azizah.sav
	Active Dataset	DataSet27
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data 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=JK Kat.Usia Kat.IMT SGA Diagnosis /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

[DataSet27] D:\Office\SPSS\Data dr Azizah.sav

Statistics

		JK	Kat.Usia	Kat.IMT	SGA	Diagnosis
N	Valid	86	86	86	86	86
	Missing	0	0	0	0	0

Frequency Table

		JK			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	61	70.9	70.9	70.9
	Perempuan	25	29.1	29.1	100.0
	Total	86	100.0	100.0	

		Kat.Usia			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0-20 tahun	8	9.3	9.3	9.3
	21-40 tahun	15	17.4	17.4	26.7
	41-60 tahun	45	52.3	52.3	79.1
	61-80 tahun	18	20.9	20.9	100.0
	Total	86	100.0	100.0	

		Kat.IMT			Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	Underweight	30	34.9	34.9	34.9
	Normal	35	40.7	40.7	75.6
	Overweight	16	18.6	18.6	94.2
	Obesitas	5	5.8	5.8	100.0
	Total	86	100.0	100.0	

		SGA			Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	A	1	1.2	1.2	1.2
	B	56	65.1	65.1	66.3
	C	29	33.7	33.7	100.0
	Total	86	100.0	100.0	

		Diagnosis			Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	Ca Hipofaring	1	1.2	1.2	1.2
	Ca Laring	5	5.8	5.8	7.0
	Ca Meatus Acusticus externus	1	1.2	1.2	8.1
	Ca Nasofaring	62	72.1	72.1	80.2
	Ca palatum	1	1.2	1.2	81.4
	Ca Sinonasal	10	11.6	11.6	93.0
	Ca tonsil	1	1.2	1.2	94.2
	Limfoma maligna	5	5.8	5.8	100.0
	Total	86	100.0	100.0	

MEANS TABLES=Usia IMT Protein Asupan
/CELLS=MEAN COUNT STDDEV.

Means

Notes		
Output Created		21-APR-2021 11:26:19
Comments		
Input	Data	D:\Office\SPSS\Data dr Azizah.sav
	Active Dataset	DataSet27
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	86

Missing Value Handling	Definition of Missing	For each dependent variable in a table, user-defined missing values for the dependent and all grouping variables are treated as missing.
	Cases Used	Cases used for each table have no missing values in any independent variable, and not all dependent variables have missing values.
Syntax		MEANS TABLES=Usia IMT Protein Asupan /CELLS=MEAN COUNT STDDEV.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

Case Processing Summary

	Included		Cases Excluded		Total	
	N	Percent	N	Percent	N	Percent
Usia	86	100.0%	0	0.0%	86	100.0%
IMT	86	100.0%	0	0.0%	86	100.0%
Protein	86	100.0%	0	0.0%	86	100.0%
Asupan	86	100.0%	0	0.0%	86	100.0%

Report

	Usia	IMT	Protein	Asupan
Mean	47.9070	20.7491	39.7674	1189.0930
N	86	86	86	86
Std. Deviation	15.59610	6.32577	15.23052	348.04272

CROSSTABS

```

/TABLES=JK Kat.Usia mGPS Kat.INI Kat.mPINI BY SGA
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT ROW
/COUNT ROUND CELL.

```

Crosstabs

Notes

Output Created		21-APR-2021 11:27:28
Comments		
Input	Data	D:\Office\SPSS\Data dr Azizah.sav
	Active Dataset	DataSet27
	Filter	<none>
	Weight	<none>
	Split File	<none>

	N of Rows in Working Data File	86
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=JK Kat.Usia mGPS Kat.INI Kat.mPINI BY SGA /FORMAT=AVALUE TABLES /STATISTICS=CHISQ /CELLS=COUNT ROW /COUNT ROUND CELL.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03
	Dimensions Requested	2
	Cells Available	349496

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
JK * SGA	86	100.0%	0	0.0%	86	100.0%
Kat.Usia * SGA	86	100.0%	0	0.0%	86	100.0%
mGPS * SGA	86	100.0%	0	0.0%	86	100.0%
Kat.INI * SGA	86	100.0%	0	0.0%	86	100.0%
Kat.mPINI * SGA	86	100.0%	0	0.0%	86	100.0%

JK * SGA

Crosstab

		SGA			Total	
		A	B	C		
JK	Laki-laki	Count	1	37	23	61
		% within JK	1.6%	60.7%	37.7%	100.0%
	Perempuan	Count	0	19	6	25
		% within JK	0.0%	76.0%	24.0%	100.0%
Total		Count	1	56	29	86
		% within JK	1.2%	65.1%	33.7%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	2.039 ^a	2	.361
Likelihood Ratio	2.365	2	.306
Linear-by-Linear Association	1.051	1	.305
N of Valid Cases	86		

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is .29.

