

## Analisis Berat Badan

### 1. Uji Paired T Test

#### a. Kelompok Kontrol Negatif

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	BB_pre	188.83	6	3.656	1.493
	BB_post	217.17	6	3.817	1.558

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	BB_pre	188.83	6	3.656	1.493
	BB_post	217.17	6	3.817	1.558

**Paired Samples Test**

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	BB_pre - BB_post	-28.333	.816	.333	-29.190	-27.476	-85.000	5	.000

#### b. Kelompok Kontrol Positif

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	BB_pre	185.33	6	3.670	1.498
	BB_post	165.50	6	3.332	1.360

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	BB_pre & BB_post	6	.785	.064

**Paired Samples Test**

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	BB_pre - BB_post	19.833	2.317	.946	17.402	22.264	20.971	5	.000

c. Kelompok Perlakuan 1

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	BB_pre	185.50	6	4.231	1.727
	BB_post	206.17	6	4.579	1.869

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	BB_pre & BB_post	6	.986	.000

**Paired Samples Test**

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	BB_pre - BB_post	-20.667	.816	.333	-21.524	-19.810	-62.000	5	.000

d. Kelompok Perlakuan 2

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	BB_pre	185.17	6	2.927	1.195
	BB_post	214.00	6	3.033	1.238

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 BB_pre & BB_post	6	.969	.001

### Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	BB_pre - BB_post	-28.833	.753	.307	-29.623	-28.043	-93.822	5	.000

## 2. Uji One Way Anova dan Uji Post Hoc LSD

### a. Perbedaan rerata berat badan antar kelompok

#### ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
BB_pre	Between Groups	55.458	3	18.486	1.387	.276
	Within Groups	266.500	20	13.325		
	Total	321.958	23			
BB_post	Between Groups	10301.792	3	3433.931	246.013	.000
	Within Groups	279.167	20	13.958		
	Total	10580.958	23			

#### Multiple Comparisons

##### LSD

Dependent Variable	(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
BB_pre	kontrol negatif	kontrol positif	3.500	2.108	.112	-0.90	7.90
		perlakuan 1	3.333	2.108	.129	-1.06	7.97
		perlakuan 2	3.667	2.108	.097	-0.73	8.07
	kontrol positif	kontrol negatif	-3.500	2.108	.112	-7.90	0.90
		perlakuan 1	-.167	2.108	.938	-4.56	4.23
		perlakuan 2	.167	2.108	.938	-4.23	3.90
	perlakuan 1	kontrol negatif	-3.333	2.108	.129	-7.73	1.06
		kontrol positif	.167	2.108	.938	-4.23	3.90
		perlakuan 2	.333	2.108	.876	-4.06	3.39

	perlakuan 2	kontrol negatif	-3.667	2.108	.097	-8.06
		kontrol positif	-.167	2.108	.938	-4.56
		perlakuan 1	-.333	2.108	.876	-4.73
BB_post	kontrol negatif	kontrol positif	51.667*	2.157	.000	47.17
		perlakuan 1	11.000*	2.157	.000	6.50
		perlakuan 2	3.167	2.157	.158	-1.33
	kontrol positif	kontrol negatif	-51.667*	2.157	.000	-56.17
		perlakuan 1	-40.667*	2.157	.000	-45.17
		perlakuan 2	-48.500*	2.157	.000	-53.00
	perlakuan 1	kontrol negatif	-11.000*	2.157	.000	-15.50
		kontrol positif	40.667*	2.157	.000	36.17
		perlakuan 2	-7.833*	2.157	.002	-12.33
	perlakuan 2	kontrol negatif	-3.167	2.157	.158	-7.67
		kontrol positif	48.500*	2.157	.000	44.00
		perlakuan 1	7.833*	2.157	.002	3.33

\*. The mean difference is significant at the 0.05 level.

b. Perbedaan berat badan  $\Delta$ BB sebelum dan sesudah perlakuan

#### ANOVA

delta\_BB

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9681.667	3	3227.222	1776.453	.000
Within Groups	36.333	20	1.817		
Total	9718.000	23			

#### Multiple Comparisons

Dependent Variable: delta\_BB

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	48.167*	.778	.000	46.54	49.79
	perlakuan 1	7.667*	.778	.000	6.04	9.29
	perlakuan 2	-.500	.778	.528	-2.12	1.12
kontrol positif	kontrol negatif	-48.167*	.778	.000	-49.79	-46.54
	perlakuan 1	-40.500*	.778	.000	-42.12	-38.88

	perlakuan 2	-48.667*	.778	.000	-50.29	-47.04
perlakuan 1	kontrol negatif	-7.667*	.778	.000	-9.29	-6.04
	kontrol positif	40.500*	.778	.000	38.88	42.12
	perlakuan 2	-8.167*	.778	.000	-9.79	-6.54
perlakuan 2	kontrol negatif	.500	.778	.528	-1.12	2.12
	kontrol positif	48.667*	.778	.000	47.04	50.29
	perlakuan 1	8.167*	.778	.000	6.54	9.79

\*. The mean difference is significant at the 0.05 level.

