

BIODATA MAHASISWA BIMBINGAN SKRIPSI FK UKI
TAHUN AKADEMIK 2018-2019

Nama Mahasiswa : Peni Miranda Ginting
NIM : 1561050020
Tempat/ Tanggal lahir : Pontianak, 29 Juni 1996

RIWAYAT PENDIDIKAN

SD : SD GKKB Sungai Pinyuh
SMP : SMP Negeri 1 Sungai Pinyuh
SMA : SMA Negeri 1 Sungai Pinyuh
UNIVERSITAS : Universitas Kristen Indonesia, Jakarta

JUDUL SKRIPSI :

ANALISIS KADAR HEMOGLOBIN TIKUS PUTIH BETINA (*Rattus norvegicus*) SEBELUM DAN SESUDAH INTERVENSI EKSTRAK DAUN SIRIH (*Piper betle L.*)

LAMPIRAN

1. Data Kadar Hb Sebelum dan Pasca Intervensi

Perlakuan	Hb-0	Hb-7	Hb-14
1	16.37	15.60	16.06
1	16.11	14.88	15.27
1	15.21	14.73	14.57
1	14.94	14.57	14.20
1	14.31	14.24	14.02
1	14.25	14.40	14.10
2	16.67	16.17	14.94
2	15.82	15.15	14.49
2	15.52	14.83	14.27
2	15.05	14.13	14.16
2	14.79	13.57	13.98
2	15.90	15.30	14.98
3	16.22	14.13	15.45
3	15.67	14.98	14.25
3	15.80	13.91	13.65
3	15.38	14.53	13.54
3	14.53	13.68	13.49
3	14.16	13.62	13.43
4	16.63	14.60	14.72
4	16.63	14.60	14.72
4	15.97	14.24	13.98
4	15.71	13.76	13.98
4	14.75	13.68	13.35
4	14.60	12.88	13.06

2. Data BB sebelum dan Pasca Intervensi

BB-0	BB-7	BB-14
125	133	145
124	131	139
123	129	136
120	124	131
122	123	140
117	123	128
110	150	145
160	165	120
135	150	152
134	149	145
131	138	140
118	125	130
114	125	127
151	146	160
129	146	156
121	135	152
118	134	141
116	131	133
142	155	162
130	150	152
130	136	147
123	130	134
130	150	162
150	160	125

3. Hasil pengolahan SPSS

1. Sebelum dan Pasca 7 hari Intervensi

a. Perlakuan 1 (K1)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-0 * Hb-7	6	100,0%	0	0,0%	6	100,0%

Hb-0 * Hb-7 Crosstabulation

Count		Hb-7						Total
		14,20	14,40	14,60	14,70	14,90	15,60	
Hb-0	14,20	0	1	0	0	0	0	1
	14,30	1	0	0	0	0	0	1
	14,90	0	0	1	0	0	0	1
	15,20	0	0	0	1	0	0	1
	16,10	0	0	0	0	1	0	1
	16,40	0	0	0	0	0	1	1
Total		1	1	1	1	1	1	6

Chi-Square Tests

	Value	Df	Asymp. Sig. (2-sided)
Pearson Chi-Square	30,000 ^a	25	,224
Likelihood Ratio	21,501	25	,664
Linear-by-Linear Association	4,217	1	,040
N of Valid Cases	6		

a. 36 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

b. Perlakuan 2 (K2)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-0 * Hb-7	6	100,0%	0	0,0%	6	100,0%

Hb-0 * Hb-7 Crosstabulation

Count

		Hb-7						Total
		13,60	14,10	14,80	15,20	15,30	16,20	
Hb-0	14,80	1	0	0	0	0	0	1
	15,00	0	1	0	0	0	0	1
	15,50	0	0	1	0	0	0	1
	15,80	0	0	0	1	0	0	1
	15,90	0	0	0	0	1	0	1
	16,70	0	0	0	0	0	1	1
Total		1	1	1	1	1	1	6

Chi-Square Tests

	Value	Df	Asymp. Sig. (2-sided)
Pearson Chi-Square	30,000 ^a	25	,224
Likelihood Ratio	21,501	25	,664
Linear-by-Linear Association	4,923	1	,027
N of Valid Cases	6		

a. 36 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

c. Perlakuan 3 (K3)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-0 * Hb-7	6	100,0%	0	0,0%	6	100,0%

