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## Lampiran 1

### LEMBAR PERSETUJUAN MENJADI RESPONDEN

Saya yang bertanda tangan dibawah ini :

No. Responden: .....

Inisial : .....

Usia : .....

Alamat Rumah : .....

No. Hp/ Tlp : .....

Setelah mendengar, dan memahami penjelasan yang diberikan oleh peneliti, maka saya bersedia menjadi responden pada penelitian yang berjudul "Pengaruh Pemberian Kurma Sukari dan Madu pada Ibu Hamil KEK Trimester III Terhadap Peningkatan Kadar Antioksidan dalam ASI di Puskesmas Bontobangun dan Puskesmas Caile Kecamatan Rilau Ale Kabupaten Bulukumba.

Saya menjadi responden karena keinginan saya sendiri tanpa ada paksaan dari pihak manapun dan saya akan menjawab seluruh pertanyaan maupun pernyataan dalam penelitian ini dengan sejujur-jujurnya sesuai dengan kondisi saya saat ini yang sebenarnya.

Adapun data yang diperoleh dalam penelitian ini yang bersumber dari saya sebagai responden, dapat dipublikasikan dengan tidak akan mencantumkan nama kecuali nomor responden.

Bulukumba,..../...../2022

Responden

## Lampiran 2

### LEMBAR OBSERVASI

#### **PENGARUH PEMBERIAN KURMA SUKARI DAN MADU TERHADAP PENINGKATAN KADAR ANTIOKSIDAN DALAM ASI PADA IBU HAMIL KEK TRIMESTER III KEC. RILAU ALE KAB. BULUKUMBA**

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Jawablah dengan benar dan jujur dengan memberi tanda (X) pada pilihan yang anda anggap tepat.

#### **A. Karakteristik Responden**

No. Respoden : .....

Inisial : .....

Umur : .....

Umur kehamilan : .....

Pekerjaan : .....

#### **B. Kadar antioksidan**

Kelompok	Tanggal	Waktu	Kadar antioksidan
			Post
Kurma madu (I)			
Biskuit bumil(II)			
Tidak ada perlakuan (III)			

#### **C. Status Kesehatan**

Berat Badan : ..... kg

Tinggi Badan : ..... m

Lingkar lengan atas : ..... cm

**D. Food Recall 24 Jam**

Hari/Tanggal :

Hari ke :

Waktu Makan	Menu Makanan	Bahan Makanan	Ukuran	
			URT	*Berat (gram)
Pagi/Jam:				
Selingan Pagi/Jam:				
Siang/Jam:				
Selingan Sore/Jam:				
Malam/Jam:				

**MASTER TABEL**  
**PENGARUH PEMBERIAN KURMA SUKARI DAN MADU PADA IBU HAMIL KEK TRIMESTER III TERHADAP PENINGKATAN KADAR ANTIOKSIDAN DALAM ASI**  
**DI PUSKESMAS BONTOBANGUN DAN PUSKESMAS CAILE KECAMATAN RILAU ALE KABUPATEN BULUKUMBA**

Intervensi																											
No	Inisial	Umur		Pekerjaan		Usia Kehamilan		Status Gizi					Status Bayi			Tempat Persalinan		IMD		Kadar Antioksidan	Asupan Nutrisi						
		Tahun	Kode	Jenis	Kode	Minggu	Kode	TB	BB	IMT	Kode	LiLA	Kode	BBL	Kode	PB	Tempat	Kode	IMD		Kode	Protein			Vitamin A		
																						µg/mL	g	%	Kode	µg	%
1	Ny "A"	40	3	Wiraswasta	3	36	3	1.52	41	17.7	1	18.5	1	2400	1	48	PKM	1	Ya	1	34.37	59.5	70.0	1	440.3	46.3	1
2	Ny "C"	37	3	Wiraswasta	3	34	1	1.57	48	19.5	2	18.5	1	2500	2	48	PKM	1	Ya	1	9.93	39.4	46.4	1	368.4	38.8	1
3	Ny "Y"	20	2	IRT	1	34	1	1.63	52	19.6	2	21.0	1	2700	2	48	PKM	1	Ya	1	25.30	45.8	53.9	1	446.8	47.0	1
4	Ny "S"	15	1	IRT	1	34	1	1.54	53	22.3	2	22.5	1	2900	2	49	PKM	1	Ya	1	6.99	34.1	40.1	1	259.2	27.3	1
5	Ny "L"	32	2	PNS	2	35	2	1.51	43	18.9	2	18.0	1	2300	1	48	PKM	1	Ya	1	31.76	53.1	62.5	1	78.3	8.2	1
6	Ny "AR"	30	2	PNS	2	36	3	1.48	41	18.7	2	19.0	1	2800	2	49	PKM	1	Ya	1	24.80	40.0	47.1	1	247.6	26.1	1
7	Ny "E"	28	2	IRT	1	36	3	1.46	39	18.3	1	20.5	1	2500	2	48	PKM	1	Ya	1	29.53	38.3	45.1	1	443.8	46.7	1
8	Ny "D"	28	2	Wiraswasta	3	35	2	1.57	50	20.3	2	23.0	1	2900	2	48	PKM	1	Ya	1	26.13	79.1	93.1	2	5423.2	570.9	3
9	Ny "T"	22	2	IRT	1	34	1	1.60	50	19.5	2	22.0	1	2800	2	49	PKM	1	Ya	1	15.32	34.3	40.4	1	229.3	24.1	1
10	Ny "I"	21	2	Wiraswasta	3	36	3	1.50	41	18.2	1	19.0	1	2900	2	50	PKM	1	Ya	1	32.83	26.7	31.4	1	352.8	37.1	1

