BAB V

KESIMPULAN DAN SARAN

A. Kesimpulan

Berdasarkan dari hasil penelitian dan pembahasan dapat ditarik kesimpulan sebagai berikut:

1. Pemberian minyak kayu manis (*Cinnamomum burmanni* Nees ex Bl.) selama 1 bulan pada tikus putih jantan Galur Wistar tidak menyebabkan perubahan pada jumlah eritrosit, leukosit, trombosit dan persen hematokrit.

2. Pemberian minyak kayu manis (*Cinnamomum burmanni* Nees ex Bl.) pada dosis yang semakin besar tidak memiliki efek toksisitas yang semakin besar pula.

B. Saran

Berdasarkan analisis data dan kesimpulan, penulis memberikan saran yaitu perlu dilakukan penelitian lebih lanjut tentang toksisitas subkronik yaitu mengenai waktu pemberian minyak kayu manis yang lebih lama dan adanya peningkatan dosis serta perlu ada penelitian lebih lanjut dengan menggunakan bahan/ kulit kayu manis yang basah.

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Lampiran 1. Surat keterangan hasil determinasi

UNIVERSITAS SETIA BUDI

UPT- LABORATORIUM

No   : 035/DET/UPT-LAB/06/III/2013
Hal   : Surat Keterangan Determinasi Tumbuhan

Menerangkan bahwa :
Nama   : Yolanda Christy Sugiarto
NIM   : 15092803 A
Fakultas   : Farmasi Universitas Setia Budi

Telah mendeterminasikan tumbuhan : Kayu manis (*Cinnamomum burmanni* Nees ex Bl.)

Hasil determinasi berdasarkan : Backer: FLORA OF JAVA

1b – 2b – 3b – 4b – 12b – 13b – 14b – 17b – 18b – 19b – 20b – 21b – 22b – 23b – 24b – 25b –

26b – 27a – 799b – 800b – 801b – 802b – 806b – 807b – 809b – 810b – 811b – 825b – 826b –

827c – 828c – 829b – 830b – 831b – 832b – 833b – 834a – 835a – 836a – 837c – 851a – 852b –

853b – 854a – 855c – 856a – 857a – 858a – 859b. familia 12. Lauraceae. 1b – 2b – 6b – 8b.

Cinnamomum. 1a – 2b – 5a – 6b. *Cinnamomum burmanni* Nees ex Bl.

Deskripsi:

Habitus : Pohon, tinggi dapat mencapai 15 meter.

Batang   : Berkayu, percabangan monopodial.

Daun   : Tunggal, bangun lanset, ujung runcing, pangkal runcing, permukaan atas berwarna hijau tua, permukaan bawah hijau muda, tulang daun melengkung,

Bunga   : Majemuk, malai tumbuh di ketiak daun, berwarna kuning.

Buah   : buni, waktu masih muda berwarna hijau, setelah tua berwarna hitam.

Akar   : Sistem akar tunggang.

Pustaka : Backer C.A. & Brink R.C.B. (1965): *Flora of Java* (Spermatophytes only).
            N.V.P. Noordhoff – Groningen – The Netherlands

Surakarta, 06 Maret 2013
Tim determinasi

Dra.Kartinah Wiryosoendjojo, SU.

Jl. Let.jen Sutoyo, Mojosongo-Solo 57127 Telp.0271-852518, Fax.0271-853275
Homepage : www.setiabudi.ac.id, e-mail : usbsolo@yahoo.com

Lampiran 2. Tanaman kayu manis dan kulit batang kayu manis

Tanaman kayu manis

Kulit Batang Kayu Manis

Kulit batang kayu manis yg sudah dipotong-

potong

Lampiran 3. Peralatan dan perlengkapan dalam penelitian

Alat destilasi uap dan air

Refraktometer

Mikroskop

Bilik hitung

Mikro sentrifuse

Mikrohematocrit reader

Lampiran 4. Pemisahan minyak atsiri kulit batang kayu manis

Pemisahan minyak dan air
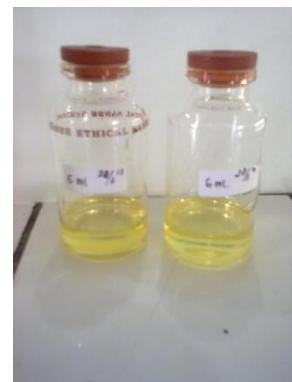
Minyak atsiri murni

Lampiran 5. Perhitungan kadar minyak atsiri kulit batang kayu manis

Bahan yang digunakan sebanyak 20 kg kulit kayu manis

Bobat simplisia kayu manis (gram)	Volume minyak atsiri (ml)	Kadar (%)
2000	4	0,2
2000	4	0,2
2000	4	0,2
2000	4	0,2
2000	4	0,2
2000	4	0,2
2000	4	0,2
2000	4	0,2
2000	4	0,2
2000	4	0,2
	Rata-rata	0,2

Perhitungan % kadar :

$$\% \ \text{Rendemen} = \frac{Volume \ minyak}{bobot \ sampel} \times 100 \ \%$$

1. $\frac{4}{2000} \times 100 \ \% = 0,2 \ \%$

2. $\frac{4}{2000} \times 100\% = 0,2 \ \%$

Jadi , kadar minyak atsiri kayu manis (*Cinnamommum burmanni* Nees ex Bl.)

adalah 0,2 %

Lampiran 6. Identifikasi minyak atsiri kulit batang kayu manis
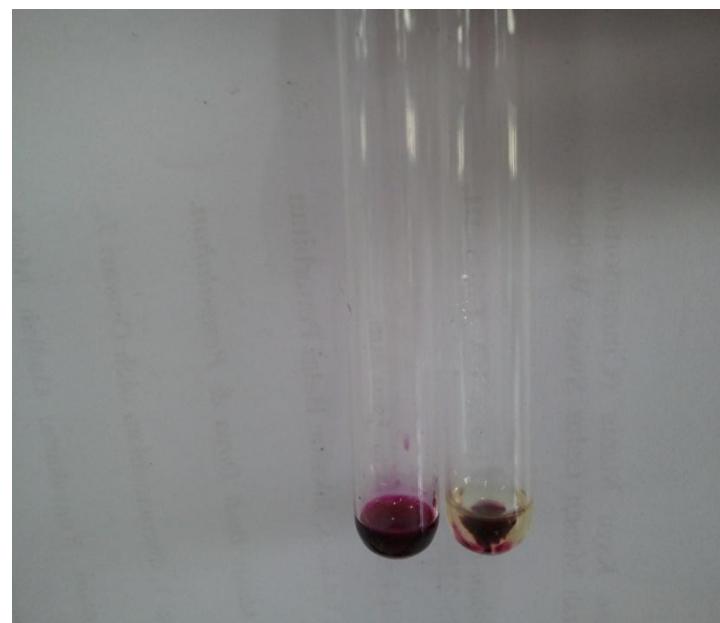
Hasil uji identifikasi minyak atsiri kulit batang kayu manis dengan sudan III

Hasil identifikasi minyak atsiri menyebar dan permukaan air tidak keruh

Hasil uji identifikasi minyak atsiri kulit batang kayu manis dengan kertas saring

Hasil pemeriksaan indeks bias minyak atsiri kulit batang kayu manis

Lampiran 7. Perhitungan indeks bias minyak atsiri kulit batang kayu manis

Indeks bias praktek (25ºC)	Indeks bias pustaka (20ºC)
1,574	1,559-1,595

Perhitungan konversi suhu ruang dalam pemeriksaan indeks bias:

Faktor konversi suhu pada setiap kenaikan 1ºC = 0,0004

Indeks bias teoritis 20ºC = 1,559-1,595

Suhu ruang Praktek 25ºC

Perhitungan :

$= ((25\text{-}20) \times 0,0004)$

$= 0,002$

Jadi indeks bias teoritis pada suhu 25ºC adalah

$= (1,559 + 0,002) - (1,595 + 0,002)$

$= 1,561 - 1,597$

Indeks bias menurut praktek adalah 1,574

Jadi, Indeks bias menurut praktek sama dengan indeks bias menurut pustaka.