Kat.Usia * SGA

Crosstab

		SGA			Total	
		A	B	C		
Kat.Usia	0-20 tahun	Count	0	5	3	8
		% within Kat.Usia	0.0%	62.5%	37.5%	100.0%
	21-40 tahun	Count	0	8	7	15
		% within Kat.Usia	0.0%	53.3%	46.7%	100.0%
	41-60 tahun	Count	1	30	14	45
		% within Kat.Usia	2.2%	66.7%	31.1%	100.0%
	61-80 tahun	Count	0	13	5	18
		% within Kat.Usia	0.0%	72.2%	27.8%	100.0%
Total		Count	1	56	29	86
		% within Kat.Usia	1.2%	65.1%	33.7%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2- sided)
Pearson Chi-Square	2.454 ^a	6	.874
Likelihood Ratio	2.788	6	.835
Linear-by-Linear Association	.916	1	.338
N of Valid Cases	86		

a. 5 cells (41.7%) have expected count less than 5. The minimum expected count is .09.

mGPS * SGA

Crosstab

		SGA			Total	
		A	B	C		
mGPS	.00	Count	1	15	2	18
		% within mGPS	5.6%	83.3%	11.1%	100.0%
	1.00	Count	0	32	15	47
		% within mGPS	0.0%	68.1%	31.9%	100.0%
	2.00	Count	0	9	12	21
		% within mGPS	0.0%	42.9%	57.1%	100.0%
Total		Count	1	56	29	86
		% within mGPS	1.2%	65.1%	33.7%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2- sided)
Pearson Chi-Square	12.547 ^a	4	.014
Likelihood Ratio	12.418	4	.014
Linear-by-Linear Association	10.513	1	.001
N of Valid Cases	86		

a. 3 cells (33.3%) have expected count less than 5. The minimum expected count is .21.

Kat.INI * SGA

Crosstab

		SGA			Total	
		A	B	C		
Kat.INI	<= 0.35	Count	0	35	27	62
		% within Kat.INI	0.0%	56.5%	43.5%	100.0%
	> 0.35	Count	1	21	2	24
		% within Kat.INI	4.2%	87.5%	8.3%	100.0%
Total		Count	1	56	29	86
		% within Kat.INI	1.2%	65.1%	33.7%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	11.508 ^a	2	.003
Likelihood Ratio	13.186	2	.001
Linear-by-Linear Association	10.922	1	.001
N of Valid Cases	86		

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is .28.

Kat.mPINI * SGA

Crosstab

		SGA			Total	
		A	B	C		
Kat.mPINI	Tanpa Risiko	Count	0	2	0	2
		% within Kat.mPINI	0.0%	100.0%	0.0%	100.0%
	Risiko Rendah	Count	0	4	0	4
		% within Kat.mPINI	0.0%	100.0%	0.0%	100.0%
	Risiko Sedang	Count	0	6	2	8
		% within Kat.mPINI	0.0%	75.0%	25.0%	100.0%
	Risiko Tinggi	Count	1	44	27	72
		% within Kat.mPINI	1.4%	61.1%	37.5%	100.0%
Total		Count	1	56	29	86
		% within Kat.mPINI	1.2%	65.1%	33.7%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.122 ^a	6	.660
Likelihood Ratio	6.152	6	.406
Linear-by-Linear Association	2.983	1	.084
N of Valid Cases	86		

a. 9 cells (75.0%) have expected count less than 5. The minimum expected count is .02.

NPAR TESTS

/K-W=Asupan Albumin CRP INI mPINI BY SGA(1 3)
/MISSING ANALYSIS.

NPar Tests

		Notes
Output Created		21-APR-2021 11:28:29
Comments		
Input	Data	D:\Office\SPSS\Data dr Azizah.sav
	Active Dataset	DataSet27
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	86
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /K-W=Asupan Albumin CRP INI mPINI BY SGA(1 3) /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02
	Number of Cases Allowed ^a	142987

a. Based on availability of workspace memory.

Kruskal-Wallis Test

		Ranks		
	SGA	N	Mean Rank	
Asupan	A	1	34.00	
	B	56	50.55	
	C	29	30.21	
	Total	86		
Albumin	A	1	59.50	
	B	56	49.38	
	C	29	31.60	
	Total	86		
CRP	A	1	21.00	
	B	56	37.21	
	C	29	56.41	
	Total	86		
INI	A	1	66.00	
	B	56	50.79	
	C	29	28.64	
	Total	86		
mPINI	A	1	21.00	
	B	56	36.21	
	C	29	58.36	
	Total	86		

Test Statistics^{a,b}

	Asupan	Albumin	CRP	INI	mPINI
Kruskal-Wallis H	12.841	10.154	12.150	15.867	15.867
df	2	2	2	2	2
Asymp. Sig.	.002	.006	.002	.000	.000

a. Kruskal Wallis Test

b. Grouping Variable: SGA

```
EXAMINE VARIABLES=Asupan Albumin CRP INI mPINI
/PLOT BOXPLOT STEMLEAF NPLOT
/COMPARE GROUPS
/STATISTICS DESCRIPTIVES
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.
```