Intervensi																											
No	Vitamin E			Vitamin B1			Vitamin B2			Vitamin B6			Folic Acid			Vitamin C			Magnesium			Iron			Zink		
	mg	%	Kode	mg	%	Kode	mg	%	Kode	mg	%	Kode	µg	%	Kode	mg	%	Kode	mg	%	Kode	mg	%	Kode	mg	%	Kode
1	8.4	64.6	1	0.9	64.3	1	0.6	42.9	1	1.4	73.7	1	219.6	36.6	1	49.8	58.6	1	325.2	98.5	2	15.0	55.6	1	5.2	43.3	1
2	4.9	37.7	1	0.5	35.7	1	0.5	35.7	1	0.9	47.4	1	116.1	19.4	1	23.0	27.1	1	159.2	48.2	1	6.5	24.1	1	2.9	24.2	1
3	8.3	63.8	1	0.6	42.9	1	0.7	50.0	1	1.1	57.9	1	91.8	15.3	1	44.4	52.2	1	163.8	49.6	1	6.6	24.4	1	4.4	36.7	1
4	5.2	40.0	1	0.5	35.7	1	0.6	42.9	1	0.7	36.8	1	90.5	15.1	1	16.1	18.9	1	128.3	38.9	1	5.4	20.0	1	3.1	25.8	1
5	3.4	26.2	1	0.6	42.9	1	0.6	42.9	1	1.4	73.7	1	179.9	30.0	1	31.4	36.9	1	279.6	84.7	2	9.1	33.7	1	5.6	46.7	1
6	3.8	29.2	1	0.4	28.6	1	0.4	28.6	1	1.0	52.6	1	94.4	15.7	1	79.5	93.5	2	169.5	51.4	1	5.6	20.7	1	2.7	22.5	1
7	5.7	43.8	1	0.5	35.7	1	0.6	42.9	1	0.9	47.4	1	89.4	14.9	1	18.6	21.9	1	157.0	47.6	1	6.6	24.4	1	3.9	32.5	1
8	7.3	56.2	1	1.1	78.6	1	2.1	150.0	3	1.7	89.5	2	400.3	66.7	1	40.0	47.1	1	260.5	78.9	1	13.8	51.1	1	7.0	58.3	1
9	4.2	32.3	1	0.5	35.7	1	0.4	28.6	1	0.8	42.1	1	91.6	15.3	1	19.6	23.1	1	129.7	39.3	1	5.6	20.7	1	2.8	23.3	1
10	3.7	28.5	1	0.4	28.6	1	0.4	28.6	1	0.7	36.8	1	73.5	12.3	1	42.0	49.4	1	125.5	38.0	1	5.0	18.5	1	2.4	20.0	1

