

Lampiran 1

Perhitungan Dosis

Dosis Vaksin Campak

Dosis manusia = 0.5 ml

Konversi dosis untuk mencit 20 g = 0.0026

Dosis untuk mencit 20 g = $0.5 \times 0.0026 = 0.0013$ ml

Dosis untuk mencit 28.24 g = $28.24 / 20 \times 0.0013 = 0.00182$ ml

Pengenceran = $0.5 / 0.00182 = 270$ X

Dosis Aspirin

Dosis Manusia = 500 mg

Konversi dosis untuk mencit 20 g = 0.0026

Dosis untuk mencit 20 g = $500 \times 0.0026 = 1.3$ mg

Dosis untuk mencit 28.24 g = $28.24 / 20 \times 1.3 = 1.8356$ mg / 0.5 ml

Dosis Infusa Cacing Tanah

Dosis untuk manusia = 6 g

Konversi dosis untuk mencit 20 g = 0.0026

Dosis untuk mencit 20 g = $6 \times 0.0026 = 0.0156$ g

Dosis untuk mencit 28.24 g = $28.24 / 20 \times 0.0156 = 0.022$ g

Dosis mencit = $0.022 \text{ g} / 0.5 \text{ ml} = 0.044 \text{ g} / \text{ml}$
 $= 4.4 \text{ g} / 100 \text{ ml}$
 $= 4.4\%$

Dosis yang digunakan dalam percobaan adalah

Dosis 1 = 4.4%

Dosis 2 = 8.8%

Dosis 3 = 17.6%

Lampiran 2

Prosedur Pembuatan Infusa Cacing Tanah

1. Haluskan cacing tanah yang telah dikeringkan menggunakan blender.
2. Timbang cacing tanah sebanyak 17.6 g.
3. Campurkan cacing tanah yang telah ditimbang dengan 100 ml aqudest dalam panci infusa.
4. Panaskan panci infusa, tunggu sampai keluar asap dari pinggiran panci infusa, lalu mulai hitung waktu selama 15 menit.
5. Saring campuran infusa cacing tanah tersebut, sampai 100 ml.
6. Infusa cacing tanah siap digunakan untuk dosis 3, sedangkan dosis 1 dan 2 perlu diencerkan dahulu.

Lampiran 3

Hasil Pengamatan Mencit Selama 2.5 Jam

	Suhu basal	vaksin campak	30'	60'	90'	120'	150'
Kontrol +	35.3	38.7	38	37.1	36.3	35.9	35.9
	35.2	37.7	37	37.5	36.5	36	35.9
	35.7	38.3	37.6	37.4	36.5	35.9	35.9
	36.1	38.8	38.1	37.6	36.9	35.9	36
	36.4	39.4	38.5	37.2	36.4	36	36
	36.4	37.9	37	37	36.3	36.3	36.3
	35.85	38.46666667	37.7	37.3	36.48333	36	36
Kontrol -	34	38.1	38.1	38.3	38.2	38.3	38.4
	33	37.9	38	38.2	38.2	38.2	38.2
	35.3	38	38	38.1	38.1	38.2	38.1
	35.1	38.1	38.3	38.8	38.8	38.8	38.9
	36	38	38.3	38.6	38.5	38.4	38.5
	35.1	38.5	38.7	39	39	39	39
	34.75	38.1	38.23333	38.5	38.46667	38.48333	38.51667
Dosis 1	35	38.5	38.4	37.9	37.5	37	36.8
	34.3	37.5	37.5	37.2	37.2	37.4	37
	36.2	38.5	38.3	37.8	37.4	37.1	36.7
	36.1	37.9	37.9	37.6	37.3	37	36.5
	36.5	38.2	37.9	37.7	37.1	37.2	36.7
	37	38.5	38.5	38.1	37.4	37	37
	35.85	38.18333333	38.08333	37.71667	37.31667	37.11667	36.78333
Dosis 2	33.8	38.6	38.3	37.6	37	36.8	36.2
	34.7	37.8	37.7	37.1	36.7	36.3	35.9
	34.3	37.7	37.6	37.3	37.2	36.9	36.3
	35.5	38.5	38.2	37.4	36.9	36.5	36
	35.6	38.7	38.6	37.5	37.2	36.7	36
	34.8	38.1	38.2	37.9	37.1	37	36.3
	34.783333	38.23333333	38.1	37.46667	37.01667	36.7	36.11667
Dosis 3	34.3	38.2	37.7	36.8	36.4	36	36
	35.1	39.2	38.8	38	36.4	36	36
	35.2	37.9	37.4	37	35.9	35.9	35.9
	35.5	38.8	38.1	37.3	36.4	35.6	35.7
	36.1	38.2	38	37.3	35.9	36.2	36.2
	35	39.1	38.5	37.7	36	36	36
	35.2	38.56666667	38.08333	37.35	36.16667	35.95	35.96667