Lampiran 8. Perhitungan bobot jenis minyak atsiri kulit batang kayu manis

Botol timbang kosong (g)	Botol timbang + air (g)	Botol timbang + minyak (g)	Bobot minyak (g)
26,993	31,905	31, 734	4,741
26,993	31,820	31,913	4,920
26,993	31,787	32,075	5,082

Perhitungan bobot jenis:

Botol timbang + air   = 31,905 g

<u>Botol timbang kosong</u>= 26,993 g −

Bobot air   = 4,912 g

Bobot jenis minyak atsiri $= \dfrac{bobot\ minyak\ (gram)}{bobot\ air\ (ml)}$

$$= \dfrac{4,741\ (gram)}{4,912\ (ml)}$$

$$= 0,965\ \dfrac{gram}{ml}$$

Botol timbang + air   = 31,820 g

<u>Botol timbang kosong</u>= 26,993 g −

Bobot air   = 4,827 g

Bobot jenis minyak atsiri $= \dfrac{bobot\ minyak\ (gram)}{bobot\ air\ (ml)}$

$$= \dfrac{4,920\ (gram)}{4,827\ (ml)}$$

$$= 1,019\ \dfrac{gram}{ml}$$

Botol timbang + air   = 31,787 g

<u>Botol timbang kosong</u> = 26,993 g −

Bobot air   = 4,794 g

Bobot jenis minyak atsiri $= \dfrac{bobot\ minyak\ (gram)}{bobot\ air\ (ml)}$

$= \dfrac{5{,}082\ (gram)}{4{,}794\ (ml)}$

$= 1{,}060\ \dfrac{gram}{ml}$

Rata-rata bobot jenis minyak atsiri kayu manis $= \dfrac{0{,}965 + 1{,}019 + 1{,}060}{3}$

$= 1{,}015\ \dfrac{gram}{ml}$

Jadi bobot jenis minyak atsiri adalah 1,015%

Perhitungan konversi suhu ruang dalam percobaan bobot jenis:

Faktor konversi suhu pada setiap kenaikan 1℃ = 0,0007

Berat jenis teoritis 20℃ = 1,008 – 1,030

Suhu ruang praktek = 25℃

Perhitungan:

(25-20) x 0,0007 = 0,0035

Jadi, bobot jenis teoritis pada suhu 25℃ = (1,008 + 0,0035) – (1,030 + 0,0035)

$= 1{,}0115 - 1{,}0335$

Bobot jenis menurut praktek adalah 1, 015 $\dfrac{gram}{ml}$

Jadi bobot jenis praktek sesuai dengan bobot jenis menurut pustaka.

Lampiran 9. Perhitungan dosis

Dosis minyak kayu manis yang dapat menurunkan glukosa darah berdasarkan

penelitian (Kumar *et al.* 2012) adalah 100 mg/kg BB pada tikus.

$$\frac{100\ mg}{1000\ g\ BB\ tikus} = \frac{20\ mg}{200\ g\ BB\ tikus}$$

Dosis untuk penelitian ini adalah $\dfrac{20\ mg}{200\ g\ BB\ tikus} = \dfrac{0,02\ g}{200\ g\ BB\ tikus}$

Perhitungan volume pemberian:

BJ $= 1,015\ \dfrac{gram}{ml}$

$\text{V} = \dfrac{Berat\ (gram)}{Berat\ jenis\ (\frac{gram}{ml})}$

$\quad = \dfrac{0,02\ (gram)}{1,015\ (\frac{gram}{ml})}$

$\quad = 0,0197$ ml

$\quad = 0,02$ ml

Dosis I $\quad = \frac{1}{2}$ DE

$\qquad\quad = \dfrac{0,02\ ml}{2}$

$\qquad\quad = 0,01$ ml

Dosis II $\quad = 1$ DE

$\qquad\quad = 0,02$ ml x 1

$\qquad\quad = 0,02$ ml

Dosis III   = 2 DE

           = 0,02 ml x 2

           = 0,04 ml

Lampiran 10. Sertifikasi hewan uji

"ABIMANYU FARM"

√ Mencit putih jantan   √ Tikus Wistar √ Swis Webster √ Cacing   √ Mencit Jepang   √ Kelinci New Zaeland
Ngampon RT 04 / RW 04. Mojosongo Kec. Jebres Surakarta. Phone 085 629 994 33 / Lab USB Ska

Menerangkan dengan sebenarnya bahwa Tikus Wistar yang dibeli oleh:

Nama	: Yolanda Christy Sugiyarto
Alamat	: Universitas Setia Budi Surakarta
Fakultas	: Farmasi
Nim	: 15092803 A
Keperluan	: Praktikum Penelitian
Tanggal	: 20 Mei 2013
Jenis	: Tikus Wistar
Kelamin	: Tikus Wistar Jantan
Umur	: ± 2 - 3 bulan
Jumlah	: 20 ekor jantan

Atas kerja samanya, kami mengucapkan terima kasih dan mohon maaf jika dalam

pelayanannya banyak kekurangan.

Demikian surat keterangan ini dibuat, semoga dapat digunakan sebagaimana

mestinya.

Surakarta, 3 Juni 2013
Hormat kami

ABIMANYU FARM
Sigit Pramono

Lampiran 11. Uji toksisitas minyak atsiri kayu manis terhadap tikus putih jantan galur wistar

Pemberian minyak atsiri pada tikus putih jantan
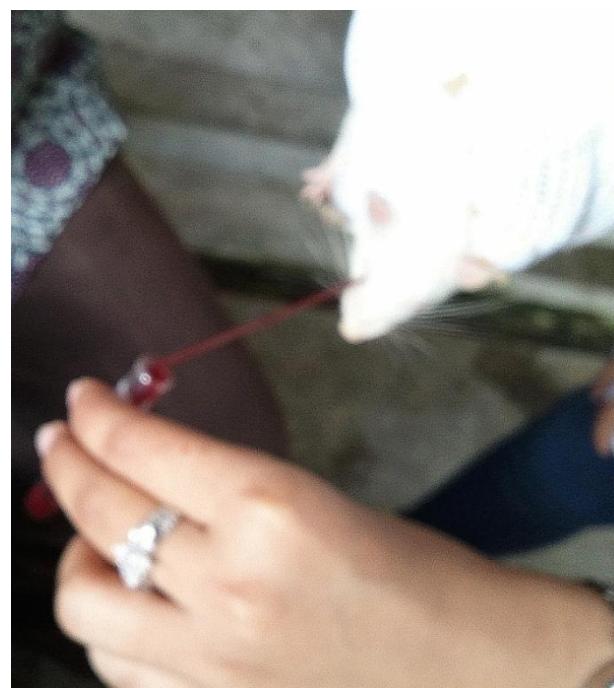
Pengambilan darah tikus lewat vena mata

Darah yang akan digunakan sebagai sample pengujian

Pengenceran darah untuk perhitungan hematologi
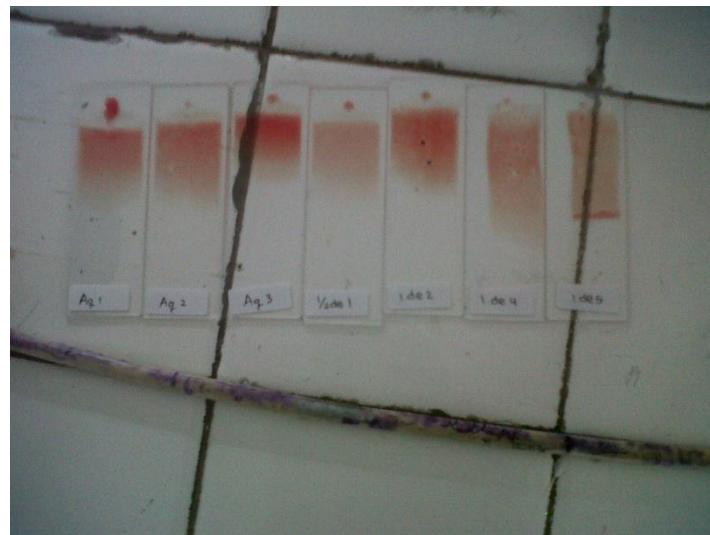
Pembuatan preparat darah
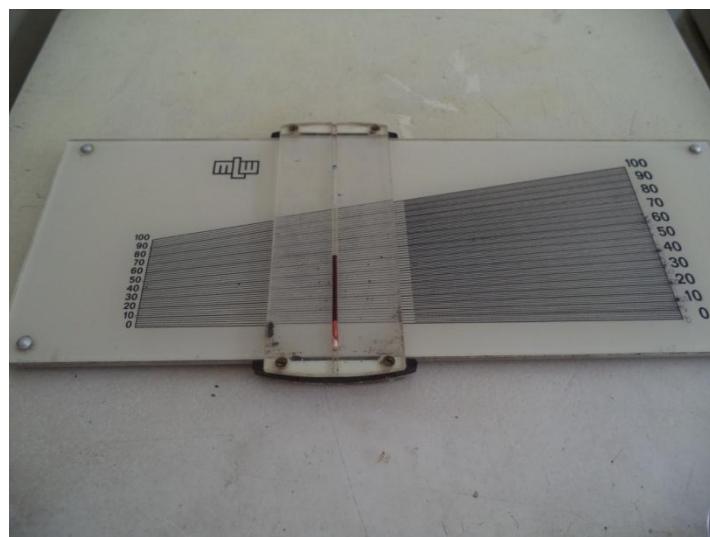
Perhitungan hematokrit