Kontrol																											
No	Inisial	Umur		Pekerjaan		Usia Kehamilan		Status Gizi					Status Bayi			Tempat Persalinan		IMD		Kadar Antioksidan	Asupan Nutrisi						
		Tahun	Kode	Jenis	Kode	Minggu	Kode	IMT			LiLA		BBL	Kode	PB	Tempat	Kode	IMD	Kode	µg/mL	Protein			Vitamin A			
								TB	BB	IMT	Kode	LiLA									Kode	g	%	Kode	µg	%	Kode
1	Ny "I"	24	2	IRT	1	35	2	1.55	45	18.7	2	20.0	1	2500	2	48	PKM	1	Ya	1	5.90	30.7	36.1	1	466.5	49.1	1
2	Ny "D"	30	2	PNS	2	36	3	1.60	51	19.9	2	22.5	1	2700	2	48	PKM	1	Ya	1	1.26	44.8	52.7	1	330.9	34.8	1
3	Ny "T"	27	2	Wiraswasta	3	36	3	1.54	45	19.0	2	21.5	1	2500	2	49	PKM	1	Ya	1	10.88	53.1	62.5	1	489.7	51.5	1
4	Ny "S"	35	2	PNS	2	35	2	1.57	45	18.3	1	19.0	1	2400	1	49	PKM	1	Ya	1	11.99	75.9	89.3	2	596.2	62.8	1
5	Ny "IN"	21	2	IRT	1	35	2	1.61	51	19.7	2	23.0	1	2800	2	50	PKM	1	Ya	1	20.70	48.8	57.4	1	353.7	37.2	1
6	Ny "SS"	19	1	IRT	1	35	2	1.52	43	18.6	2	19.5	1	2600	2	48	PKM	1	Ya	1	7.10	36.9	43.4	1	189.2	19.9	1
7	Ny "A"	26	2	Wiraswasta	3	34	1	1.55	48	20.0	2	20.0	1	2300	1	49	PKM	1	Ya	1	10.24	58.9	69.3	1	536.6	56.5	1
8	Ny "DL"	25	2	Wiraswasta	3	34	1	1.50	46	20.4	2	20.0	1	2400	1	49	PKM	1	Ya	1	21.93	68.3	80.4	2	323.0	34.0	1
9	Ny "U"	17	1	IRT	1	34	1	1.58	48	19.2	2	22.0	1	3000	2	50	PKM	1	Ya	1	8.41	30.4	35.8	1	152.0	16.0	1
10	Ny "R"	34	2	IRT	1	36	3	1.50	41	18.2	1	21.5	1	2700	2	49	PKM	1	Ya	1	30.75	30.7	36.1	1	466.5	49.1	1

Kontrol																											
No	Vitamin E			Vitamin B1			Vitamin B2			Vitamin B6			Folic Acid			Vitamin C			Magnesium			Iron			Zink		
	mg	%	Kode	mg	%	Kode	mg	%	Kode	mg	%	Kode	µg	%	Kode	mg	%	Kode	mg	%	Kode	mg	%	Kode	mg	%	Kode
1	2.6	20.0	1	0.3	21.4	1	0.5	35.7	1	0.7	36.8	1	75.8	12.6	1	12.9	15.2	1	134.7	40.8	1	5.1	18.9	1	3.0	25.0	1
2	3.6	27.7	1	0.3	21.4	1	0.6	42.9	1	0.7	36.8	1	93.1	15.5	1	35.1	41.3	1	172.8	52.4	1	5.6	20.7	1	4.2	35.0	1
3	4.3	33.1	1	0.5	35.7	1	0.5	35.7	1	1.1	57.9	1	120.5	20.1	1	44.9	52.8	1	169.6	51.4	1	4.5	16.7	1	4.0	33.3	1
4	4.8	36.9	1	0.6	42.9	1	0.6	42.9	1	0.9	47.4	1	121.4	20.2	1	14.2	16.7	1	334.3	101.3	2	11.8	43.7	1	6.5	54.2	1
5	3.7	28.5	1	0.4	28.6	1	0.7	50.0	1	0.9	47.4	1	99.9	16.7	1	18.0	21.2	1	167.2	50.7	1	5.4	20.0	1	4.2	35.0	1
6	2.0	15.4	1	0.4	28.6	1	0.2	14.3	1	0.6	31.6	1	52.3	8.7	1	12.8	15.1	1	97.0	29.4	1	1.9	7.0	1	2.1	17.5	1
7	2.8	21.5	1	0.3	21.4	1	0.6	42.9	1	1.0	52.6	1	82.9	13.8	1	15.7	18.5	1	149.6	45.3	1	4.4	16.3	1	5.5	45.8	1
8	1.7	13.1	1	0.4	28.6	1	0.7	50.0	1	0.9	47.4	1	64.5	10.8	1	5.6	6.6	1	140.8	42.7	1	5.4	20.0	1	5.6	46.7	1
9	0.6	4.6	1	0.2	14.3	1	0.2	14.3	1	0.5	26.3	1	41.1	6.9	1	5.9	6.9	1	104.0	31.5	1	2.5	9.3	1	2.7	22.5	1
10	2.6	20.0	1	0.3	21.4	1	0.5	35.7	1	0.7	36.8	1	75.8	12.6	1	12.9	15.2	1	134.7	40.8	1	5.1	18.9	1	3.0	25.0	1

Keterangan:

Umur	Pekerjaan	IMT	Usia Kehamilan	LiLA	BBL	Tempat Persalinan	IMD	Asupan Nutrisi
1 = <20 tahun	1 = IRT	1 = Kurang	1 = 34 minggu	1 = Tidak normal	1 = Rendah	1 = Puskesmas	1 = Ya	1 = Kurang
2 = 20-35 tahun	2 = PNS	2 = Normal	2 = 35 minggu	2 = Normal	2 = Normal	2 = Rumah Sakit	2 = Tidak	2 = Cukup
3 = >35 tahun	3 = Wiraswasta	3 = Lebih	3 = 36 minggu					3 = Berlebih
		4 = Obesitas						

## Lampiran 4

### Crosstabs

#### Umur \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Umur	<20 tahun	Count	1	2	3
		Expected Count	1.5	1.5	3.0
		% within Umur	33.3%	66.7%	100.0%
		% within Kelompok	10.0%	20.0%	15.0%
		% of Total	5.0%	10.0%	15.0%
	20-35 tahun	Count	7	8	15
		Expected Count	7.5	7.5	15.0
		% within Umur	46.7%	53.3%	100.0%
		% within Kelompok	70.0%	80.0%	75.0%
		% of Total	35.0%	40.0%	75.0%
	>35 tahun	Count	2	0	2
		Expected Count	1.0	1.0	2.0
		% within Umur	100.0%	0.0%	100.0%
		% within Kelompok	20.0%	0.0%	10.0%
		% of Total	10.0%	0.0%	10.0%
Total	Count	10	10	20	
	Expected Count	10.0	10.0	20.0	
	% within Umur	50.0%	50.0%	100.0%	
	% within Kelompok	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	2.400 <sup>a</sup>	2	.301
Likelihood Ratio	3.179	2	.204
Linear-by-Linear Association	1.727	1	.189
N of Valid Cases	20		

a. 4 cells (66.7%) have expected count less than 5. The minimum expected count is 1.00.

## Pekerjaan \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Pekerjaan	IRT	Count	4	5	9
		Expected Count	4.5	4.5	9.0
		% within Pekerjaan	44.4%	55.6%	100.0%
		% within Kelompok	40.0%	50.0%	45.0%
		% of Total	20.0%	25.0%	45.0%
	PNS	Count	2	2	4
		Expected Count	2.0	2.0	4.0
		% within Pekerjaan	50.0%	50.0%	100.0%
		% within Kelompok	20.0%	20.0%	20.0%
		% of Total	10.0%	10.0%	20.0%
	Wiraswasta	Count	4	3	7
		Expected Count	3.5	3.5	7.0
		% within Pekerjaan	57.1%	42.9%	100.0%
		% within Kelompok	40.0%	30.0%	35.0%
		% of Total	20.0%	15.0%	35.0%
Total	Count	10	10	20	
	Expected Count	10.0	10.0	20.0	
	% within Pekerjaan	50.0%	50.0%	100.0%	
	% within Kelompok	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.254 <sup>a</sup>	2	.881
Likelihood Ratio	.255	2	.880
Linear-by-Linear Association	.241	1	.624
N of Valid Cases	20		

a. 6 cells (100.0%) have expected count less than 5. The minimum expected count is 2.00.



## Tempat Persalinan \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Tempat Persalinan	Puskemas	Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Tempat Persalinan	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%
Total		Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Tempat Persalinan	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%

### Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	20

a. No statistics are computed because Tempat Persalinan is a constant.

## Inisiasi Menyusu Dini \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Inisiasi Menyusu Dini	Ya	Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Inisiasi Menyusu Dini	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%
Total		Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Inisiasi Menyusu Dini	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%

### Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	20

a. No statistics are computed because Inisiasi Menyusu Dini is a constant.

## T-Test

**Group Statistics**

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Usia Kehamilan	Intervensi	10	35.00	.943	.298
	Kontrol	10	35.00	.816	.258
IMT	Intervensi	10	19.300	1.3106	.4145
	Kontrol	10	19.200	.7659	.2422
Lingkar Lengan Atas	Intervensi	10	20.200	1.8439	.5831
	Kontrol	10	20.900	1.3703	.4333
Berat Badan Lahir	Intervensi	10	2670.00	226.323	71.570
	Kontrol	10	2590.00	213.177	67.412
Total AKG	Intervensi	10	48.290	26.6026	8.4125
	Kontrol	10	35.050	10.3468	3.2719