Lampiran 4

Hasil ANAVA Satu Arah Suhu Rerata Selama 2.5 Jam

Oneway

Descriptives

Hasil	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					kontrol +	6		
kontrol -	6	37.8645	.35388	.14447	37.4931	38.2359	37.39	38.33
dosis 1	6	37.4263	.13871	.05663	37.2808	37.5719	37.29	37.64
dosis 2	6	36.9167	.21224	.08665	36.6939	37.1394	36.60	37.19
dosis3	6	36.7547	.24085	.09833	36.5019	37.0074	36.46	37.07
Total	30	37.1582	.48724	.08896	36.9762	37.3401	36.46	38.33

Test of Homogeneity of Variances

Hasil	Levene Statistic	df1	df2	Sig.
	2.256	4	25	.092

ANOVA

Hasil	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5.403	4	1.351	22.796	.000
Within Groups	1.481	25	.059		
Total	6.885	29			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Hasil

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol +	kontrol -	-1.03583*	.14054	.000	-1.4486	-.6231
	dosis 1	-.59767*	.14054	.002	-1.0104	-.1849
	dosis 2	-.08800	.14054	.969	-.5008	.3248
	dosis3	.07400	.14054	.984	-.3388	.4868
kontrol -	kontrol +	1.03583*	.14054	.000	.6231	1.4486
	dosis 1	.43817*	.14054	.034	.0254	.8509
	dosis 2	.94783*	.14054	.000	.5351	1.3606
	dosis3	1.10983*	.14054	.000	.6971	1.5226
dosis 1	kontrol +	.59767*	.14054	.002	.1849	1.0104
	kontrol -	-.43817*	.14054	.034	-.8509	-.0254
	dosis 2	.50967*	.14054	.010	.0969	.9224
	dosis3	.67167*	.14054	.001	.2589	1.0844
dosis 2	kontrol +	.08800	.14054	.969	-.3248	.5008
	kontrol -	-.94783*	.14054	.000	-1.3606	-.5351
	dosis 1	-.50967*	.14054	.010	-.9224	-.0969
	dosis3	.16200	.14054	.777	-.2508	.5748
dosis3	kontrol +	-.07400	.14054	.984	-.4868	.3388
	kontrol -	-1.10983*	.14054	.000	-1.5226	-.6971
	dosis 1	-.67167*	.14054	.001	-1.0844	-.2589
	dosis 2	-.16200	.14054	.777	-.5748	.2508

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

Homogeneous Subsets

		Hasil		
Tukey HSD ^a		Subset for alpha = .05		
Kelompok	N	1	2	3
dosis3	6	36.7547		
kontrol +	6	36.8287		
dosis 2	6	36.9167		
dosis 1	6		37.4263	
kontrol -	6			37.8645
Sig.		.777	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Lampiran 5

Hasil Perhitungan Uji t Berpasangan Suhu Sesudah Induksi Vaksin Campak**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	SEBELUM	35.287	30	.8993	.1642
	SESUDAH	38.310	30	.4678	.0854

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	SEBELUM & SESUDAH	30	.285	.127

Paired Samples Test

		Paired Differences							
		Mean	SD	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
					Lower	Upper			
Pair 1	SBLM - SSDH	-3.023	.8877	.1621	-3.355	-2.692	-18.654	29	.000

Lampiran 6

Hasil Analisis Suhu Dengan Interval 30 Menit Selama 2.5 Jam**Hasil Analisis Suhu Mencit Pada Pengamatan menit ke-30****Descriptives**

HASIL		95% Confidence Interval for Mean							
	N	Mean	Std. Deviation	Std. Error	Lower Bound	Upper Bound	Minimum	Maximum	
kontrol (+)	6	37.700	.6132	.2503	37.056	38.344	37.0	38.5	
kontrol (-)	6	38.233	.2658	.1085	37.954	38.512	38.0	38.7	
Dos 1	6	38.083	.3817	.1558	37.683	38.484	37.5	38.5	
Dos 2	6	38.100	.3795	.1549	37.702	38.498	37.6	38.6	
Dos 3	6	38.083	.5115	.2088	37.547	38.620	37.4	38.8	
Total	30	38.040	.4530	.0827	37.871	38.209	37.0	38.8	

Test of Homogeneity of Variances

HASIL				
Levene	Statistic	df1	df2	Sig.
	1.505	4	25	.231

ANOVA

HASIL					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.962	4	.241	1.205	.333
Within Groups	4.990	25	.200		
Total	5.952	29			

Post Hoc Tests**Homogeneous Subsets**

HASIL			
Tukey B ^a			
KELOMPOK	N	Subset for alpha = .05	
		1	
kontrol (+)	6	37.700	
Dos 1	6	38.083	
Dos 3	6	38.083	
Dos 2	6	38.100	
kontrol (-)	6	38.233	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Hasil Analisis Suhu Mencit Pada Pengamatan menit ke-60