Lampiran 12. Hasil pengamatan berat badan tikus putih jantan galur wistar

Dosis I

Tikus ke -	Berat badan tikus (gram)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	200	201	199	202	202
2	201	200	200	200	201
3	199	201	201	201	200
4	200	200	200	199	201
5	200	201	199	199	199

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	200,00	,707	199	201
t1	5	200,60	,548	200	201
t2	5	199,80	,837	199	201
t3	5	200,20	1,304	199	202
t4	5	200,60	1,140	199	202

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal	Mean	200,00	200,60	199,80	200,20	200,60
Parameters[a,b]	Std. Deviation	,707	,548	,837	1,304	1,140
Most Extreme	Absolute	,300	,367	,231	,221	,237
Differences	Positive	,300	,263	,231	,221	,163
	Negative	-,300	-,367	-,194	-,179	-,237
Kolmogorov-Smirnov Z		,671	,822	,515	,495	,530
Asymp. Signifikasi p. (2-tailed)		,759	,510	,953	,967	,941

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	200,00	5	,707	,316
	t1	200,60	5	,548	,245
Pair 2	t0	200,00	5	,707	,316
	t2	199,80	5	,837	,374
Pair 3	t0	200,00	5	,707	,316
	t3	200,20	5	1,304	,583
Pair 4	t0	200,00	5	,707	,316
	t4	200,60	5	1,140	,510

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	-,645	,239
Pair 2	t0 & t2	5	-,423	,478
Pair 3	t0 & t3	5	-,271	,659
Pair 4	t0 & t4	5	,310	,612

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-,600	1,140	,510	-2,016	,816	-1,177	4	,305
Pair 2	t0 - t2	,200	1,304	,583	-1,419	1,819	,343	4	,749
Pair 3	t0 - t3	-,200	1,643	,735	-2,240	1,840	-,272	4	,799
Pair 4	t0 - t4	-,600	1,140	,510	-2,016	,816	-1,177	4	,305

Dosis II

Tikus ke -	Berat badan tikus (gram)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	202	202	200	201	202
2	201	201	203	200	203
3	202	203	200	203	201
4	201	202	201	202	200
5	199	199	200	199	200

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	201,00	1,225	199	202
t1	5	201,40	1,517	199	203
t2	5	200,80	1,304	200	203
t3	5	201,00	1,581	199	203
t4	5	201,20	1,304	200	203

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal	Mean	201,00	201,40	200,80	201,00	201,20
Parameters[a,b]	Std. Deviation	1,225	1,517	1,304	1,581	1,304
Most Extreme	Absolute	,300	,254	,330	,136	,221
Differences	Positive	,207	,146	,330	,136	,221
	Negative	-,300	-,254	-,270	-,136	-,179
Kolmogorov-Smirnov Z		,671	,568	,738	,305	,495
Asymp. Signifikasi p. (2-tailed)		,759	,904	,647	1,000	,967

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	201,00	5	1,225	,548
	t1	201,40	5	1,517	,678
Pair 2	t0	201,00	5	1,225	,548
	t2	200,80	5	1,304	,583
Pair 3	t0	201,00	5	1,225	,548
	t3	201,00	5	1,581	,707
Pair 4	t0	201,00	5	1,225	,548
	t4	201,20	5	1,304	,583

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,942	,017
Pair 2	t0 & t2	5	,000	1,000
Pair 3	t0 & t3	5	,775	,124
Pair 4	t0 & t4	5	,470	,425

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-,400	,548	,245	-1,080	,280	-1,633	4	,178
Pair 2	t0 - t2	,200	1,789	,800	-2,021	2,421	,250	4	,815
Pair 3	t0 - t3	,000	1,000	,447	-1,242	1,242	,000	4	1,000
Pair 4	t0 - t4	-,200	1,304	,583	-1,819	1,419	-,343	4	,749

Dosis III

Tikus ke -	Berat badan tikus (gram)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	200	202	199	200	203
2	202	203	202	200	202
3	201	201	201	202	203
4	199	200	200	201	201
5	202	202	201	200	202

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	200,80	1,304	199	202
t1	5	201,80	1,304	200	203
t2	5	200,60	1,140	199	202
t3	5	200,60	,894	200	202
t4	5	202,20	,837	201	203

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	200,80	201,80	200,60	200,60	202,20
	Std. Deviation	1,304	1,304	1,140	,894	,837
Most Extreme	Absolute	,221	,221	,237	,349	,231
Differences	Positive	,179	,179	,163	,349	,194
	Negative	-,221	-,221	-,237	-,251	-,231
Kolmogorov-Smirnov Z		,495	,495	,530	,780	,515
Asymp. Signifikasi p. (2-tailed)		,967	,967	,941	,577	,953

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	200,80	5	1,304	,583
	t1	201,60	5	1,140	,510
Pair 2	t0	200,80	5	1,304	,583
	t2	200,60	5	1,140	,510
Pair 3	t0	200,80	5	1,304	,583
	t3	200,60	5	,894	,400
Pair 4	t0	200,80	5	1,304	,583
	t4	202,20	5	,837	,374

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,774	,125
Pair 2	t0 & t2	5	,774	,125
Pair 3	t0 & t3	5	-,300	,624
Pair 4	t0 & t4	5	,275	,654

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-,800	,837	,374	-1,839	,239	-2,138	4	,099
Pair 2	t0 - t2	,200	,837	,374	-,839	1,239	,535	4	,621
Pair 3	t0 - t3	,200	1,789	,800	-2,021	2,421	,250	4	,815
Pair 4	t0 - t4	-1,400	1,342	,600	-3,066	,266	-2,333	4	,080

Aquadest

Tikus ke -	Berat badan tikus (gram)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	200	200	198	202	201
2	200	200	201	201	202
3	198	199	200	200	200
4	200	201	201	198	200
5	199	199	199	200	199

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	199,40	,894	198	200
t1	5	199,80	,837	199	201
t2	5	199,80	1,304	198	201
t3	5	200,20	1,483	198	202
t4	5	200,40	1,140	199	202

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	199,40	199,80	199,80	200,20	200,40
	Std. Deviation	,894	,837	1,304	1,483	1,140
Most Extreme Differences	Absolute	,349	,231	,221	,246	,237
	Positive	,251	,231	,179	,154	,237
	Negative	-,349	-,194	-,221	-,246	-,163
Kolmogorov-Smirnov Z		,780	,515	,495	,551	,530
Asymp. Signifikasi p. (2-tailed)		,577	,953	,967	,922	,941

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	199,40	5	,894	,400
	t1	199,80	5	,837	,374
Pair 2	t0	199,40	5	,894	,400
	t2	199,80	5	1,304	,583
Pair 3	t0	199,40	5	,894	,400
	t3	200,20	5	1,483	,663
Pair 4	t0	199,40	5	,894	,400
	t4	200,40	5	1,140	,510

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,802	,103
Pair 2	t0 & t2	5	,086	,891
Pair 3	t0 & t3	5	,113	,856
Pair 4	t0 & t4	5	,539	,348

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-,400	,548	,245	-1,080	,280	-1,633	4	,178
Pair 2	t0 - t2	-,400	1,517	,678	-2,283	1,483	-,590	4	,587
Pair 3	t0 - t3	-,800	1,643	,735	-2,840	1,240	-1,089	4	,338
Pair 4	t0 - t4	-1,000	1,000	,447	-2,242	,242	-2,236	4	,089

Analisa statistik *anova* satu jalan pada minggu ke-empat (t4)

Tikus ke -	Berat badan tikus (gram)			
	Dosis I	**Dosis II**	**Dosis III**	**Aquadest**
1	200	202	203	201
2	201	203	202	202
3	200	201	203	200
4	201	200	201	200
5	199	200	202	199

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Berat	20	201,10	1,252	199	203

One-Sample Kolmogorov-Smirnov Test

		Berat
N		20
Normal Parameters[a,b]	Mean	201,10
	Std. Deviation	1,252
Most Extreme Differences	Absolute	,164
	Positive	,160
	Negative	-,164
Kolmogorov-Smirnov Z		,733
Asymp. Sig. (2-tailed)		,656

a. Test distribution is Normal.
b. Calculated from data.