Explore

Notes

Output Created		21-APR-2021 11:29:21
Comments		
Input	Data	D:\Office\SPSS\Data dr Azizah.sav
	Active Dataset	DataSet27
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax	EXAMINE VARIABLES=Asupan Albumin CRP INI mPINI /PLOT BOXPLOT STEMLEAF NPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.	
Resources	Processor Time	00:00:05.98
	Elapsed Time	00:00:06.65

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
Asupan	86	100.0%	0	0.0%	86	100.0%
Albumin	86	100.0%	0	0.0%	86	100.0%
CRP	86	100.0%	0	0.0%	86	100.0%

INI	86	100.0%	0	0.0%	86	100.0%
mPINI	86	100.0%	0	0.0%	86	100.0%

Descriptives

		Statistic	Std. Error	
Asupan	Mean	1189.0930	37.53041	
	95% Confidence Interval for Mean	Lower Bound	1114.4725	
		Upper Bound	1263.7135	
	5% Trimmed Mean	1190.0917		
	Median	1139.5000		
	Variance	121133.732		
	Std. Deviation	348.04272		
	Minimum	450.00		
	Maximum	1880.00		
	Range	1430.00		
	Interquartile Range	473.00		
	Skewness	.093	.260	
	Kurtosis	-.625	.514	
	Albumin	Mean	3.7988	.05992
95% Confidence Interval for Mean		Lower Bound	3.6797	
		Upper Bound	3.9180	
5% Trimmed Mean		3.8025		
Median		3.9000		
Variance		.309		
Std. Deviation		.55572		
Minimum		2.60		
Maximum		5.10		
Range		2.50		
Interquartile Range		.70		
Skewness		-.343	.260	
Kurtosis		-.189	.514	
CRP		Mean	26.4965	3.98770
	95% Confidence Interval for Mean	Lower Bound	18.5679	
		Upper Bound	34.4251	
	5% Trimmed Mean	20.1364		
	Median	14.0000		
	Variance	1367.551		
	Std. Deviation	36.98041		
	Minimum	.30		
	Maximum	207.00		
	Range	206.70		
	Interquartile Range	13.65		
	Skewness	3.626	.260	
	Kurtosis	14.276	.514	
	INI	Mean	.5190	.17621
Lower Bound		.1686		

	95% Confidence Interval for Mean	Upper Bound	.8693	
	5% Trimmed Mean		.2857	
	Median		.2586	
	Variance		2.670	
	Std. Deviation		1.63410	
	Minimum		.01	
	Maximum		14.67	
	Range		14.65	
	Interquartile Range		.25	
	Skewness		8.006	.260
	Kurtosis		68.329	.514
mPINI	Mean		7.7557	1.32655
	95% Confidence Interval for Mean	Lower Bound	5.1182	
		Upper Bound	10.3933	
	5% Trimmed Mean		5.5379	
	Median		3.8686	
	Variance		151.337	
	Std. Deviation		12.30189	
	Minimum		.07	
	Maximum		73.93	
	Range		73.86	
	Interquartile Range		4.61	
	Skewness		3.895	.260
	Kurtosis		16.299	.514

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Asupan	.097	86	.045	.974	86	.079
Albumin	.130	86	.001	.960	86	.009
CRP	.297	86	.000	.534	86	.000
INI	.383	86	.000	.216	86	.000
mPINI	.324	86	.000	.497	86	.000

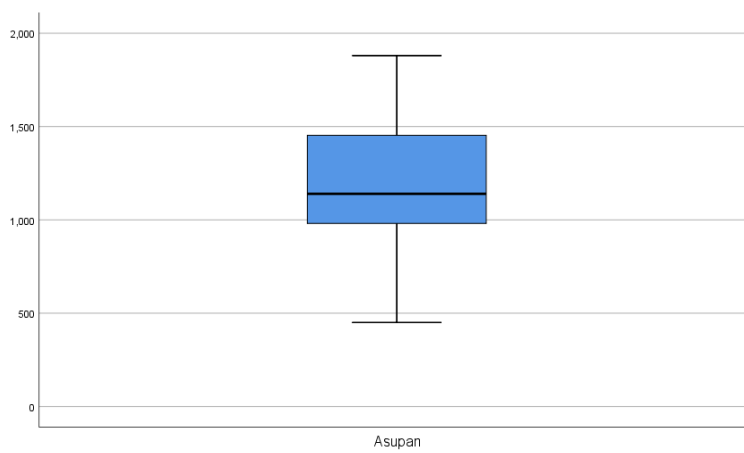
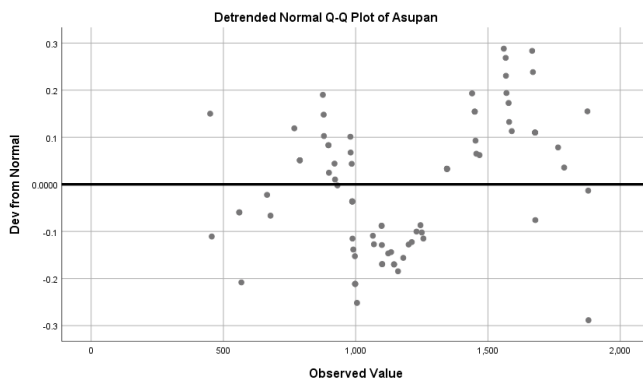
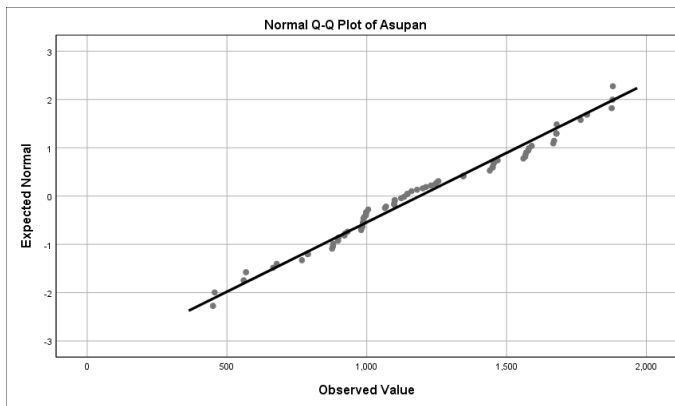
a. Lilliefors Significance Correction