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means		
		F	Sig.	t	df	Sig. (2-tailed)
Usia Kehamilan	Equal variances assumed	.900	.355	.000	18	1.000
	Equal variances not assumed			.000	17.640	1.000
IMT	Equal variances assumed	1.037	.322	.208	18	.837
	Equal variances not assumed			.208	14.505	.838
Lingkar Lengan Atas	Equal variances assumed	1.920	.183	-.964	18	.348
	Equal variances not assumed			-.964	16.618	.349
Berat Badan Lahir	Equal variances assumed	.309	.585	.814	18	.426
	Equal variances not assumed			.814	17.936	.427
Total AKG	Equal variances assumed	1.901	.185	1.467	18	.160
	Equal variances not assumed			1.467	11.662	.169

**Independent Samples Test**

		t-test for Equality of Means			
		Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
				Lower	Upper
Usia Kehamilan	Equal variances assumed	.000	.394	-.829	.829
	Equal variances not assumed	.000	.394	-.830	.830
IMT	Equal variances assumed	.1000	.4800	-.9085	1.1085
	Equal variances not assumed	.1000	.4800	-.9262	1.1262

Lingkar Lengan Atas	Equal variances assumed	-7000	.7265	-2.2263	.8263
	Equal variances not assumed	-7000	.7265	-2.2354	.8354
Berat Badan Lahir	Equal variances assumed	80.000	98.319	-126.561	286.561
	Equal variances not assumed	80.000	98.319	-126.614	286.614
Total AKG	Equal variances assumed	13.2400	9.0264	-5.7237	32.2037
	Equal variances not assumed	13.2400	9.0264	-6.4902	32.9702

## Protein \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Protein	Kurang	Count	7	5	12
		Expected Count	6.0	6.0	12.0
		% within Protein	58.3%	41.7%	100.0%
		% within Kelompok	70.0%	50.0%	60.0%
		% of Total	35.0%	25.0%	60.0%
	Cukup	Count	2	3	5
		Expected Count	2.5	2.5	5.0
		% within Protein	40.0%	60.0%	100.0%
		% within Kelompok	20.0%	30.0%	25.0%
		% of Total	10.0%	15.0%	25.0%
	Berlebih	Count	1	2	3
		Expected Count	1.5	1.5	3.0
		% within Protein	33.3%	66.7%	100.0%
		% within Kelompok	10.0%	20.0%	15.0%
		% of Total	5.0%	10.0%	15.0%
Total	Count	10	10	20	
	Expected Count	10.0	10.0	20.0	
	% within Protein	50.0%	50.0%	100.0%	
	% within Kelompok	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.867 <sup>a</sup>	2	.648
Likelihood Ratio	.876	2	.645
Linear-by-Linear Association	.781	1	.377
N of Valid Cases	20		

a. 4 cells (66.7%) have expected count less than 5. The minimum expected count is 1.50.

## Vitamin A \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Vitamin A	Kurang	Count	9	10	19
		Expected Count	9.5	9.5	19.0
		% within Vitamin A	47.4%	52.6%	100.0%
		% within Kelompok	90.0%	100.0%	95.0%
		% of Total	45.0%	50.0%	95.0%
	Berlebih	Count	1	0	1
		Expected Count	.5	.5	1.0
		% within Vitamin A	100.0%	0.0%	100.0%
		% within Kelompok	10.0%	0.0%	5.0%
		% of Total	5.0%	0.0%	5.0%
Total	Count	10	10	20	
	Expected Count	10.0	10.0	20.0	
	% within Vitamin A	50.0%	50.0%	100.0%	
	% within Kelompok	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.053 <sup>a</sup>	1	.305		
Continuity Correction <sup>b</sup>	.000	1	1.000		
Likelihood Ratio	1.439	1	.230		
Fisher's Exact Test				1.000	.500
Linear-by-Linear Association	1.000	1	.317		
N of Valid Cases	20				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is .50.

b. Computed only for a 2x2 table

## Vitamin E \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Vitamin E	Kurang	Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Vitamin E	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%
Total		Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Vitamin E	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%

Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	20

a. No statistics are computed because Vitamin E is a constant.