Oneway

Descriptives

Berat

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Dosis I	5	200,60	1,140	,510	199,18	202,02	199	202
Dosis II	5	201,20	1,304	,583	199,58	202,82	200	203
Dosis III	5	202,20	,837	,374	201,16	203,24	201	203
Aquadest	5	200,40	1,140	,510	198,98	201,82	199	202
Total	20	201,10	1,252	,280	200,51	201,69	199	203

Test of Homogeneity of Variances

Berat

Levene Statistic	df1	df2	Sig.
,453	3	16	,719

ANOVA

Berat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9,800	3	3,267	2,613	,087
Within Groups	20,000	16	1,250		
Total	29,800	19			

Lampiran 13. Hasil pengamatan eritrosit

Dosis I

Tikus ke -	Jumlah eritrosit (sel)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	8650000	8450000	8250000	8350000	8250000
2	7950000	8250000	8400000	8250000	8150000
3	9500000	9350000	9250000	9250000	9050000
4	9150000	9450000	8950000	8700000	8800000
5	8550000	8800000	9000000	8750000	8450000

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	8760000,00	594138,031	7950000	9500000
t1	5	8860000,00	531977,443	8250000	9450000
t2	5	8770000,00	425147,033	8250000	9250000
t3	5	8660000,00	394334,883	8250000	9250000
t4	5	8540000,00	378153,408	8150000	9050000

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	8760000,00	8860000,00	8770000,00	8660000,00	8540000,00
	Std. Deviation	594138,031	531977,443	425147,033	394334,883	378153,408
Most Extreme Differences	Absolute	,173	,221	,264	,210	,194
	Positive	,173	,180	,208	,210	,194
	Negative	-,162	-,221	-,264	-,149	-,154
Kolmogorov-Smirnov Z		,388	,495	,590	,469	,434
Asymp. Signifikasi p. (2-tailed)		,998	,967	,877	,980	,992

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	8760000,00	5	594138,031	265706,605
	t1	8860000,00	5	531977,443	237907,545
Pair 2	t0	8760000,00	5	594138,031	265706,605
	t2	8770000,00	5	425147,033	190131,533
Pair 3	t0	8760000,00	5	594138,031	265706,605
	t3	8660000,00	5	394334,883	176351,921
Pair 4	t0	8760000,00	5	594138,031	265706,605
	t4	8540000,00	5	378153,408	169115,345

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,905	,035
Pair 2	t0 & t2	5	,726	,165
Pair 3	t0 & t3	5	,853	,066
Pair 4	t0 & t4	5	,941	,017

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-100000,000	252487,623	112915,898	-413504,792	213504,792	-,886	4	,426
Pair 2	t0 - t2	-10000,000	408350,340	182619,824	-517033,916	497033,916	-,055	4	,959
Pair 3	t0 - t3	100000,000	329772,649	147478,812	-309466,826	509466,826	,678	4	,535
Pair 4	t0 - t4	220000,000	270647,372	121037,184	-116053,098	556053,098	1,818	4	,143

Dosis II

Tikus ke -	Jumlah eritrosit (sel)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	8350000	8600000	8750000	8450000	8150000
2	9250000	8700000	8500000	8500000	8000000
3	8050000	8900000	9150000	9000000	8900000
4	9450000	9000000	8700000	8550000	8500000
5	9500000	9150000	8750000	8650000	8050000

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	8920000,00	672309,453	8050000	9500000
t1	5	8870000,00	222485,955	8600000	9150000
t2	5	8770000,00	236114,379	8500000	9150000
t3	5	8630000,00	219658,826	8450000	9000000
t4	5	8320000,00	378483,817	8000000	8900000

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	8920000,00	8870000,00	8770000,00	8630000,00	8320000,00
	Std. Deviation	672309,453	222485,955	236114,379	219658,826	378483,817
Most Extreme Differences	Absolute	,288	,178	,334	,264	,273
	Positive	,202	,178	,334	,264	,273
	Negative	-,288	-,154	-,183	-,206	-,199
Kolmogorov-Smirnov Z		,645	,397	,746	,590	,611
Asymp. Signifikasi p. (2-tailed)		,800	,997	,633	,878	,849

a. Test distribution is Normal.
b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	8920000,00	5	672309,453	300665,928
	t1	8870000,00	5	222485,955	99498,744
Pair 2	t0	8920000,00	5	672309,453	300665,928
	t2	8770000,00	5	236114,379	105593,560
Pair 3	t0	8920000,00	5	672309,453	300665,928
	t3	8630000,00	5	219658,826	98234,414
Pair 4	t0	8920000,00	5	672309,453	300665,928
	t4	8320000,00	5	378483,817	169263,109

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,506	,384
Pair 2	t0 & t2	5	-,720	,170
Pair 3	t0 & t3	5	-,496	,395
Pair 4	t0 & t4	5	-,564	,322

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	Df	
Pair 1	t0 - t1	50000,000	591607,978	264575,131	-684578,328	784578,328	,189	4	,859
Pair 2	t0 - t2	150000,000	858050,115	383731,677	-915409,937	1215409,937	,391	4	,716
Pair 3	t0 - t3	290000,000	804207,685	359652,610	-708555,729	1288555,729	,806	4	,465
Pair 4	t0 - t4	600000,000	939414,711	420119,031	-566437,427	1766437,427	1,428	4	,226

Dosis III

Tikus ke -	Jumlah eritrosit (sel)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	9300000	9200000	9050000	8500000	8500000
2	7700000	8150000	8000000	7850000	7850000
3	8700000	8750000	8950000	8750000	8750000
4	8900000	9050000	8600000	8500000	8500000
5	9100000	8750000	8450000	8150000	8150000

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	8740000,00	622896,460	7700000	9300000
t1	5	8780000,00	402492,236	8150000	9200000
t2	5	8610000,00	420416,460	8000000	9050000
t3	5	8350000,00	351781,182	7850000	8750000
t4	5	8010000,00	499249,437	7400000	8500000

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal	Mean	8740000,00	8780000,00	8610000,00	8350000,00	8010000,00
Parameters[a,b]	Std. Deviation	622896,460	402492,236	420416,460	351781,182	499249,437
Most Extreme	Absolute	,274	,270	,191	,265	,285
Differences	Positive	,184	,148	,148	,135	,222
	Negative	-,274	-,270	-,191	-,265	-,285
Kolmogorov-Smirnov Z		,614	,604	,426	,593	,636
Asymp. Signifikasi p. (2-tailed)		,846	,858	,993	,874	,813

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	8740000,00	5	622896,460	278567,766
	t1	8780000,00	5	402492,236	180000,000
Pair 2	t0	8740000,00	5	622896,460	278567,766
	t2	8610000,00	5	420416,460	188015,957
Pair 3	t0	8740000,00	5	622896,460	278567,766
	t3	8350000,00	5	351781,182	157321,327
Pair 4	t0	8740000,00	5	622896,460	278567,766
	t4	8010000,00	5	499249,437	223271,136

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,921	,026
Pair 2	t0 & t2	5	,771	,127
Pair 3	t0 & t3	5	,616	,268
Pair 4	t0 & t4	5	,272	,658

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-40000,000	296647,939	132664,992	-408337,067	328337,067	-,302	4	,778
Pair 2	t0 - t2	130000,000	400936,404	179304,211	-367828,298	627828,298	,725	4	,509
Pair 3	t0 - t3	390000,000	491680,791	219886,334	-220502,336	1000502,336	1,774	4	,151
Pair 4	t0 - t4	730000,000	684287,951	306022,875	-119655,713	1579655,713	2,385	4	,076

Aquadest

Tikus ke-	Jumlah eritrosit (sel)				
	Minggu 0 (T0)	Minggu 1 (T1)	Minggu 2 (T2)	Minggu 3 (T3)	Minggu 4 (T4)
1	7700000	8100000	7900000	7700000	7800000
2	8350000	8700000	9050000	8750000	8250000
3	9250000	9350000	9450000	9000000	8850000
4	8600000	8400000	8700000	8200000	8300000
5	8250000	8000000	8500000	8350000	8000000

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	8430000,00	564136,508	7700000	9250000
t1	5	8510000,00	543599,117	8000000	9350000
t2	5	8720000,00	583737,955	7900000	9450000
t3	5	8400000,00	503736,042	7700000	9000000
t4	5	8240000,00	395916,658	7800000	8850000

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	8430000,00	8510000,00	8720000,00	8400000,00	8240000,00
	Std. Deviation	564136,508	543599,117	583737,955	503736,042	395916,658
Most Extreme Differences	Absolute	,182	,180	,153	,156	,240
	Positive	,182	,180	,120	,140	,240
	Negative	-,175	-,174	-,153	-,156	-,138
Kolmogorov-Smirnov Z		,406	,403	,342	,350	,536
Asymp. Signifikasi p. (2-tailed)		,997	,997	1,000	1,000	,936