Asupan

Asupan Stem-and-Leaf Plot

Frequency	Stem &	Leaf
5.00	0 .	44555
6.00	0 .	667777
22.00	0 .	8888889999999999999999
15.00	1 .	000001111111111
12.00	1 .	22222333333
14.00	1 .	44444445555555
9.00	1 .	666666677
3.00	1 .	888

Stem width: 1000.00
Each leaf: 1 case(s)

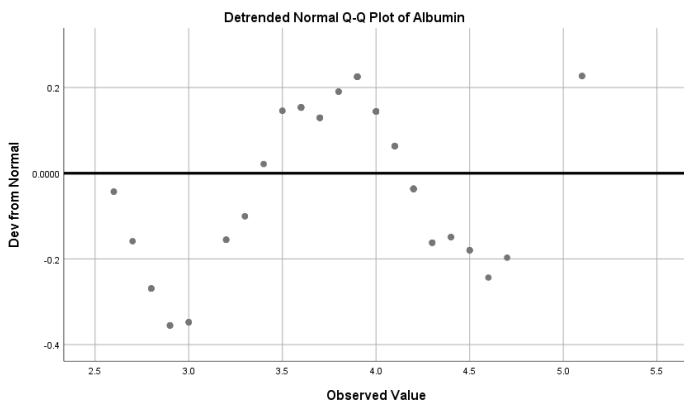
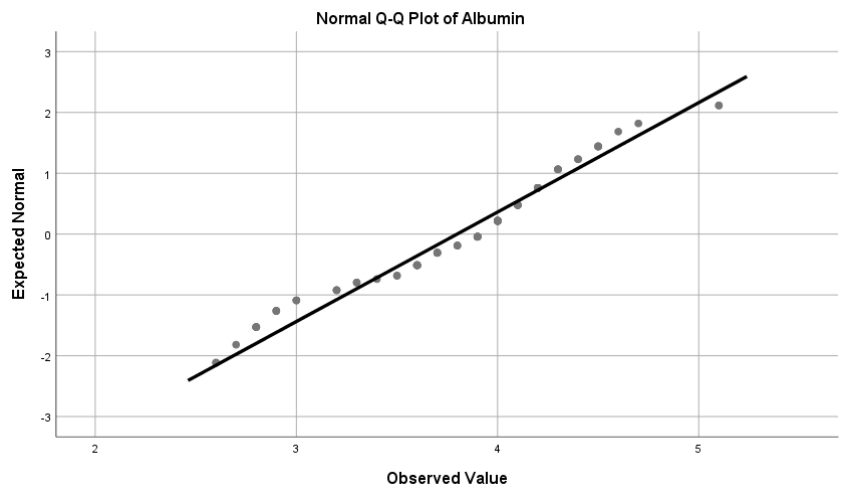


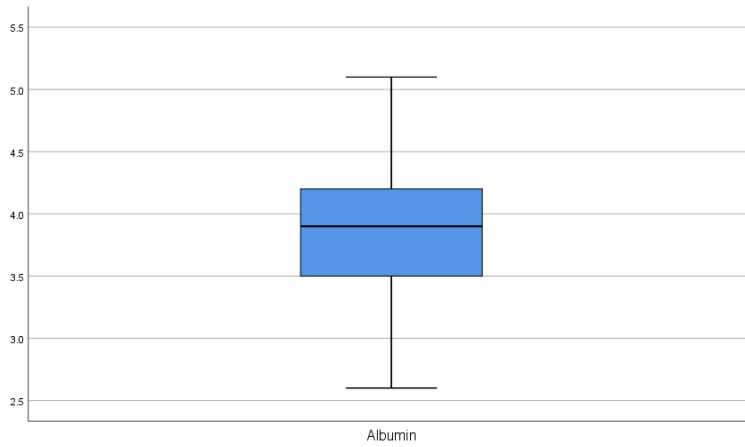
Albumin

Albumin Stem-and-Leaf Plot

Frequency	Stem & Leaf
10.00	2 . 6678888999
10.00	3 . 0002222334
25.00	3 . 5566666666777778889999999
33.00	4 . 000000000001111112222222222333344
6.00	4 . 555567
2.00	5 . 11