## Vitamin B1 \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Vitamin B1	Kurang	Count	9	10	19
		Expected Count	9.5	9.5	19.0
		% within Vitamin B1	47.4%	52.6%	100.0%
		% within Kelompok	90.0%	100.0%	95.0%
		% of Total	45.0%	50.0%	95.0%
	Cukup	Count	1	0	1
		Expected Count	.5	.5	1.0
		% within Vitamin B1	100.0%	0.0%	100.0%
		% within Kelompok	10.0%	0.0%	5.0%
		% of Total	5.0%	0.0%	5.0%
Total	Count	10	10	20	
	Expected Count	10.0	10.0	20.0	
	% within Vitamin B1	50.0%	50.0%	100.0%	
	% within Kelompok	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.053 <sup>a</sup>	1	.305		
Continuity Correction <sup>b</sup>	.000	1	1.000		
Likelihood Ratio	1.439	1	.230		
Fisher's Exact Test				1.000	.500
Linear-by-Linear Association	1.000	1	.317		
N of Valid Cases	20				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is .50.

b. Computed only for a 2x2 table



## Vitamin B2 \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Vitamin B2	Kurang	Count	9	10	19
		Expected Count	9.5	9.5	19.0
		% within Vitamin B2	47.4%	52.6%	100.0%
		% within Kelompok	90.0%	100.0%	95.0%
		% of Total	45.0%	50.0%	95.0%
	Berlebih	Count	1	0	1
		Expected Count	.5	.5	1.0
		% within Vitamin B2	100.0%	0.0%	100.0%
		% within Kelompok	10.0%	0.0%	5.0%
		% of Total	5.0%	0.0%	5.0%
Total	Count	10	10	20	
	Expected Count	10.0	10.0	20.0	
	% within Vitamin B2	50.0%	50.0%	100.0%	
	% within Kelompok	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.053 <sup>a</sup>	1	.305		
Continuity Correction <sup>b</sup>	.000	1	1.000		
Likelihood Ratio	1.439	1	.230		
Fisher's Exact Test				1.000	.500
Linear-by-Linear Association	1.000	1	.317		
N of Valid Cases	20				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is .50.

b. Computed only for a 2x2 table

## Vitamin B6 \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Vitamin B6	Kurang	Count	9	10	19
		Expected Count	9.5	9.5	19.0
		% within Vitamin B6	47.4%	52.6%	100.0%
		% within Kelompok	90.0%	100.0%	95.0%
		% of Total	45.0%	50.0%	95.0%
	Cukup	Count	1	0	1
		Expected Count	.5	.5	1.0
		% within Vitamin B6	100.0%	0.0%	100.0%
		% within Kelompok	10.0%	0.0%	5.0%
		% of Total	5.0%	0.0%	5.0%
Total	Count	10	10	20	
	Expected Count	10.0	10.0	20.0	
	% within Vitamin B6	50.0%	50.0%	100.0%	
	% within Kelompok	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.053 <sup>a</sup>	1	.305		
Continuity Correction <sup>b</sup>	.000	1	1.000		
Likelihood Ratio	1.439	1	.230		
Fisher's Exact Test				1.000	.500
Linear-by-Linear Association	1.000	1	.317		
N of Valid Cases	20				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is .50.

b. Computed only for a 2x2 table

## Folic Acid \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Folic Acid	Kurang	Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Folic Acid	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%
Total		Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Folic Acid	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%

### Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	20

a. No statistics are computed because Folic Acid is a constant.

## Vitamin C \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Vitamin C	Kurang	Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Vitamin C	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%
Total		Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Vitamin C	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%

Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	20

a. No statistics are computed because Vitamin C is a constant.

## Magnesium \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Magnesium	Kurang	Count	7	9	16
		Expected Count	8.0	8.0	16.0
		% within Magnesium	43.8%	56.3%	100.0%
		% within Kelompok	70.0%	90.0%	80.0%
		% of Total	35.0%	45.0%	80.0%
	Cukup	Count	3	0	3
		Expected Count	1.5	1.5	3.0
		% within Magnesium	100.0%	0.0%	100.0%
		% within Kelompok	30.0%	0.0%	15.0%
		% of Total	15.0%	0.0%	15.0%
	Berlebih	Count	0	1	1
		Expected Count	.5	.5	1.0
		% within Magnesium	0.0%	100.0%	100.0%
		% within Kelompok	0.0%	10.0%	5.0%
		% of Total	0.0%	5.0%	5.0%
Total	Count	10	10	20	
	Expected Count	10.0	10.0	20.0	
	% within Magnesium	50.0%	50.0%	100.0%	
	% within Kelompok	100.0%	100.0%	100.0%	
	% of Total	50.0%	50.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	4.250 <sup>a</sup>	2	.119
Likelihood Ratio	5.796	2	.055
Linear-by-Linear Association	.165	1	.684
N of Valid Cases	20		

a. 4 cells (66.7%) have expected count less than 5. The minimum expected count is .50.

## Iron \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Iron	Kurang	Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Iron	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%
Total		Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Iron	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%

Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	20

a. No statistics are computed because Iron is a constant.