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	8430000,00	5	564136,508	252289,516
	t1	8510000,00	5	543599,117	243104,916
Pair 2	t0	8430000,00	5	564136,508	252289,516
	t2	8720000,00	5	583737,955	261055,550
Pair 3	t0	8430000,00	5	564136,508	252289,516
	t3	8400000,00	5	503736,042	225277,607
Pair 4	t0	8430000,00	5	564136,508	252289,516
	t4	8240000,00	5	395916,658	177059,312

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,853	,066
Pair 2	t0 & t2	5	,916	,029
Pair 3	t0 & t3	5	,836	,078
Pair 4	t0 & t4	5	,978	,004

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
			Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	
		Mean			Lower	Upper			
Pair 1	t0 - t1	-80000,000	301247,407	134721,936	-454048,059	294048,059	-,594	4	,585
Pair 2	t0 - t2	-290000,000	235584,380	105356,538	-582516,643	2516,643	-2,753	4	,051
Pair 3	t0 - t3	30000,000	311448,230	139283,883	-356714,055	416714,055	,215	4	,840
Pair 4	t0 - t4	190000,000	194935,887	87177,979	-52044,873	432044,873	2,179	4	,095

Analisa statistik *anova* satu jalan pada minggu ke-empat (t4)

Tikus ke -	Jumlah eritrosit (sel)			
	Dosis I	**Dosis II**	**Dosis III**	**Aquadest**
1	8250000	8150000	8500000	7800000
2	8150000	8000000	7850000	8250000
3	9050000	8900000	8750000	8850000
4	8800000	8500000	8500000	8300000
5	8450000	8050000	8150000	8000000

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Jumlah	20	8362500,00	363417,623	7800000	9050000

One-Sample Kolmogorov-Smirnov Test

		jumlah
N		20
Normal Parameters[a,b]	Mean	8362500,00
	Std. Deviation	363417,623
Most Extreme Differences	Absolute	,122
	Positive	,122
	Negative	-,107
Kolmogorov-Smirnov Z		,544
Asymp. Sig. (2-tailed)		,929

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Descriptives

Jumlah

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Dosis I	5	8540000,00	378153,408	169115,345	8070460,53	9009539,47	8150000	9050000
Dosis II	5	8320000,00	378483,817	169263,109	7850050,27	8789949,73	8000000	8900000
Dosis III	5	8350000,00	351781,182	157321,327	7913205,97	8786794,03	7850000	8750000
Aquadest	5	8240000,00	395916,658	177059,312	7748404,54	8731595,46	7800000	8850000
Total	20	8362500,00	363417,623	81262,651	8192415,32	8532584,68	7800000	9050000

Test of Homogeneity of Variances

Jumlah

Levene Statistic	df1	df2	Sig.
,044	3	16	,987

ANOVA

Jumlah

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	2,424E11	3	8,079E10	,570	,643
Within Groups	2,267E12	16	1,417E11		
Total	2,509E12	19			

Lampiran 14. Hasil pengamatan leukosit

Dosis I

Tikus ke -	Jumlah leukosit (sel)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	9800	9800	10600	9400	9600
2	10000	10600	10600	10600	10200
3	11400	11000	10000	10000	10800
4	12400	12000	11400	11800	11200
5	12000	11400	10800	11400	11400

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	11120,00	1171,324	9800	12400
t1	5	10960,00	829,458	9800	12000
t2	5	10680,00	501,996	10000	11400
t3	5	10640,00	983,870	9400	11800
t4	5	10600,00	774,597	9600	11400

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal	Mean	11120,00	10960,00	10680,00	10640,00	10600,00
Parameters[a,b]	Std. Deviation	1171,324	829,458	501,996	983,870	774,597
Most Extreme	Absolute	,231	,132	,237	,180	,202
Differences	Positive	,231	,119	,206	,142	,181
	Negative	-,194	-,132	-,237	-,180	-,202
Kolmogorov-Smirnov Z		,515	,295	,529	,403	,451
Asymp. Signifikasi p. (2-tailed)		,953	1,000	,942	,997	,987

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	11120,00	5	1171,324	523,832
	t1	10960,00	5	829,458	370,945
Pair 2	t0	11120,00	5	1171,324	523,832
	t2	10680,00	5	501,996	224,499
Pair 3	t0	11120,00	5	1171,324	523,832
	t3	10640,00	5	983,870	440,000
Pair 4	t0	11120,00	5	1171,324	523,832
	t4	10600,00	5	774,597	346,410

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,943	,016
Pair 2	t0 & t2	5	,439	,460
Pair 3	t0 & t3	5	,793	,109
Pair 4	t0 & t4	5	,970	,006

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	160,000	477,493	213,542	-432,886	752,886	,749	4	,495
Pair 2	t0 - t2	440,000	1052,616	470,744	-866,995	1746,995	,935	4	,403
Pair 3	t0 - t3	480,000	715,542	320,000	-408,462	1368,462	1,500	4	,208
Pair 4	t0 - t4	520,000	460,435	205,913	-51,705	1091,705	2,525	4	,065

Dosis II

Tikus ke -	Jumlah leukosit (sel)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	12200	11400	10200	9800	9200
2	9000	9800	9800	9400	8400
3	9600	10000	9200	9800	9000
4	11400	11400	10400	10400	10800
5	10800	11000	10000	9000	10600

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	10600,00	1303,840	9000	12200
t1	5	10720,00	769,415	9800	11400
t2	5	9920,00	460,435	9200	10400
t3	5	9680,00	521,536	9000	10400
t4	5	9600,00	1048,809	8400	10800

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	10600,00	10720,00	9920,00	9680,00	9600,00
	Std. Deviation	1303,840	769,415	460,435	521,536	1048,809
Most Extreme Differences	Absolute	,178	,242	,197	,209	,249
	Positive	,178	,225	,149	,209	,249
	Negative	-,161	-,242	-,197	-,191	-,230
Kolmogorov-Smirnov Z		,399	,541	,441	,467	,556
Asymp. Signifikasi p. (2-tailed)		,997	,931	,990	,981	,917

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	10600,00	5	1303,840	583,095
	t1	10720,00	5	769,415	344,093
Pair 2	t0	10600,00	5	1303,840	583,095
	t2	9920,00	5	460,435	205,913
Pair 3	t0	10600,00	5	1303,840	583,095
	t3	9680,00	5	521,536	233,238
Pair 4	t0	10600,00	5	1303,840	583,095
	t4	9600,00	5	1048,809	469,042

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,967	,007
Pair 2	t0 & t2	5	,733	,159
Pair 3	t0 & t3	5	,353	,560
Pair 4	t0 & t4	5	,556	,331

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-120,000	593,296	265,330	-856,674	616,674	-,452	4	,675
Pair 2	t0 - t2	680,000	1015,874	454,313	-581,374	1941,374	1,497	4	,209
Pair 3	t0 - t3	920,000	1221,475	546,260	-596,661	2436,661	1,684	4	,167
Pair 4	t0 - t4	1000,000	1131,371	505,964	-404,782	2404,782	1,976	4	,119

Dosis III

Tikus ke -	Jumlah leukosit (sel)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	11200	11400	11000	10800	10800
2	12000	9800	10800	11000	10200
3	9200	10000	9000	9400	9200
4	9800	11400	10200	9800	9400
5	11600	11000	10800	10800	10600

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	10760,00	1203,329	9200	12000
t1	5	10400,00	761,577	9200	11200
t2	5	10360,00	817,313	9000	11000
t3	5	10360,00	712,741	9400	11000
t4	5	10040,00	712,741	9200	10800

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	10760,00	10400,00	10360,00	10360,00	10040,00
	Std. Deviation	1203,329	761,577	817,313	712,741	712,741
Most Extreme Differences	Absolute	,243	,204	,305	,331	,215
	Positive	,188	,147	,217	,185	,215
	Negative	-,243	-,204	-,305	-,331	-,189
Kolmogorov-Smirnov Z		,543	,455	,682	,741	,482
Asymp. Signifikasi p. (2-tailed)		,930	,986	,742	,642	,974

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	10760,00	5	1203,329	538,145
	t1	10400,00	5	761,577	340,588
Pair 2	t0	10760,00	5	1203,329	538,145
	t2	10360,00	5	817,313	365,513
Pair 3	t0	10760,00	5	1203,329	538,145
	t3	10360,00	5	712,741	318,748
Pair 4	t0	10760,00	5	1203,329	538,145
	t4	10040,00	5	712,741	318,748

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,928	,023
Pair 2	t0 & t2	5	,883	,047
Pair 3	t0 & t3	5	,989	,001
Pair 4	t0 & t4	5	,853	,066