Stem width: 1.00
 Each leaf: 1 case(s)



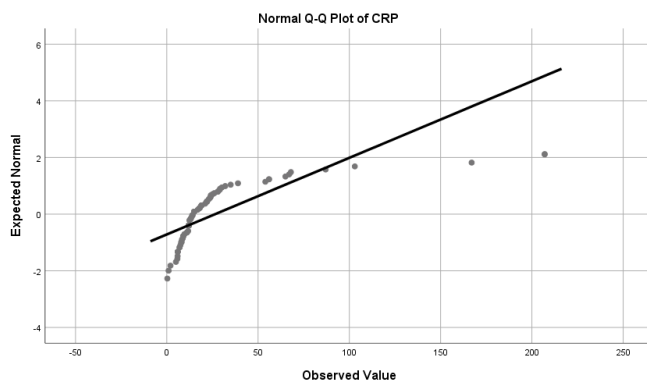


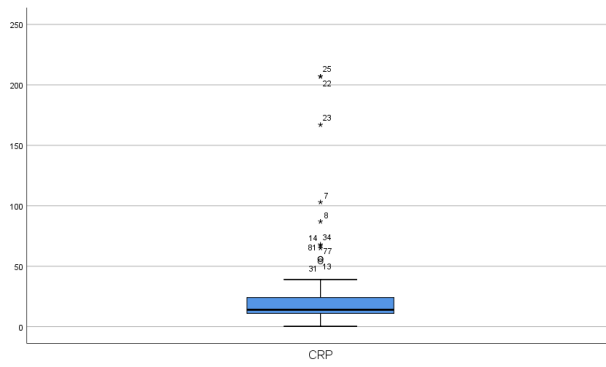
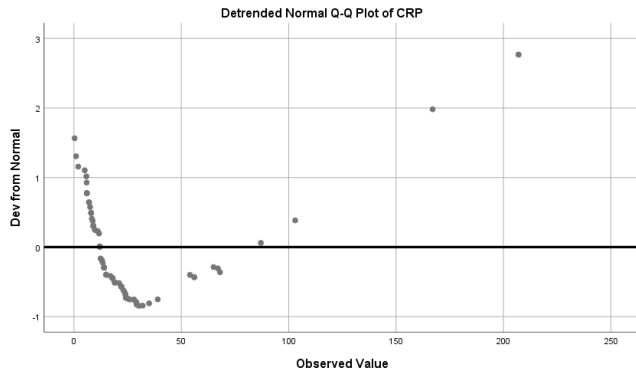
CRP

CRP Stem-and-Leaf Plot

Frequency	Stem & Leaf
3.00	0 . 012
18.00	0 . 555666777888889999
23.00	1 . 111222222222222333444444
11.00	1 . 555578888999
10.00	2 . 1222233444
6.00	2 . 568899
2.00	3 . 02
2.00	3 . 59
11.00	Extremes (>=54)

Stem width: 10.00
 Each leaf: 1 case(s)



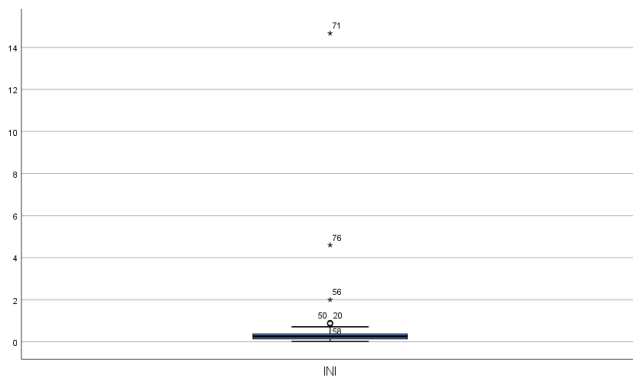
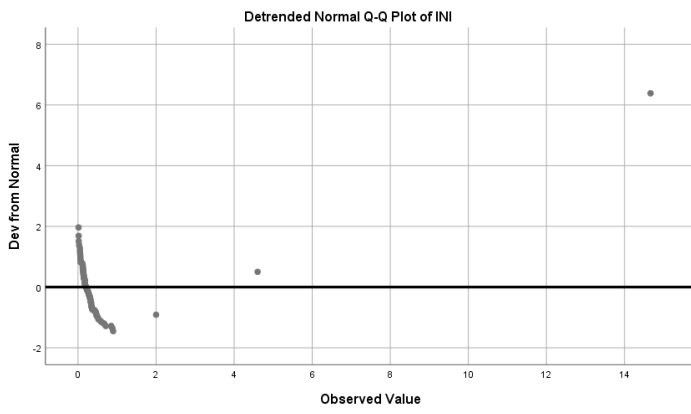
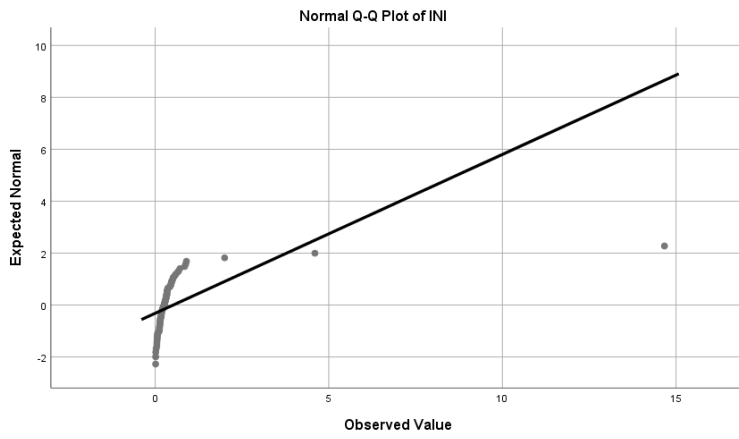