## Analisis Kadar Asam Urat

### 1. Uji Paired T Test

#### a. Kelompok Kontrol Negatif

**Paired Samples Statistics**

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 AU_pre	1.5750	6	.12661	.05169
AU_post	1.6817	6	.11856	.04840

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 AU_pre & AU_post	6	.935	.006

**Paired Samples Test**

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 AU_pre - AU_post	-.10667	.04502	.01838	-.15391	-.05942	-5.804	5	.002

#### b. Kelompok Kontrol Positif

**Paired Samples Statistics**

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 AU_pre	7.5183	6	.23060	.09414
AU_post	7.7950	6	.11675	.04766

**Paired Samples Correlations**

	N	Correlation	Sig.
Pair 1 AU_pre & AU_post	6	.944	.005

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	AU_pre - AU_post	-.27667	.12644	.05162	-.40936	-.14398	-5.360	5	.003

c. Kelompok Perlakuan 1

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	AU_pre	7.4933	6	.22178	.09054
	AU_post	2.8783	6	.30009	.12251

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	AU_pre & AU_post	6	.470	.347

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	AU_pre - AU_post	4.61500	.27689	.11304	4.32442	4.90558	40.826	5	.000

d. Kelompok Perlakuan 2

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	AU_pre	7.4850	6	.17513	.07150
	AU_post	2.0550	6	.09006	.03677

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	AU_pre & AU_post	6	.486	.328

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	AU_pre - AU_post	5.43000	.15310	.06250	5.26933	5.59067	86.875	5	.000

**2. Uji Kruskal-Wallis dan Uji Mann-Whitney**

a. Perbedaan rerata kadar asam urat antar kelompok

**Test Statistics<sup>a,b</sup>**

	AU_pre	AU_post
Chi-Square	9.457	10.616
df	3	3
Asymp. Sig.	.024	.014

a. Kruskal Wallis Test

b. Grouping Variable: kelompok

1) Kelompok Kontrol Negatif dan Kelompok Kontrol Positif

**Test Statistics<sup>a</sup>**

	AU_pre	AU_post
Mann-Whitney U	.000	.000
Wilcoxon W	21.000	21.000
Z	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002 <sup>b</sup>	.002 <sup>b</sup>

a. Grouping Variable: kelompok

b. Not corrected for ties.

2) Kelompok Kontrol Negatif dan Kelompok Perlakuan 1

**Test Statistics<sup>a</sup>**

	AU_pre	AU_post
Mann-Whitney U	.000	.000
Wilcoxon W	21.000	21.000
Z	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002 <sup>b</sup>	.002 <sup>b</sup>



- a. Grouping Variable: kelompok
- b. Not corrected for ties.

3) Kelompok Kontrol Negatif dan Kelompok Perlakuan 2

**Test Statistics<sup>a</sup>**

	AU_pre	AU_post
Mann-Whitney U	.000	.000
Wilcoxon W	21.000	21.000
Z	-2.882	-2.882
Asymp. Sig. (2-tailed)	.004	.004
Exact Sig. [2*(1-tailed Sig.)]	.002 <sup>b</sup>	.002 <sup>b</sup>

- a. Grouping Variable: kelompok
- b. Not corrected for ties.

4) Kelompok Kontrol Positif dan Kelompok Perlakuan 1

**Test Statistics<sup>a</sup>**

	AU_pre	AU_post
Mann-Whitney U	15.500	.000
Wilcoxon W	36.500	21.000
Z	-.401	-2.882
Asymp. Sig. (2-tailed)	.688	.004
Exact Sig. [2*(1-tailed Sig.)]	.699 <sup>b</sup>	.002 <sup>b</sup>

- a. Grouping Variable: kelompok
- b. Not corrected for ties.

5) Kelompok Kontrol Positif dan Kelompok Perlakuan 2

**Test Statistics<sup>a</sup>**

	AU_pre	AU_post
Mann-Whitney U	16.500	.000
Wilcoxon W	37.500	21.000
Z	-.241	-2.882
Asymp. Sig. (2-tailed)	.810	.004
Exact Sig. [2*(1-tailed Sig.)]	.818 <sup>b</sup>	.002 <sup>b</sup>

- a. Grouping Variable: kelompok
- b. Not corrected for ties.

6) Kelompok Perlakuan 1 dan Kelompok Perlakuan 2

**Test Statistics<sup>a</sup>**

	AU_pre	AU_post
Mann-Whitney U	17.500	9.000
Wilcoxon W	38.500	30.000
Z	-.080	-1.446
Asymp. Sig. (2-tailed)	.936	.148
Exact Sig. [2*(1-tailed Sig.)]	.937 <sup>b</sup>	.180 <sup>b</sup>

a. Grouping Variable: kelompok

b. Not corrected for ties.

e. Perbedaan kadar asam urat  $\Delta$ AU sebelum dan sesudah penelitian

**Test Statistics<sup>a,b</sup>**

	delta_AU
Chi-Square	17.485
df	3
Asymp. Sig.	.001

a. Kruskal Wallis Test

b. Grouping Variable:  
kelompok