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference Lower	95% Confidence Interval of the Difference Upper	t	df	
Pair 1	t0 - t1	360,000	572,713	256,125	-351,117	1071,117	1,406	4	,233
Pair 2	t0 - t2	400,000	616,441	275,681	-365,413	1165,413	1,451	4	,220
Pair 3	t0 - t3	400,000	509,902	228,035	-233,127	1033,127	1,754	4	,154
Pair 4	t0 - t4	720,000	701,427	313,688	-150,937	1590,937	2,295	4	,083

Aquadest

Tikus ke -	Jumlah leukosit (sel)				
	Minggu 0 (t0)	**Minggu 1 (t1)**	**Minggu 2 (t2)**	**Minggu 3 (t3)**	**Minggu 4 (t4)**
1	9400	9200	9600	9600	9000
2	11600	11000	11400	10200	10800
3	12600	12000	12000	11000	10000
4	9000	9600	9200	9200	8600
5	9600	10000	9600	8600	9400

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	10440,00	1570,987	9000	12600
t1	5	10360,00	1134,901	9200	12000
t2	5	10360,00	1252,198	9200	12000
t3	5	9720,00	923,038	8600	11000
t4	5	9560,00	864,870	8600	10800

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal	Mean	10440,00	10360,00	10360,00	9720,00	9560,00
Parameters[a,b]	Std. Deviation	1570,987	1134,901	1252,198	923,038	864,870
Most Extreme	Absolute	,304	,224	,328	,152	,173
Differences	Positive	,304	,224	,328	,152	,173
	Negative	-,180	-,153	-,197	-,117	-,134
Kolmogorov-Smirnov Z		,679	,502	,734	,339	,388
Asymp. Signifikasi p. (2-tailed)		,746	,963	,655	1,000	,998

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	10440,00	5	1570,987	702,567
	t1	10360,00	5	1134,901	507,543
Pair 2	t0	10440,00	5	1570,987	702,567
	t2	10360,00	5	1252,198	560,000
Pair 3	t0	10440,00	5	1570,987	702,567
	t3	9720,00	5	923,038	412,795
Pair 4	t0	10440,00	5	1570,987	702,567
	t4	9560,00	5	864,870	386,782

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,966	,008
Pair 2	t0 & t2	5	,997	,000
Pair 3	t0 & t3	5	,885	,046
Pair 4	t0 & t4	5	,826	,085

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference Lower	95% Confidence Interval of the Difference Upper	t	df	
Pair 1	t0 - t1	80,000	558,570	249,800	-613,556	773,556	,320	4	,765
Pair 2	t0 - t2	80,000	334,664	149,666	-335,540	495,540	,535	4	,621
Pair 3	t0 - t3	720,000	867,179	387,814	-356,745	1796,745	1,857	4	,137
Pair 4	t0 - t4	880,000	985,901	440,908	-344,157	2104,157	1,996	4	,117

Analisa statistik *anova* satu jalan pada t4 (minggu k4-empat)

Tikus ke -	Jumlah leukosit (sel)			
	Dosis I	**Dosis II**	**Dosis III**	**Aquadest**
1	9600	9200	10800	9000
2	10200	8400	10200	10800
3	10800	9000	9200	10000
4	12000	10800	9400	8600
5	11400	10600	10600	9400

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Jumlah	20	9960,00	900,526	8400	11400

One-Sample Kolmogorov-Smirnov Test

		Jumlah
N		20
Normal Parameters[a,b]	Mean	9960,00
	Std. Deviation	900,526
Most Extreme Differences	Absolute	,161
	Positive	,133
	Negative	-,161
Kolmogorov-Smirnov Z		,722
Asymp. Sig. (2-tailed)		,675

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Descriptives

Jumlah

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Dosis I	5	10640,00	740,270	331,059	9720,83	11559,17	9600	11400
Dosis II	5	9600,00	1048,809	469,042	8297,73	10902,27	8400	10800
Dosis III	5	10040,00	712,741	318,748	9155,01	10924,99	9200	10800
Aquadest	5	9560,00	864,870	386,782	8486,12	10633,88	8600	10800
Total	20	9960,00	900,526	201,364	9538,54	10381,46	8400	11400

Test of Homogeneity of Variances

Jumlah

Levene Statistic	df1	df2	Sig.
,747	3	16	,540

ANOVA

Jumlah

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	3792000,000	3	1264000,000	1,741	,199
Within Groups	1,162E7	16	726000,000		
Total	1,541E7	19			

Lampiran 15. Hasil pengamatan Trombosit

Dosis I

Tikus ke -	Jumlah trombosit (sel)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	370000	400000	400000	360000	350000
2	400000	420000	380000	380000	380000
3	420000	400000	380000	350000	400000
4	360000	380000	350000	350000	360000
5	390000	430000	380000	310000	340000

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	388000,00	23874,673	360000	420000
t1	5	406000,00	19493,589	380000	430000
t2	5	378000,00	17888,544	350000	400000
t3	5	350000,00	25495,098	310000	380000
t4	5	366000,00	24083,189	340000	400000

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal	Mean	388000,00	406000,00	378000,00	350000,00	366000,00
Parameters[a,b]	Std. Deviation	23874,673	19493,589	17888,544	25495,098	24083,189
Most Extreme	Absolute	,175	,221	,345	,300	,198
Differences	Positive	,175	,221	,255	,147	,198
	Negative	-,133	-,179	-,345	-,300	-,140
Kolmogorov-Smirnov Z		,390	,494	,770	,671	,444
Asymp. Signifikasi p. (2-tailed)		,998	,968	,593	,759	,989

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	388000,00	5	23874,673	10677,078
	t1	406000,00	5	19493,589	8717,798
Pair 2	t0	388000,00	5	23874,673	10677,078
	t2	378000,00	5	17888,544	8000,000
Pair 3	t0	388000,00	5	23874,673	10677,078
	t3	350000,00	5	25495,098	11401,754
Pair 4	t0	388000,00	5	23874,673	10677,078
	t4	366000,00	5	24083,189	10770,330

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,462	,433
Pair 2	t0 & t2	5	,281	,647
Pair 3	t0 & t3	5	,041	,948
Pair 4	t0 & t4	5	,722	,169

Paired Samples Test

		Paired Differences					t	df	Signifikasi p. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	t0 - t1	-18000,000	22803,509	10198,039	-46314,296	10314,296	-1,765	4	,152
Pair 2	t0 - t2	10000,000	25495,098	11401,754	-21656,345	41656,345	,877	4	,430
Pair 3	t0 - t3	38000,000	34205,263	15297,059	-4471,443	80471,443	2,484	4	,068
Pair 4	t0 - t4	22000,000	17888,544	8000,000	-211,561	44211,561	2,750	4	,051

Dosis II

Tikus ke -	Jumlah trombosit (sel)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	410000	390000	380000	390000	360000
2	430000	420000	380000	400000	380000
3	400000	420000	360000	390000	370000
4	380000	400000	370000	380000	340000
5	340000	400000	350000	340000	370000

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	392000,00	34205,263	340000	430000
t1	5	406000,00	13416,408	390000	420000
t2	5	368000,00	13038,405	350000	380000
t3	5	380000,00	23452,079	340000	400000
t4	5	364000,00	15165,751	340000	380000

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	392000,00	406000,00	368000,00	380000,00	364000,00
	Std. Deviation	34205,263	13416,408	13038,405	23452,079	15165,751
Most Extreme Differences	Absolute	,192	,273	,221	,300	,254
	Positive	,136	,273	,179	,197	,146
	Negative	-,192	-,252	-,221	-,300	-,254
Kolmogorov-Smirnov Z		,430	,610	,495	,671	,568
Asymp. Signifikasi p. (2-tailed)		,993	,851	,967	,759	,904

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	392000,00	5	34205,263	15297,059
	t1	406000,00	5	13416,408	6000,000
Pair 2	t0	392000,00	5	34205,263	15297,059
	t2	368000,00	5	13038,405	5830,952
Pair 3	t0	392000,00	5	34205,263	15297,059
	t3	380000,00	5	23452,079	10488,088
Pair 4	t0	392000,00	5	34205,263	15297,059
	t4	364000,00	5	15165,751	6782,330

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,403	,501
Pair 2	t0 & t2	5	,852	,067
Pair 3	t0 & t3	5	,966	,007
Pair 4	t0 & t4	5	,270	,661

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-14000,000	31304,952	14000,000	-52870,231	24870,231	-1,000	4	,374
Pair 2	t0 - t2	24000,000	24083,189	10770,330	-5903,229	53903,229	2,228	4	,090
Pair 3	t0 - t3	12000,000	13038,405	5830,952	-4189,318	28189,318	2,058	4	,109
Pair 4	t0 - t4	28000,000	33466,401	14966,630	-13554,025	69554,025	1,871	4	,135