INI

INI Stem-and-Leaf Plot

Frequency	Stem &	Leaf
12.00	0 .	111245555666
23.00	1 .	0122233333344445577777778
13.00	2 .	0012234566778
17.00	3 .	000011233333445567
7.00	4 .	2445678
4.00	5 .	0227
3.00	6 .	066
1.00	7 .	1
6.00	Extremes	(>=.85)

Stem width: .10
 Each leaf: 1 case(s)

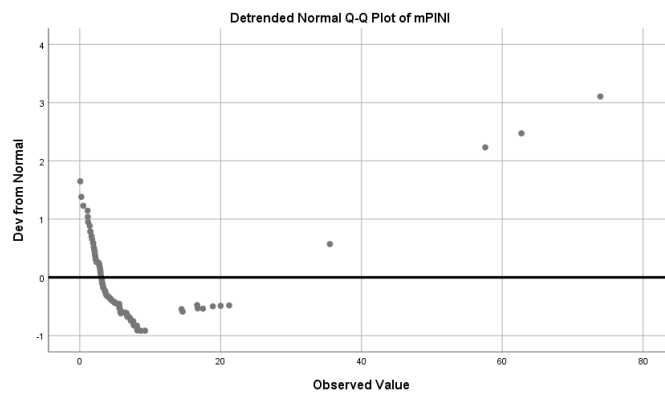
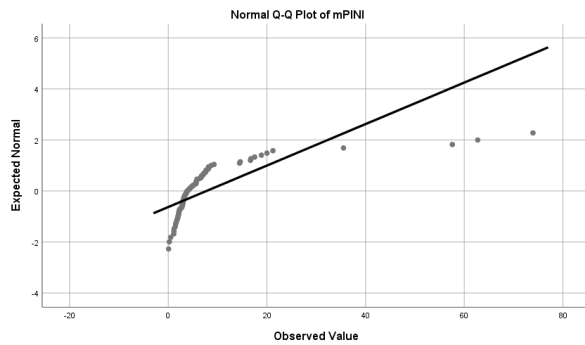


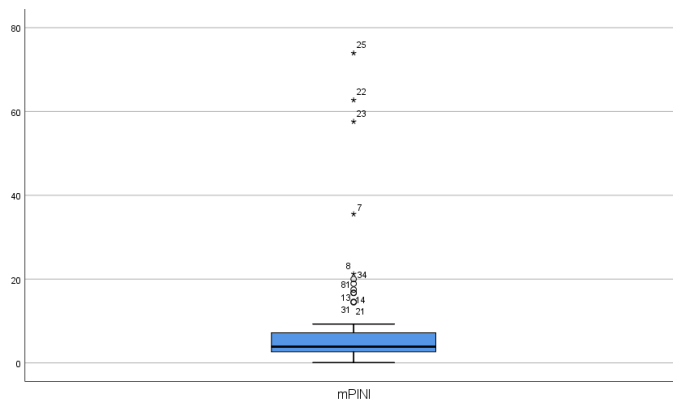
mPINI

mPINI Stem-and-Leaf Plot

Frequency	Stem &	Leaf
3.00	0 .	025
11.00	1 .	11145567999
14.00	2 .	01112236778899
16.00	3 .	00011123333566779
6.00	4 .	023568
9.00	5 .	025666778
4.00	6 .	4677
6.00	7 .	012566
4.00	8 .	1116
1.00	9 .	2
12.00	Extremes	(>=14.4)

Stem width: 1.00
 Each leaf: 1 case(s)





CROSSTABS

```

/TABLES=JK Kat.Usia mGPS Kat.INI Kat.mPINI BY Kat.Diagnosis
/FORMAT=AVALUE TABLES
/STATISTICS=CHISQ
/CELLS=COUNT ROW
/COUNT ROUND CELL.