## Zink \* Kelompok

Crosstab

			Kelompok		Total
			Intervensi	Kontrol	
Zink	Kurang	Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Zink	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%
Total		Count	10	10	20
		Expected Count	10.0	10.0	20.0
		% within Zink	50.0%	50.0%	100.0%
		% within Kelompok	100.0%	100.0%	100.0%
		% of Total	50.0%	50.0%	100.0%

Chi-Square Tests

	Value
Pearson Chi-Square	. <sup>a</sup>
N of Valid Cases	20

a. No statistics are computed because Zink is a constant.

## Frequencies

### Statistics

		Protein	Vitamin A	Vitamin E	Vitamin B1	Vitamin B2	Vitamin B6
N	Valid	20	20	20	20	20	20
	Missing	0	0	0	0	0	0
Mean		54.650	64.170	32.155	34.650	42.875	48.945
Median		49.900	38.000	28.850	32.150	42.900	47.400
Mode		36.1 <sup>a</sup>	49.1	20.0 <sup>a</sup>	28.6 <sup>a</sup>	42.9	36.8 <sup>a</sup>
Std. Deviation		18.1647	120.1039	15.8719	15.0784	27.2207	15.6733
Range		61.7	562.7	60.0	64.3	135.7	63.2
Minimum		31.4	8.2	4.6	14.3	14.3	26.3
Maximum		93.1	570.9	64.6	78.6	150.0	89.5
Sum		1093.0	1283.4	643.1	693.0	857.5	978.9

a. Multiple modes exist. The smallest value is shown

### Statistics

		Folic Acid	Vitamin C	Magnesium	Iron	Zink
N	Valid	20	20	20	20	20
	Missing	0	0	0	0	0
Mean		18.960	31.910	53.070	24.235	33.665
Median		15.300	22.500	47.900	20.350	32.900
Mode		12.6 <sup>a</sup>	15.2	40.8 <sup>a</sup>	20.0 <sup>a</sup>	22.5 <sup>a</sup>
Std. Deviation		13.1194	21.7724	20.8340	12.5551	11.9850
Range		59.8	86.9	71.9	48.6	40.8
Minimum		6.9	6.6	29.4	7.0	17.5
Maximum		66.7	93.5	101.3	55.6	58.3
Sum		379.2	638.2	1061.4	484.7	673.3

a. Multiple modes exist. The smallest value is shown



## T-Test

**Group Statistics**

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Protein	Intervensi	10	53.000	18.0141	5.6966
	Kontrol	10	56.300	19.1316	6.0499
Vitamin A	Intervensi	10	87.250	170.3888	53.8817
	Kontrol	10	41.090	15.3803	4.8637
Vitamin E	Intervensi	10	42.230	14.5398	4.5979
	Kontrol	10	22.080	9.7392	3.0798
Vitamin B1	Intervensi	10	42.870	16.1547	5.1086
	Kontrol	10	26.430	8.2977	2.6240
Vitamin B2	Intervensi	10	49.310	36.1713	11.4384
	Kontrol	10	36.440	12.8017	4.0482
Vitamin B6	Intervensi	10	55.790	17.7700	5.6194
	Kontrol	10	42.100	9.9349	3.1417
Folic Acid	Intervensi	10	24.130	16.8596	5.3315
	Kontrol	10	13.790	4.4403	1.4042
Vitamin C	Intervensi	10	42.870	22.7252	7.1863
	Kontrol	10	20.950	14.7435	4.6623
Magnesium	Intervensi	10	57.510	21.6548	6.8478
	Kontrol	10	48.630	20.0898	6.3530
Iron	Intervensi	10	29.320	13.3849	4.2327
	Kontrol	10	19.150	9.8061	3.1010
Zink	Intervensi	10	33.330	12.6901	4.0130
	Kontrol	10	34.000	11.9143	3.7676

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means		
		F	Sig.	t	df	Sig. (2-tailed)
Protein	Equal variances assumed	.177	.679	-.397	18	.696
	Equal variances not assumed			-.397	17.935	.696
Vitamin A	Equal variances assumed	3.776	.068	.853	18	.405
	Equal variances not assumed			.853	9.147	.415
Vitamin E	Equal variances assumed	2.189	.156	3.641	18	.002
	Equal variances not assumed			3.641	15.723	.002
Vitamin B1	Equal variances assumed	1.806	.196	2.863	18	.010
	Equal variances not assumed			2.863	13.440	.013
Vitamin B2	Equal variances assumed	1.310	.267	1.061	18	.303