Dosis III

Tikus ke -	Jumlah trombosit (sel)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	370000	370000	380000	350000	320000
2	340000	400000	350000	370000	340000
3	430000	390000	340000	350000	270000
4	390000	360000	380000	390000	350000
5	400000	380000	400000	360000	390000

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	386000,00	33615,473	340000	430000
t1	5	380000,00	15811,388	360000	400000
t2	5	370000,00	24494,897	340000	400000
t3	5	364000,00	16733,201	350000	390000
t4	5	334000,00	43931,765	270000	390000

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	386000,00	380000,00	370000,00	364000,00	334000,00
	Std. Deviation	33615,473	15811,388	24494,897	16733,201	43931,765
Most Extreme Differences	Absolute	,147	,136	,258	,201	,175
	Positive	,139	,136	,193	,199	,158
	Negative	-,147	-,136	-,258	-,201	-,175
Kolmogorov-Smirnov Z		,330	,305	,578	,450	,391
Asymp. Signifikasi p. (2-tailed)		1,000	1,000	,892	,987	,998

a. Test distribution is Normal.
b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	386000,00	5	33615,473	15033,296
	t1	380000,00	5	15811,388	7071,068
Pair 2	t0	386000,00	5	33615,473	15033,296
	t2	370000,00	5	24494,897	10954,451
Pair 3	t0	386000,00	5	33615,473	15033,296
	t3	364000,00	5	16733,201	7483,315
Pair 4	t0	386000,00	5	33615,473	15033,296
	t4	334000,00	5	43931,765	19646,883

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	-,188	,762
Pair 2	t0 & t2	5	-,030	,961
Pair 3	t0 & t3	5	-,276	,654
Pair 4	t0 & t4	5	-,342	,573

Paired Samples Test

		Paired Differences					t	df	Signifikasi p. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	t0 - t1	6000,000	39749,214	17776,389	-43355,168	55355,168	,338	4	,753
Pair 2	t0 - t2	16000,000	42190,046	18867,962	-36385,861	68385,861	,848	4	,444
Pair 3	t0 - t3	22000,000	41472,883	18547,237	-29495,385	73495,385	1,186	4	,301
Pair 4	t0 - t4	52000,000	63796,552	28530,685	-27213,881	131213,881	1,823	4	,142

Aquadest

Tikus ke -	Jumlah trombosit (sel)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	430000	420000	450000	420000	400000
2	470000	450000	450000	400000	430000
3	380000	420000	400000	400000	360000
4	400000	400000	420000	380000	350000
5	350000	380000	380000	350000	300000

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	334000,00	170675,130	40000	470000
t1	5	414000,00	26076,810	380000	450000
t2	5	420000,00	30822,070	380000	450000
t3	5	390000,00	26457,513	350000	420000
t4	5	368000,00	49699,095	300000	430000

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal	Mean	334000,00	414000,00	420000,00	390000,00	368000,00
Parameters[a,b]	Std. Deviation	170675,130	26076,810	30822,070	26457,513	49699,095
Most Extreme	Absolute	,337	,209	,235	,247	,164
Differences	Positive	,213	,209	,165	,153	,164
	Negative	-,337	-,191	-,235	-,247	-,159
Kolmogorov-Smirnov Z		,754	,467	,525	,553	,367
Asymp. Signifikasi p. (2-tailed)		,620	,981	,946	,920	,999

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	334000,00	5	170675,130	76328,239
	t1	414000,00	5	26076,810	11661,904
Pair 2	t0	334000,00	5	170675,130	76328,239
	t2	420000,00	5	30822,070	13784,049
Pair 3	t0	334000,00	5	170675,130	76328,239
	t3	390000,00	5	26457,513	11832,160
Pair 4	t0	334000,00	5	170675,130	76328,239
	t4	368000,00	5	49699,095	22226,111

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,524	,365
Pair 2	t0 & t2	5	,257	,677
Pair 3	t0 & t3	5	,388	,519
Pair 4	t0 & t4	5	,452	,445

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-80000,000	158587,515	70922,493	-276912,408	116912,408	-1,128	4	,322
Pair 2	t0 - t2	-86000,000	165469,030	74000,000	-291456,938	119456,938	-1,162	4	,310
Pair 3	t0 - t3	-56000,000	162265,215	72567,210	-257478,876	145478,876	-,772	4	,483
Pair 4	t0 - t4	-34000,000	154693,245	69180,922	-226077,033	158077,033	-,491	4	,649

Analisa statistik *anova* satu jalan pada t4 (minggu k4-empat)

Tikus ke -	Jumlah trombosit (sel)			
	Dosis I	**Dosis II**	**Dosis III**	**Aquadest**
1	350000	360000	320000	400000
2	380000	380000	340000	430000
3	400000	370000	270000	360000
4	360000	340000	350000	350000
5	340000	370000	390000	300000

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Jumlah	20	358000,00	36070,107	270000	430000

One-Sample Kolmogorov-Smirnov Test

		Jumlah
N		20
Normal Parameters[a,b]	Mean	358000,00
	Std. Deviation	36070,107
Most Extreme Differences	Absolute	,159
	Positive	,078
	Negative	-,159
Kolmogorov-Smirnov Z		,711
Asymp. Sig. (2-tailed)		,694

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Descriptives

Jumlah

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Dosis I	5	366000,00	24083,189	10770,330	336096,77	395903,23	340000	400000
Dosis II	5	364000,00	15165,751	6782,330	345169,23	382830,77	340000	380000
Dosis III	5	334000,00	43931,765	19646,883	279451,51	388548,49	270000	390000
Aquadest	5	368000,00	49699,095	22226,111	306290,42	429709,58	300000	430000
Total	20	358000,00	36070,107	8065,521	341118,67	374881,33	270000	430000

Test of Homogeneity of Variances

Jumlah

Levene Statistic	df1	df2	Sig.
1,746	3	16	,198

ANOVA

Jumlah

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3,880E9	3	1,293E9	,993	,421
Within Groups	2,084E10	16	1,302E9		
Total	2,472E10	19			

Lampiran 16. Hasil pengamatan hematokrit

Dosis I

Tikus ke -	Jumlah hematokrit (%)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	44	46	43	41	40
2	48	46	45	43	40
3	45	45	43	40	37
4	39	40	40	42	38
5	38	40	39	40	38

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	42,80	4,207	38	48
t1	5	43,40	3,130	40	46
t2	5	42,00	2,449	39	45
t3	5	41,20	1,304	40	43
t4	5	38,60	1,342	37	40

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	42,80	43,40	42,00	41,20	38,60
	Std. Deviation	4,207	3,130	2,449	1,304	1,342
Most Extreme Differences	Absolute	,217	,295	,258	,221	,273
	Positive	,217	,261	,193	,221	,273
	Negative	-,212	-,295	-,258	-,179	-,252
Kolmogorov-Smirnov Z		,485	,660	,578	,495	,610
Asymp. Signifikasi p. (2-tailed)		,973	,776	,892	,967	,851

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	42,80	5	4,207	1,881
	t1	43,40	5	3,130	1,400
Pair 2	t0	42,80	5	4,207	1,881
	t2	42,00	5	2,449	1,095
Pair 3	t0	42,80	5	4,207	1,881
	t3	41,20	5	1,304	,583
Pair 4	t0	42,80	5	4,207	1,881
	t4	38,60	5	1,342	,600

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,938	,018
Pair 2	t0 & t2	5	,995	,000
Pair 3	t0 & t3	5	,419	,482
Pair 4	t0 & t4	5	,469	,425

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-,600	1,673	,748	-2,678	1,478	-,802	4	,468
Pair 2	t0 - t2	,800	1,789	,800	-1,421	3,021	1,000	4	,374
Pair 3	t0 - t3	1,600	3,847	1,720	-3,177	6,377	,930	4	,405
Pair 4	t0 - t4	4,200	3,768	1,685	-,479	8,879	2,492	4	,067

Dosis II

Tikus ke -	Jumlah hematokrit (%)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	43	46	44	41	39
2	45	43	46	43	40
3	39	42	45	40	36
4	38	40	43	39	42
5	40	43	38	38	36

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	41,00	2,915	38	45
t1	5	42,80	2,168	40	46
t2	5	43,20	3,114	38	46
t3	5	40,20	1,924	38	43
t4	5	38,60	2,608	36	42

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal Parameters[a,b]	Mean	41,00	42,80	43,20	40,20	38,60
	Std. Deviation	2,915	2,168	3,114	1,924	2,608
Most Extreme Differences	Absolute	,234	,263	,274	,141	,241
	Positive	,234	,263	,184	,141	,241
	Negative	-,154	-,156	-,274	-,127	-,161
Kolmogorov-Smirnov Z		,524	,589	,614	,316	,538
Asymp. Signifikasi p. (2-tailed)		,947	,879	,846	1,000	,934

