

LAMPIRAN HASIL ANALISIS BIVARIAT

T-Test

1. Energi

Grup Statistik

	kognitif anak	N	Mean	Std. Deviation	Std. Error Mean
energi	konkret	26	1087.81385	197.901155	38.811610
	formal	34	1447.78353	305.258880	52.351466

Uji t-test independent

	Levene's Test for Equality of Variances	t-test for Equality of Means								
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
energi	Equal variances assumed	2.923	.093	-5.226	58	.000	-359.969683	68.878859	-497.845700	-222.093666
	Equal variances not assumed			-5.524	56.653	.000	-359.969683	65.169142	-490.485949	-229.453418

2. Linoleat

Grup Statistik

	kognitif anak	N	Mean	Std. Deviation	Std. Error Mean
linoleat	konkret	26	2.22208	.685762	.134489
	formal	34	2.89996	.943518	.161812

Independent Samples Test

	Levene's Test for Equality of Variances		t-test for Equality of Means							
	F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference		
								Lower	Upper	
linoleat	3.432	.069	Equal variances assumed	-3.090	58	.003	-.677879	.219400	-1.117056	-.238702
			Equal variances not assumed	-3.222	57.881	.002	-.677879	.210405	-1.099070	-.256688

3. Karbohidrat

Grup Statistik

	kognitif anak	N	Mean	Std. Deviation	Std. Error Mean
Karbohidrat	konkret	26	145.95885	37.530977	7.360430
	formal	34	205.98426	60.527597	10.380397

Independent Samples Test

	Levene's Test for Equality of Variances		t-test for Equality of Means							
	F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference		
								Lower	Upper	
Karbohidrat	1.841	.180	Equal variances assumed	-4.441	58	.000	-60.025419	13.516206	-87.081044	-32.969794
			Equal variances not assumed	-4.717	55.880	.000	-60.025419	12.725116	-85.518101	-34.532736

4. Status Gizi

Grup Statistik

	kognitif anak	N	Mean	Std. Deviation	Std. Error Mean
status_gizi	konkret	26	-.6262	1.60069	.31392
	formal	34	.2929	1.70752	.29284

Independent Samples Test

	Levene's Test for Equality of Variances	t-test for Equality of Means								
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
status_gizi	Equal variances assumed	.235	.630	-2.122	58	.038	-.91910	.43307	-1.78599	-.05220
	Equal variances not assumed			-2.141	55.565	.037	-.91910	.42930	-1.77924	-.05895

Uji non parametric *mann whitney*

5. Triptofan

Ranks

	kognitif anak	N	Mean Rank	Sum of Ranks
triptofan	konkret	26	25.00	650.00
	formal	34	34.71	1180.00
	Total	60		

Test Statistics^a

	triptofan
Mann-Whitney U	299.000
Wilcoxon W	650.000
Z	-2.141
Asymp. Sig. (2-tailed)	.032

a. Grouping Variable: kognitif anak

6. Linolenat

Ranks				
	kognitif anak	N	Mean Rank	Sum of Ranks
	Konkret	26	25.31	658.00
linolenat	Formal	34	34.47	1172.00
	Total	60		

Test Statistics ^a	
	linolenat
Mann-Whitney U	307.000
Wilcoxon W	658.000
Z	-2.014
Asymp. Sig. (2-tailed)	.044

a. Grouping Variable: kognitif anak

7. Vitamin C

Ranks				
	kognitif anak	N	Mean Rank	Sum of Ranks
	Konkret	26	28.35	737.00
VitaminC	Formal	34	32.15	1093.00
	Total	60		

Test Statistics ^a	
	VitaminC
Mann-Whitney U	386.000
Wilcoxon W	737.000
Z	-.835
Asymp. Sig. (2-tailed)	.403

a. Grouping Variable: kognitif anak

8. Zat Besi (Fe)

Ranks				
	kognitif anak	N	Mean Rank	Sum of Ranks
	Konkret	26	24.96	649.00
Fe	Formal	34	34.74	1181.00
	Total	60		

Test Statistics^a

	Fe
Mann-Whitney U	298.000
Wilcoxon W	649.000
Z	-2.148
Asymp. Sig. (2-tailed)	.032

a. Grouping Variable: kognitif anak

9. Seng

Ranks

	kognitif anak	N	Mean Rank	Sum of Ranks
seng	konkret	26	23.77	618.00
	formal	34	35.65	1212.00
Total		60		

Test Statistics^a

	seng
Mann-Whitney U	267.000
Wilcoxon W	618.000
Z	-2.611
Asymp. Sig. (2-tailed)	.009

a. Grouping Variable: kognitif anak

