

## LAMPIRAN

### Lampiran 1

#### Perhitungan dosis tempe

Dosis tempe untuk menurunkan kolesterol pada manusia adalah 250 g/hari  
(Setiawan Dalimartha, 2005)

Dosis tempe untuk tikus : 22,5 g/kgBB.

Rata-rata berat tikus : 250 g

Dosis I : 15 g/kgBB

$$250 \text{ g}/1000 \text{ g} \times 15 \text{ g} = 3,750 \text{ g}$$

Dosis II : 22,5 g/kgBB

$$250 \text{ g}/1000 \text{ g} \times 22,5 \text{ g} = 5,625 \text{ g}$$

Dosis III : 30 g/kgBB

$$250 \text{ g}/1000 \text{ g} \times 30 \text{ g} = 7,500 \text{ g}$$

## Lampiran 2 : Perhitungan Statistik

### Homogenitas Varians

Test of Homogeneity of Variances

Kadar kolesterol total sebelum perlakuan

Levene statistic	df1	df2	Sig.
2.191	3	15	.132

### Oneway

#### ANOVA

SEBELUM

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	860,997	3	286,999	2,379	,111
Within Groups	1809,950	15	120,663		
Total	2670,947	18			

### Oneway

#### ANOVA

SESUDAH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	18556,387	3	6185,462	45,563	,000
Within Groups	2036,350	15	135,757		
Total	20592,737	18			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: SESUDAH

Tukey HSD

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
tempe D1	tempe D2	21,20	7,369	,050	-,04	42,44
	tempe D3	-5,00	7,369	,904	-26,24	16,24
	kontrol (-)	-67,15*	7,816	,000	-89,68	-44,62
tempe D2	tempe D1	-21,20	7,369	,050	-42,44	,04
	tempe D3	-26,20*	7,369	,014	-47,44	-4,96
	kontrol (-)	-88,35*	7,816	,000	-110,88	-65,82
tempe D3	tempe D1	5,00	7,369	,904	-16,24	26,24
	tempe D2	26,20*	7,369	,014	4,96	47,44
	kontrol (-)	-62,15*	7,816	,000	-84,68	-39,62
kontrol (-)	tempe D1	67,15*	7,816	,000	44,62	89,68
	tempe D2	88,35*	7,816	,000	65,82	110,88
	tempe D3	62,15*	7,816	,000	39,62	84,68

\*. The mean difference is significant at the .05 level.

## Homogeneous Subsets

Tukey HSD<sup>a,b</sup>

GROUP	N	Subset for alpha = .05		
		1	2	3
tempe D2	5	96,40		
tempe D1	5	117,60	117,60	
tempe D3	5		122,60	
kontrol (-)	4			184,75
Sig.		,059	,911	1,000

a. Uses Harmonic Mean Sample Size = 4,706.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

**T-Test****Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	d1 sebelum	164,40	5	18,569	8,304
	d1 sesudah	117,60	5	7,021	3,140
Pair 2	d2 sebelum	166,6000	5	4,97996	2,22711
	d2 sesudah	96,4000	5	3,04959	1,36382
Pair 3	d3 sebelum	177,2000	5	7,69415	3,44093
	d3 sesudah	122,6000	5	2,07364	,92736
Pair 4	d4 sebelum	158,2500	4	5,61991	2,80995
	d4 sesudah	184,7500	4	24,39091	12,19546

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	d1 sebelum & d1 sesudah	5	,182	,770
Pair 2	d2 sebelum & d2 sesudah	5	,919	,028
Pair 3	d3 sebelum & d3 sesudah	5	,210	,735
Pair 4	d4 sebelum & d4 sesudah	4	-,724	,276

**Paired Samples Test**

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
d1 sebelum - d1 sesudah	46,80	18,62	8,33	23,68	69,92	5,620	4	,005
d2 sebelum - d2 sesudah	70,20	2,49	1,11	67,11	73,29	63,041	4	,000
d3 sebelum - d3 sesudah	54,60	7,54	3,37	45,24	63,96	16,200	4	,000
d4 sebelum - d4 sesudah	-26,50	28,72	14,36	-72,20	19,20	-1,845	3	,162

## Oneway

### ANOVA

persentase penurunan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	8697.325	3	2899.108	32.553	.000
Within Groups	1335.873	15	89.058		
Total	10033.197	18			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: persentase penurunan

Tukey HSD

(I) faktor	(J) faktor	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
tempe D1	tempe D2	14.26155	5.96852	.122	-2.9406	31.4637
	tempe D3	2.84149	5.96852	.963	-14.3607	20.0437
	kontrol	-45.03077*	6.33058	.000	-63.2764	-26.7851
tempe D2	tempe D1	-14.26155	5.96852	.122	-31.4637	2.9406
	tempe D3	-11.42006	5.96852	.264	-28.6222	5.7821
	kontrol	-59.29232*	6.33058	.000	-77.5380	-41.0467
tempe D3	tempe D1	-2.84149	5.96852	.963	-20.0437	14.3607
	tempe D2	11.42006	5.96852	.264	-5.7821	28.6222
	kontrol	-47.87227*	6.33058	.000	-66.1179	-29.6266
kontrol	tempe D1	45.03077*	6.33058	.000	26.7851	63.2764
	tempe D2	59.29232*	6.33058	.000	41.0467	77.5380
	tempe D3	47.87227*	6.33058	.000	29.6266	66.1179

\*. The mean difference is significant at the .05 level.

## Homogeneous Subsets

### persentase penurunan

Tukey HSD<sup>a,b</sup>

faktor	N	Subset for alpha = .05	
		1	2
tempe D2	5	-42.1355	
tempe D3	5	-30.7155	
tempe D1	5	-27.8740	
kontrol	4		17.1568
Sig.		.138	1.000

Means for groups in homogeneous subsets are displayed.

- a. Uses Harmonic Mean Sample Size = 4.706.
- b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.