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	41,00	5	2,915	1,304
	t1	42,80	5	2,168	,970
Pair 2	t0	41,00	5	2,915	1,304
	t2	43,20	5	3,114	1,393
Pair 3	t0	41,00	5	2,915	1,304
	t3	40,20	5	1,924	,860
Pair 4	t0	41,00	5	2,915	1,304
	t4	38,60	5	2,608	1,166

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,672	,214
Pair 2	t0 & t2	5	,413	,490
Pair 3	t0 & t3	5	,847	,070
Pair 4	t0 & t4	5	,132	,833

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	-1,800	2,168	,970	-4,492	,892	-1,857	4	,137
Pair 2	t0 - t2	-2,200	3,271	1,463	-6,262	1,862	-1,504	4	,207
Pair 3	t0 - t3	,800	1,643	,735	-1,240	2,840	1,089	4	,338
Pair 4	t0 - t4	2,400	3,647	1,631	-2,128	6,928	1,472	4	,215

Dosis III

Tikus ke -	Jumlah hematokrit (%)				
	Minggu 0 (t0)	Minggu 1 (t1)	Minggu 2 (t2)	Minggu 3 (t3)	Minggu 4 (t4)
1	45	44	43	40	43
2	38	40	42	40	35
3	36	38	38	38	39
4	43	43	40	38	41
5	40	40	38	36	38

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	40,40	3,647	36	45
t1	5	41,00	2,449	38	44
t2	5	40,20	2,280	38	43
t3	5	38,40	1,673	36	40
t4	5	39,20	3,033	35	43

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal	Mean	40,40	41,00	40,20	38,40	39,20
Parameters[a,b]	Std. Deviation	3,647	2,449	2,280	1,673	3,033
Most Extreme	Absolute	,162	,258	,233	,231	,146
Differences	Positive	,145	,258	,233	,194	,126
	Negative	-,162	-,193	-,185	-,231	-,146
Kolmogorov-Smirnov Z		,362	,578	,520	,515	,327
Asymp. Signifikasi p. (2-tailed)		,999	,892	,949	,953	1,000

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	40,40	5	3,647	1,631
	t1	41,00	5	2,449	1,095
Pair 2	t0	40,40	5	3,647	1,631
	t2	40,20	5	2,280	1,020
Pair 3	t0	40,40	5	3,647	1,631
	t3	38,40	5	1,673	,748
Pair 4	t0	40,40	5	3,647	1,631
	t4	39,20	5	3,033	1,356

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,980	,004
Pair 2	t0 & t2	5	,559	,327
Pair 3	t0 & t3	5	,213	,731
Pair 4	t0 & t4	5	,759	,136

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	
					Lower	Upper			
Pair 1	t0 - t1	-,600	1,342	,600	-2,266	1,066	-1,000	4	,374
Pair 2	t0 - t2	,200	3,033	1,356	-3,566	3,966	,147	4	,890
Pair 3	t0 - t3	2,000	3,674	1,643	-2,562	6,562	1,217	4	,290
Pair 4	t0 - t4	1,200	2,387	1,068	-1,764	4,164	1,124	4	,324

Aquadest

Tikus ke -	Jumlah hematokrit (%)				
	Minggu 0 (t0)	**Minggu 1 (t1)**	**Minggu (t2)**	**Minggu 3 (t3)**	**Minggu 4 (t4)**
1	45	44	43	40	43
2	38	40	42	40	35
3	36	38	38	38	39
4	43	43	40	38	41
5	40	40	38	36	38

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
t0	5	41,20	4,147	38	48
t1	5	41,00	2,646	38	45
t2	5	41,60	3,050	38	46
t3	5	40,20	3,347	36	44
t4	5	39,40	1,949	37	42

One-Sample Kolmogorov-Smirnov Test

		t0	t1	t2	t3	t4
N		5	5	5	5	5
Normal	Mean	41,20	41,00	41,60	40,20	39,40
Parameters[a,b]	Std. Deviation	4,147	2,646	3,050	3,347	1,949
Most Extreme	Absolute	,224	,247	,178	,199	,221
Differences	Positive	,224	,247	,178	,145	,179
	Negative	-,220	-,153	-,125	-,199	-,221
Kolmogorov-Smirnov Z		,500	,553	,398	,444	,494
Asymp. Signifikasi p. (2-tailed)		,964	,920	,997	,989	,968

a. Test distribution is Normal.

b. Calculated from data.

T-Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	t0	41,20	5	4,147	1,855
	t1	41,00	5	2,646	1,183
Pair 2	t0	41,20	5	4,147	1,855
	t2	41,60	5	3,050	1,364
Pair 3	t0	41,20	5	4,147	1,855
	t3	40,20	5	3,347	1,497
Pair 4	t0	41,20	5	4,147	1,855
	t4	39,40	5	1,949	,872

Paired Samples Correlations

		N	Correlation	Signifikasi p.
Pair 1	t0 & t1	5	,866	,058
Pair 2	t0 & t2	5	,917	,028
Pair 3	t0 & t3	5	,771	,127
Pair 4	t0 & t4	5	,915	,029

Paired Samples Test

		Paired Differences							Signifikasi p. (2-tailed)
					95% Confidence Interval of the Difference				
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	
Pair 1	t0 - t1	,200	2,280	1,020	-2,631	3,031	,196	4	,854
Pair 2	t0 - t2	-,400	1,817	,812	-2,656	1,856	-,492	4	,648
Pair 3	t0 - t3	1,000	2,646	1,183	-2,285	4,285	,845	4	,446
Pair 4	t0 - t4	1,800	2,490	1,114	-1,292	4,892	1,616	4	,181

Analisa statistik *anova* satu jalan pada minggu ke-empat (t4)

Tikus ke -	Jumlah hematokrit (%)			
	Dosis I	**Dosis II**	**Dosis III**	**Aquadest**
1	40	39	43	38
2	40	40	35	40
3	37	36	39	37
4	38	42	41	42
5	38	36	38	40

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Jumlah	20	38,90	2,404	35	43

One-Sample Kolmogorov-Smirnov Test

		jumlah
N		20
Normal Parameters[a,b]	Mean	38,90
	Std. Deviation	2,404
Most Extreme Differences	Absolute	,104
	Positive	,096
	Negative	-,104
Kolmogorov-Smirnov Z		,465
Asymp. Sig. (2-tailed)		,982

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Descriptives

Jumlah

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Dosis I	5	38,60	1,342	,600	36,93	40,27	37	40
Dosis II	5	38,60	2,608	1,166	35,36	41,84	36	42
Dosis III	5	39,20	3,033	1,356	35,43	42,97	35	43
Aquadest	5	39,20	3,033	1,356	35,43	42,97	35	43
Total	20	38,90	2,404	,538	37,77	40,03	35	43

Test of Homogeneity of Variances

Jumlah

Levene Statistic	df1	df2	Sig.
,776	3	16	,524

ANOVA

Jumlah

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1,800	3	,600	,089	,965
Within Groups	108,000	16	6,750		
Total	109,800	19			

Lampiran 17. Tabel ringkasan nilai signifikasi analisa *paired sample t-test*

Perbandingan	Nilai signifikasi berat badan tikus putih			
	Dosis I	Dosis II	Dosis III	Aquadest
t0-t1	,305	,178	,099	,178
t0-t2	,749	,815	,621	,587
t0-t3	,799	1,000	,815	,338
t0-t4	,305	,749	,080	,089

Perbandingan	Nilai signifikasi jumlah eritrosit			
	Dosis I	Dosis II	Dosis III	Aquadest
t0-t1	,426	,859	,778	,585
t0-t2	,959	,716	,509	,051
t0-t3	,535	,465	,151	,840
t0-t4	,143	,226	,076	,095

Perbandingan	Nilai signifikasi jumlah leukosit			
	Dosis I	Dosis II	Dosis III	Aquadest
t0-t1	,495	,675	,233	,765
t0-t2	,403	,209	,220	,621
t0-t3	,208	,167	,154	,137
t0-t4	,065	,119	,083	,117

Perbandingan	Nilai signifikasi jumlah trombosit			
	Dosis I	Dosis II	Dosis III	Aquadest
t0-t1	,152	,374	,753	,322
t0-t2	,430	,090	,444	,310
t0-t3	,068	,109	,301	,438
t0-t4	,051	,135	,142	,649

Perbandingan	Nilai signifikasi persen hematokrit			
	Dosis I	Dosis II	Dosis III	Aquadest
t0-t1	,468	,137	,374	,854
t0-t2	,374	,207	,890	,648
t0-t3	,405	,338	,290	,446
t0-t4	,067	,215	,324	,181