```

Crosstabs

Notes		
Output Created		21-APR-2021 11:29:56
Comments		
Input	Data	D:\Office\SPSS\Data dr Azizah.sav
	Active Dataset	DataSet27
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	86
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=JK Kat.Usia mGPS Kat.INI Kat.mPINI BY Kat.Diagnosis /FORMAT=AVALUE TABLES /STATISTICS=CHISQ /CELLS=COUNT ROW /COUNT ROUND CELL.	
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.05
	Dimensions Requested	2
	Cells Available	349496

Case Processing Summary

	Valid		Cases Missing		Total	
	N	Percent	N	Percent	N	Percent
JK * Kat.Diagnosis	86	100.0%	0	0.0%	86	100.0%
Kat.Usia * Kat.Diagnosis	86	100.0%	0	0.0%	86	100.0%
mGPS * Kat.Diagnosis	86	100.0%	0	0.0%	86	100.0%
Kat.INI * Kat.Diagnosis	86	100.0%	0	0.0%	86	100.0%
Kat.mPINI * Kat.Diagnosis	86	100.0%	0	0.0%	86	100.0%

JK * Kat.Diagnosis

Crosstab

			Kat.Diagnosis			Total
			Nasofaring	Sinonasal	Lainnya	
JK	Laki-laki	Count	47	6	8	61
		% within JK	77.0%	9.8%	13.1%	100.0%
	Perempuan	Count	15	4	6	25
		% within JK	60.0%	16.0%	24.0%	100.0%
Total		Count	62	10	14	86
		% within JK	72.1%	11.6%	16.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	2.585 ^a	2	.275
Likelihood Ratio	2.486	2	.288
Linear-by-Linear Association	2.390	1	.122
N of Valid Cases	86		

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is 2.91.

Kat.Usia * Kat.Diagnosis

Crosstab

			Kat.Diagnosis			Total
			Nasofaring	Sinonasal	Lainnya	
Kat.Usia	0-20 tahun	Count	5	2	1	8
		% within Kat.Usia	62.5%	25.0%	12.5%	100.0%
	21-40 tahun	Count	13	1	1	15
		% within Kat.Usia	86.7%	6.7%	6.7%	100.0%
	41-60 tahun	Count	33	5	7	45

	% within Kat.Usia	73.3%	11.1%	15.6%	100.0%
61-80 tahun	Count	11	2	5	18
	% within Kat.Usia	61.1%	11.1%	27.8%	100.0%
Total	Count	62	10	14	86
	% within Kat.Usia	72.1%	11.6%	16.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.815 ^a	6	.568
Likelihood Ratio	4.555	6	.602
Linear-by-Linear Association	1.246	1	.264
N of Valid Cases	86		

a. 6 cells (50.0%) have expected count less than 5. The minimum expected count is .93.

mGPS * Kat.Diagnosis

Crosstab

		Kat.Diagnosis			Total	
		Nasofaring	Sinonasal	Lainnya		
mGPS	.00	Count	15	2	1	18
		% within mGPS	83.3%	11.1%	5.6%	100.0%
1.00		Count	31	5	11	47
		% within mGPS	66.0%	10.6%	23.4%	100.0%
2.00		Count	16	3	2	21
		% within mGPS	76.2%	14.3%	9.5%	100.0%
Total		Count	62	10	14	86
		% within mGPS	72.1%	11.6%	16.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.107 ^a	4	.392
Likelihood Ratio	4.457	4	.348
Linear-by-Linear Association	.125	1	.724
N of Valid Cases	86		

a. 4 cells (44.4%) have expected count less than 5. The minimum expected count is 2.09.

Kat.INI * Kat.Diagnosis

Crosstab

			Kat.Diagnosis			Total
			Nasofaring	Sinonasal	Lainnya	
Kat.INI	<= 0.35	Count	43	7	12	62
		% within Kat.INI	69.4%	11.3%	19.4%	100.0%
	> 0.35	Count	19	3	2	24
		% within Kat.INI	79.2%	12.5%	8.3%	100.0%
Total		Count	62	10	14	86
		% within Kat.INI	72.1%	11.6%	16.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	1.544 ^a	2	.462
Likelihood Ratio	1.723	2	.422
Linear-by-Linear Association	1.297	1	.255
N of Valid Cases	86		

a. 2 cells (33.3%) have expected count less than 5. The minimum expected count is 2.79.

Kat.mPINI * Kat.Diagnosis

Crosstab

			Kat.Diagnosis			Total
			Nasofaring	Sinonasal	Lainnya	
Kat.mPINI	Tanpa Risiko	Count	0	2	0	100
		% within Kat.mPINI	0.0%	100.0%	0.0%	100
	Risiko Rendah	Count	4	0	0	100
		% within Kat.mPINI	100.0%	0.0%	0.0%	100
	Risiko Sedang	Count	7	0	1	100
		% within Kat.mPINI	87.5%	0.0%	12.5%	100
	Risiko Tinggi	Count	51	8	13	100
		% within Kat.mPINI	70.8%	11.1%	18.1%	100
Total		Count	62	10	14	100
		% within Kat.mPINI	72.1%	11.6%	16.3%	100

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	18.184 ^a	6	.006
Likelihood Ratio	13.575	6	.035
Linear-by-Linear Association	.141	1	.708
N of Valid Cases	86		

a. 8 cells (66.7%) have expected count less than 5. The minimum expected count is .23.