Hb-0 * Hb-7 Crosstabulation

Count

	Hb-7						Total
	13,60	13,70	13,90	14,10	14,50	15,00	
14,20	1	0	0	0	0	0	1
14,50	0	1	0	0	0	0	1
15,40	0	0	0	0	1	0	1
15,70	0	0	0	0	0	1	1
15,80	0	0	1	0	0	0	1
16,20	0	0	0	1	0	0	1
Total	1	1	1	1	1	1	6

Chi-Square Tests

	Value	Df	Asymp. Sig. (2-sided)
Pearson Chi-Square	30,000 ^a	25	,224
Likelihood Ratio	21,501	25	,664
Linear-by-Linear Association	1,572	1	,210
N of Valid Cases	6		

a. 36 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

d. Perlakuan 4 (K4)**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-0 * Hb-7	6	100,0%	0	0,0%	6	100,0%

Hb-0 * Hb-7 Crosstabulation

Count

		Hb-7					Total
		12,90	13,70	13,80	14,20	14,60	
Hb-0	14,60	1	0	0	0	0	1
	14,80	0	1	1	0	0	2
	15,70	0	0	1	0	0	1
	16,00	0	0	0	1	0	1
	16,60	0	0	0	0	1	1
Total		1	1	2	1	1	6

Chi-Square Tests

	Value	Df	Asymp. Sig. (2-sided)
Pearson Chi-Square	19,500 ^a	16	,244
Likelihood Ratio	15,956	16	,456
Linear-by-Linear Association	3,728	1	,054
N of Valid Cases	6		

a. 25 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

2. Sebelum dan Pasca 14 hari Intervensi

a. Perlakuan 1 (K1)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-0 * Hb-14	6	100,0%	0	0,0%	6	100,0%

Hb-0 * Hb-14 Crosstabulation

Count

	Hb-14						Total
	14,00	14,10	14,20	14,60	15,30	16,10	
14,20	0	1	0	0	0	0	1
14,30	1	0	0	0	0	0	1
Hb-0 14,90	0	0	1	0	0	0	1
15,20	0	0	0	1	0	0	1
16,10	0	0	0	0	1	0	1
16,40	0	0	0	0	0	1	1
Total	1	1	1	1	1	1	6

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	30,000 ^a	25	,224
Likelihood Ratio	21,501	25	,664
Linear-by-Linear Association	4,561	1	,033
N of Valid Cases	6		

a. 36 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

b. Perlakuan 2 (K2)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-0 * Hb-14	6	100,0%	0	0,0%	6	100,0%

Hb-0 * Hb-14 Crosstabulation

Count

		Hb-14						Total
		14,00	14,20	14,30	14,50	14,90	15,00	
Hb-0	14,80	1	0	0	0	0	0	1
	15,00	0	1	0	0	0	0	1
	15,50	0	0	1	0	0	0	1
	15,80	0	0	0	1	0	0	1
	15,90	0	0	0	0	0	1	1
	16,70	0	0	0	0	1	0	1
Total		1	1	1	1	1	1	6

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	30,000 ^a	25	,224
Likelihood Ratio	21,501	25	,664
Linear-by-Linear Association	3,835	1	,050
N of Valid Cases	6		

a. 36 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

c. Perlakuan 3 (K3)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-0 * Hb-14	6	100,0%	0	0,0%	6	100,0%

Hb-0 * Hb-14 Crosstabulation

Count

		Hb-14					Total
		13,40	13,50	13,60	14,20	15,40	
Hb-0	14,20	1	0	0	0	0	1
	14,50	0	1	0	0	0	1
	15,40	0	1	0	0	0	1
	15,70	0	0	0	1	0	1
	15,80	0	0	1	0	0	1
	16,20	0	0	0	0	1	1
Total		1	2	1	1	1	6

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	24,000 ^a	20	,242
Likelihood Ratio	18,729	20	,540
Linear-by-Linear Association	2,507	1	,113
N of Valid Cases	6		

a. 30 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

d. Perlakuan 4 (K4)**Case Processing Summary**

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-0 * Hb-14	6	100,0%	0	0,0%	6	100,0%

Hb-0 * Hb-14 Crosstabulation

Count

	Hb-14					Total
	13,10	13,40	13,50	14,00	14,70	
14,60	1	0	0	0	0	1
14,80	0	1	1	0	0	2
Hb-0 15,70	0	0	0	1	0	1
16,00	0	0	0	1	0	1
16,60	0	0	0	0	1	1
Total	1	1	1	2	1	6

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	18,000 ^a	16	,324
Likelihood Ratio	15,956	16	,456
Linear-by-Linear Association	4,750	1	,029
N of Valid Cases	6		

a. 25 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

3. Pasca 7 hari Intervensi ke Pasca 14 hari Intervensi

a. Perlakuan 1 (K₁)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-7 * Hb-14	6	100,0%	0	0,0%	6	100,0%