	Equal variances not assumed			1.061	11.220	.311
Vitamin B6	Equal variances assumed	3.233	.089	2.126	18	.048
	Equal variances not assumed			2.126	14.126	.052
Folic Acid	Equal variances assumed	6.038	.024	1.875	18	.077
	Equal variances not assumed			1.875	10.243	.089
Vitamin C	Equal variances assumed	1.655	.215	2.559	18	.020
	Equal variances not assumed			2.559	15.436	.021
Magnesium	Equal variances assumed	.917	.351	.951	18	.354
	Equal variances not assumed			.951	17.900	.354
Iron	Equal variances assumed	2.045	.170	1.938	18	.068
	Equal variances not assumed			1.938	16.501	.070
Zink	Equal variances assumed	.114	.740	-.122	18	.904
	Equal variances not assumed			-.122	17.929	.904

		t-test for Equality of Means			
		Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
				Lower	Upper
Protein	Equal variances assumed	-3.3000	8.3098	-20.7582	14.1582
	Equal variances not assumed	-3.3000	8.3098	-20.7628	14.1628
Vitamin A	Equal variances assumed	46.1600	54.1007	-67.5014	159.8214
	Equal variances not assumed	46.1600	54.1007	-75.9259	168.2459
Vitamin E	Equal variances assumed	20.1500	5.5341	8.5233	31.7767
	Equal variances not assumed	20.1500	5.5341	8.4015	31.8985
Vitamin B1	Equal variances assumed	16.4400	5.7431	4.3743	28.5057
	Equal variances not assumed	16.4400	5.7431	4.0740	28.8060
Vitamin B2	Equal variances assumed	12.8700	12.1336	-12.6218	38.3618
	Equal variances not assumed	12.8700	12.1336	-13.7722	39.5122
Vitamin B6	Equal variances assumed	13.6900	6.4380	.1643	27.2157
	Equal variances not assumed	13.6900	6.4380	-.1066	27.4866
Folic Acid	Equal variances assumed	10.3400	5.5133	-1.2430	21.9230
	Equal variances not assumed	10.3400	5.5133	-1.9050	22.5850
Vitamin C	Equal variances assumed	21.9200	8.5662	3.9230	39.9170
	Equal variances not assumed	21.9200	8.5662	3.7063	40.1337
Magnesium	Equal variances assumed	8.8800	9.3409	-10.7446	28.5046
	Equal variances not assumed	8.8800	9.3409	-10.7525	28.5125
Iron	Equal variances assumed	10.1700	5.2471	-.8536	21.1936
	Equal variances not assumed	10.1700	5.2471	-.9259	21.2659
Zink	Equal variances assumed	-.6700	5.5044	-12.2344	10.8944
	Equal variances not assumed	-.6700	5.5044	-12.2377	10.8977

## Explore

### Kelompok

Case Processing Summary

	Kelompok	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Kadar Antioksidan	Intervensi	10	100.0%	0	0.0%	10	100.0%
	Kontrol	10	100.0%	0	0.0%	10	100.0%

Descriptives

	Kelompok		Statistic	Std. Error	
Kadar Antioksidan	Intervensi	Mean	23.6960	3.06394	
		95% Confidence Interval for Mean	Lower Bound	16.7649	
			Upper Bound	30.6271	
		5% Trimmed Mean		24.0311	
		Median		25.7150	
		Variance		93.877	
		Std. Deviation		9.68902	
		Minimum		6.99	
		Maximum		34.37	
		Range		27.38	
		Interquartile Range		18.06	
		Skewness		-.785	.687
		Kurtosis		-.771	1.334
			Kontrol	Mean	12.9160
95% Confidence Interval for Mean	Lower Bound			6.5565	
	Upper Bound			19.2755	
5% Trimmed Mean				12.5728	
Median				10.5600	
Variance				79.031	
Std. Deviation				8.88991	
Minimum				1.26	
Maximum				30.75	
Range				29.49	
Interquartile Range				14.21	
Skewness				.915	.687
Kurtosis				.341	1.334

**Tests of Normality**

		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Kelompok	Statistic	df	Sig.	Statistic	df	Sig.
Kadar Antioksidan	Intervensi	.245	10	.090	.887	10	.158
	Kontrol	.241	10	.102	.919	10	.352

a. Lilliefors Significance Correction

## T-Test

### Group Statistics

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Kadar Antioksidan	Intervensi	10	23.6960	9.68902	3.06394
	Kontrol	10	12.9160	8.88991	2.81124

### 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
Kadar Antioksidan	Equal variances assumed	.135	.717	2.592	18	.018	10.78000
	Equal variances not assumed			2.592	17.868	.018	10.78000

### Independent Samples Test

t-test for Equality of Means		
Std. Error Difference	95% Confidence Interval of the Difference	
	Lower	Upper
4.15822	2.04391	19.51609
4.15822	2.03929	19.52071