NPAR TESTS

/K-W=Asupan Albumin CRP INI mPINI BY Kat.Diagnosis(1 3)
/MISSING ANALYSIS.

NPar Tests

		Notes
Output Created		21-APR-2021 11:30:14
Comments		
Input	Data	D:\Office\SPSS\Data dr Azizah.sav
	Active Dataset	DataSet27
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	86
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /K-W=Asupan Albumin CRP INI mPINI BY Kat.Diagnosis(1 3) /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02
	Number of Cases Allowed ^a	142987

a. Based on availability of workspace memory.

Kruskal-Wallis Test

		Ranks	
	Kat.Diagnosis	N	Mean Rank
Asupan	Nasofaring	62	42.92
	Sinonasal	10	46.90
	Lainnya	14	43.64
	Total	86	
Albumin	Nasofaring	62	44.06
	Sinonasal	10	41.70
	Lainnya	14	42.32
	Total	86	
CRP	Nasofaring	62	42.60
	Sinonasal	10	41.95
	Lainnya	14	48.57
	Total	86	
INI	Nasofaring	62	44.36
	Sinonasal	10	43.80
	Lainnya	14	39.46
	Total	86	
mPINI	Nasofaring	62	42.64
	Sinonasal	10	43.20
	Lainnya	14	47.54

Total	86
-------	----

Test Statistics^{a,b}

	Asupan	Albumin	CRP	INI	mPINI
Kruskal-Wallis H	.220	.115	.698	.441	.441
df	2	2	2	2	2
Asymp. Sig.	.896	.944	.706	.802	.802

a. Kruskal Wallis Test

b. Grouping Variable: Kat.Diagnosis

Means

Notes

Output Created	21-APR-2021 11:34:04	
Comments		
Input	Data	D:\Office\SPSS\Data dr Azizah.sav
	Active Dataset	DataSet27
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	86
Missing Value Handling	Definition of Missing	For each dependent variable in a table, user-defined missing values for the dependent and all grouping variables are treated as missing.
	Cases Used	Cases used for each table have no missing values in any independent variable, and not all dependent variables have missing values.
Syntax	MEANS TABLES=Asupan Albumin CRP INI mPINI BY SGA Kat.Diagnosis /CELLS=MEAN COUNT STDDEV.	
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

Case Processing Summary

	Included		Cases Excluded		Total	
	N	Percent	N	Percent	N	Percent
Asupan * SGA	86	100.0%	0	0.0%	86	100.0%
Albumin * SGA	86	100.0%	0	0.0%	86	100.0%
CRP * SGA	86	100.0%	0	0.0%	86	100.0%
INI * SGA	86	100.0%	0	0.0%	86	100.0%
mPINI * SGA	86	100.0%	0	0.0%	86	100.0%
Asupan * Kat.Diagnosis	86	100.0%	0	0.0%	86	100.0%
Albumin * Kat.Diagnosis	86	100.0%	0	0.0%	86	100.0%
CRP * Kat.Diagnosis	86	100.0%	0	0.0%	86	100.0%
INI * Kat.Diagnosis	86	100.0%	0	0.0%	86	100.0%
mPINI * Kat.Diagnosis	86	100.0%	0	0.0%	86	100.0%

Asupan Albumin CRP INI mPINI * SGA

SGA		Asupan	Albumin	CRP	INI	mPINI
A	Mean	1005.0000	4.1000	9.7000	.4227	2.3659
	N	1	1	1	1	1
	Std. Deviation
B	Mean	1287.5536	3.9304	15.3679	.6936	4.1607
	N	56	56	56	56	56
	Std. Deviation	330.65455	.53255	9.94013	2.00589	3.14181
C	Mean	1005.3103	3.5345	48.5655	.1852	14.8838
	N	29	29	29	29	29
	Std. Deviation	312.06663	.51980	56.52614	.16122	18.98723
Total	Mean	1189.0930	3.7988	26.4965	.5190	7.7557
	N	86	86	86	86	86
	Std. Deviation	348.04272	.55572	36.98041	1.63410	12.30189

Asupan Albumin CRP INI mPINI * Kat.Diagnosis

Kat.Diagnosis		Asupan	Albumin	CRP	INI	mPINI
Nasofaring	Mean	1180.3548	3.8113	27.5661	.3256	8.0827
	N	62	62	62	62	62
	Std. Deviation	374.48544	.57861	41.27782	.30304	13.71679
Sinonasal	Mean	1236.5000	3.7200	19.4500	2.0975	5.9558
	N	10	10	10	10	10
	Std. Deviation	291.38567	.64944	16.67568	4.62840	5.88515
Lainnya	Mean	1193.9286	3.8000	26.7929	.2479	7.5934
	N	14	14	14	14	14
	Std. Deviation	270.33895	.38829	26.65311	.15470	8.92416
Total	Mean	1189.0930	3.7988	26.4965	.5190	7.7557
	N	86	86	86	86	86
	Std. Deviation	348.04272	.55572	36.98041	1.63410	12.30189