Hb-7 * Hb-14 Crosstabulation

Count		Hb-14						Total
		14,00	14,10	14,20	14,60	15,30	16,10	
		1	0	0	0	0	0	1
Hb-7	14,20	1	0	0	0	0	0	1
	14,40	0	1	0	0	0	0	1
	14,60	0	0	1	0	0	0	1
	14,70	0	0	0	1	0	0	1
	14,90	0	0	0	0	1	0	1
	15,60	0	0	0	0	0	1	1
Total		1	1	1	1	1	1	6

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	30,000 ^a	25	,224
Likelihood Ratio	21,501	25	,664
Linear-by-Linear Association	4,679	1	,031
N of Valid Cases	6		

a. 36 cells (100,0%) have expected count less than 5. The minimum expected count is,17.

b. Perlakuan 2 (K2)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-7 * Hb-14	6	100,0%	0	0,0%	6	100,0%

Hb-7 * Hb-14 Crosstabulation

Count		Hb-14						Total
		14,00	14,20	14,30	14,50	14,90	15,00	
Hb-7	13,60	1	0	0	0	0	0	1
	14,10	0	1	0	0	0	0	1
	14,80	0	0	1	0	0	0	1
	15,20	0	0	0	1	0	0	1
	15,30	0	0	0	0	0	1	1
	16,20	0	0	0	0	1	0	1
Total		1	1	1	1	1	1	6

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	30,000 ^a	25	,224
Likelihood Ratio	21,501	25	,664
Linear-by-Linear Association	3,927	1	,048
N of Valid Cases	6		

a. 36 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

c. Perlakuan 3 (K3)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-7 * Hb-14	6	100,0%	0	0,0%	6	100,0%

Hb-7 * Hb-14 Crosstabulation

Count

	Hb-14					Total
	13,40	13,50	13,60	14,20	15,40	
Hb-7 13,60	1	0	0	0	0	1
13,70	0	1	0	0	0	1
13,90	0	0	1	0	0	1
14,10	0	0	0	0	1	1
14,50	0	1	0	0	0	1
15,00	0	0	0	1	0	1
Total	1	2	1	1	1	6

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	24,000 ^a	20	,242
Likelihood Ratio	18,729	20	,540
Linear-by-Linear Association	,388	1	,533
N of Valid Cases	6		

a. 30 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

d. Perlakuan 4 (K4)

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Hb-7 * Hb-14	6	100,0%	0	0,0%	6	100,0%

Hb-7 * Hb-14 Crosstabulation

Count

		Hb-14					Total
		13,10	13,40	13,50	14,00	14,70	
Hb-7	12,90	1	0	0	0	0	1
	13,70	0	1	0	0	0	1
	13,80	0	0	1	1	0	2
	14,20	0	0	0	1	0	1
	14,60	0	0	0	0	1	1
Total		1	1	1	2	1	6

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	19,500 ^a	16	,244
Likelihood Ratio	15,956	16	,456
Linear-by-Linear Association	4,131	1	,042
N of Valid Cases	6		

a. 25 cells (100,0%) have expected count less than 5. The minimum expected count is ,17.

4. Correlations

Correlations

		Perlakuan	Hb-0	Hb-7	Hb-14
Perlakuan	Pearson Correlation	1	,057	-,525**	-,522**
	Sig. (2-tailed)		,790	,008	,009
	N	24	24	24	24
Hb-0	Pearson Correlation	,057	1	,656**	,699**
	Sig. (2-tailed)	,790		,001	,000
	N	24	24	24	24
Hb-7	Pearson Correlation	-,525**	,656**	1	,739**
	Sig. (2-tailed)	,008	,001		,000
	N	24	24	24	24
Hb-14	Pearson Correlation	-,522**	,699**	,739**	1
	Sig. (2-tailed)	,009	,000	,000	
	N	24	24	24	24

** . Correlation is significant at the 0.01 level (2-tailed).

5. Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Hb-0	1	6	11,08
	2	6	14,75
	3	6	11,58
	4	6	12,58
	Total	24	
Hb-7	1	6	16,50
	2	6	16,17
	3	6	9,75
	4	6	7,58
	Total	24	
Hb-14	1	6	16,58
	2	6	16,25
	3	6	9,42
	4	6	7,75
	Total	24	