Descriptives

HASIL	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol (+)	6	37.300	.2366	.0966	37.052	37.548	37.0	37.6
kontrol (-)	6	38.500	.3578	.1461	38.125	38.875	38.1	39.0
Dos 1	6	37.717	.3061	.1249	37.395	38.038	37.2	38.1
Dos 2	6	37.467	.2733	.1116	37.180	37.753	37.1	37.9
Dos 3	6	37.350	.4416	.1803	36.887	37.813	36.8	38.0
Total	30	37.667	.5435	.0992	37.464	37.870	36.8	39.0

Test of Homogeneity of Variances

HASIL				
Levene Statistic	df1	df2	Sig.	
.759	4	25	.562	

ANOVA

HASIL						
	Sum of Squares	df	Mean Square	F	Sig.	
Between Groups	5.830	4	1.457	13.315	.000	
Within Groups	2.737	25	.109			
Total	8.567	29				

Post Hoc Tests

Homogeneous Subsets

HASIL				
Tukey B ^a				
KELOMPOK	N	Subset for alpha = .05		
		1	2	
kontrol (+)	6	37.300		
Dos 3	6	37.350		
Dos 2	6	37.467		
Dos 1	6	37.717		
kontrol (-)	6		38.500	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Hasil Analisis Suhu Mencit Pada Pengamatan menit ke-90

Descriptives

HASIL

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol (+)	6	36.483	.2229	.0910	36.249	36.717	36.3	36.9
kontrol (-)	6	38.467	.3670	.1498	38.082	38.852	38.1	39.0
Dos 1	6	37.317	.1472	.0601	37.162	37.471	37.1	37.5
Dos 2	6	37.017	.1941	.0792	36.813	37.220	36.7	37.2
Dos 3	6	36.167	.2582	.1054	35.896	36.438	35.9	36.4
Total	30	37.090	.8426	.1538	36.775	37.405	35.9	39.0

Test of Homogeneity of Variances

HASIL

Levene Statistic	df1	df2	Sig.
2.537	4	25	.065

ANOVA

HASIL

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	19.035	4	4.759	76.673	.000
Within Groups	1.552	25	.062		
Total	20.587	29			

Post Hoc Tests

Homogeneous Subsets

HASIL

Tukey B^a

KELOMPOK	N	Subset for alpha = .05		
		1	2	3
Dos 3	6	36.167		
kontrol (+)	6	36.483		
Dos 2	6		37.017	
Dos 1	6		37.317	
kontrol (-)	6			38.467

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Hasil Analisis Suhu Mencit Pada Pengamatan menit ke-120

Descriptives

HASIL	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol (+)	6	36.000	.1549	.0632	35.837	36.163	35.9	36.3
kontrol (-)	6	38.483	.3371	.1376	38.130	38.837	38.2	39.0
Dos 1	6	37.117	.1602	.0654	36.949	37.285	37.0	37.4
Dos 2	6	36.700	.2608	.1065	36.426	36.974	36.3	37.0
Dos 3	6	35.950	.1975	.0806	35.743	36.157	35.6	36.2
Total	30	36.850	.9670	.1765	36.489	37.211	35.6	39.0

Test of Homogeneity of Variances

HASIL				
Levene Statistic	df1	df2	Sig.	
2.006	4	25	.124	

ANOVA

HASIL					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	25.763	4	6.441	119.128	.000
Within Groups	1.352	25	.054		
Total	27.115	29			

Post Hoc Tests Homogeneous Subsets

HASIL					
Tukey B ^a					
KELOMPOK	N	Subset for alpha = .05			
		1	2	3	4
Dos 3	6	35.950			
kontrol (+)	6	36.000			
Dos 2	6		36.700		
Dos 1	6			37.117	
kontrol (-)	6				38.483

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Hasil Analisis Suhu Mencit Pada Pengamatan menit ke-150

Descriptives

HASIL

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol (+)	6	36.000	.1549	.0632	35.837	36.163	35.9	36.3
kontrol (-)	6	38.517	.3656	.1493	38.133	38.900	38.1	39.0
Dos 1	6	36.717	.2787	.1138	36.424	37.009	36.3	37.0
Dos 2	6	36.117	.1722	.0703	35.936	36.297	35.9	36.3
Dos 3	6	35.967	.1633	.0667	35.795	36.138	35.7	36.2
Total	30	36.663	1.0074	.1839	36.287	37.039	35.7	39.0

Test of Homogeneity of Variances

HASIL

Levene Statistic	df1	df2	Sig.
2.307	4	25	.086

ANOVA

HASIL

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	27.971	4	6.993	119.877	.000
Within Groups	1.458	25	.058		
Total	29.430	29			

Post Hoc Tests

Homogeneous Subsets

HASIL

Tukey B^a

KELOMPOK	N	Subset for alpha = .05		
		1	2	3
Dos 3	6	35.967		
kontrol (+)	6	36.000		
Dos 2	6	36.117		
Dos 1	6		36.717	
kontrol (-)	6			38.517

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.