Test Statistics^{a,b}

	Hb-0	Hb-7	Hb-14
Chi-Square	,953	7,361	7,599
Df	3	3	3
Asymp. Sig.	,813	,061	,055

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

6. Oneway

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	
					Lower Bound	Upper Bound			
Hb-0	1	6	15,1833	,91086	,37186	14,2274	16,1392	14,20	16,40
	2	6	15,6167	,68532	,27978	14,8975	16,3359	14,80	16,70
	3	6	15,3000	,78486	,32042	14,4763	16,1237	14,20	16,20
	4	6	15,4167	,80602	,32906	14,5708	16,2625	14,60	16,60
	Total	24	15,3792	,76441	,15604	15,0564	15,7020	14,20	16,70
Hb-7	1	6	14,7333	,48854	,19944	14,2206	15,2460	14,20	15,60
	2	6	14,8667	,92448	,37742	13,8965	15,8369	13,60	16,20
	3	6	14,1333	,53166	,21705	13,5754	14,6913	13,60	15,00
	4	6	13,8333	,56804	,23190	13,2372	14,4295	12,90	14,60
	Total	24	14,3917	,74654	,15239	14,0764	14,7069	12,90	16,20
Hb-14	1	6	14,7167	,82805	,33805	13,8477	15,5857	14,00	16,10
	2	6	14,4833	,39707	,16210	14,0666	14,9000	14,00	15,00
	3	6	13,9333	,77374	,31588	13,1213	14,7453	13,40	15,40
	4	6	13,7833	,57067	,23298	13,1844	14,3822	13,10	14,70
	Total	24	14,2292	,73335	,14970	13,9195	14,5388	13,10	16,10

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Hb-0	,313	3	20	,815
Hb-7	1,078	3	20	,381
Hb-14	1,088	3	20	,377

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Hb-0	Between Groups	,615	3	,205	,319	,811
	Within Groups	12,825	20	,641		
	Total	13,440	23			
Hb-7	Between Groups	4,325	3	1,442	3,395	,076
	Within Groups	8,493	20	,425		
	Total	12,818	23			
Hb-14	Between Groups	3,531	3	1,177	2,664	,038
	Within Groups	8,838	20	,442		
	Total	12,370	23			

7. Lampiran Kegiatan





8. Identifikasi daun sirih



LIPI

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SNI ISO 9001:2015 Certificate # MCI-QMS/501

Nomor : **102** /IPH.1.01/If.07/1/2019

Lampiran : -

Perihal : Hasil identifikasi/determinasi Tumbuhan

Cibinong, 29 Januari 2019

Kepada Yth.
Bpk./Ibu/Sdr(i). **Peni Miranda Ginting**
Mhs. Fk. UKI
Jakarta

Dengan hormat,

Bersama ini kami sampaikan hasil identifikasi/determinasi tumbuhan yang Saudara kirimkan ke "Herbarium Bogoriense", Bidang Botani Pusat Penelitian Biologi-LIPI Bogor, adalah sebagai berikut :

No.	No. Kol.	Jenis	Suku
1	Daun Sirih	<i>Piper betle</i> L.	Piperaceae

Demikian, semoga berguna bagi Saudara.



Kepala Bidang Botani
Pusat Penelitian Biologi-LIPI,
Dr. Joeni Setiyo Rahajoe
NIP. 196706241993032004



Universitas Kristen Indonesia
Fakultas Kedokteran
THE ETHICS REVIEW COMMITTEE

Ethical Clearance
No. 24/Etik Penelitian/FKUKI/2018

The Ethics Review Committee Faculty of Medical Christian University Indonesia after Reviewing proposal entitled :

With the following :

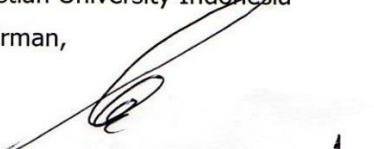
Title	: Analisis Kadar HB Sebelum dan Sesudah Intervensi Ekstrak Daun Sirih (<i>Piper betle</i> L)
Reasercher	: Peni Miranda Ginting
Address	: Fakultas Kedokteran UKI Jl. Mayjen Sutoyo No.2, Cawang – Jakarta Timur

Stated the research has met ethical requirements to be implemented, based on The Indonesia National Guideliness on Health Research Ethic, Ministry of Health 2007

Faculty of Medical
 Christian University Indonesia
 Dean,


 Dr. dr. Robert Hotman Sirait, Sp.An
 NIP UKI. 031545

Jakarta, 11 Desember 2018
 The Ethics Review Committee
 Faculty of Medical
 Christian University Indonesia
 Chairman,


 Dr. dr. Ago Harlim, MARS., Sp.KK
 NIP UKI. 141 156