

LAMPIRAN

Lampiran 1. Hasil izin kode etik kehewananan



UNIVERSITAS MUHAMMADIYAH
PURWOKERTO

KOMITE ETIK PENELITIAN KESEHATAN

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

IZIN ETIK PENELITIAN

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Fax. 0281- 6844253

Nomor Registrasi: KEPK/UMP/241/VI/2024

Judul Penelitian : FORMULASI DAN UJI AKTIVITAS KRIM ANTI AGING EKSTRAK
BUNGA ROSELLA (*Hibiscus sabdariffa* L.)

Dokumen : 1. Study Protocol
Penerimaan : 2. Informasi Subyek (*Hibiscus sabdariffa* L.)

Peneliti Utama : FIRDAH RIANTY KASMAN

Pembimbing/
Supervisor : 1. Dr. apt. Gunawan Pamudji Widodo, M.Si
2. apt. Ismi Puspitasari, M.Farm

Tanggal : 26 Juni 2024
Penerimaan

Lokasi Penelitian : UNIVERSITAS SETIA BUDI

Komite Etik Penelitian Kesehatan Universitas Muhammadiyah Purwokerto (KEPK-UMP) telah memeriksa rancangan penelitian terkait berdasarkan prinsip-prinsip *ethical research*, oleh karena itu dapat diakui kebenarannya.

Komite Etik Penelitian Kesehatan Universitas Muhammadiyah Purwokerto (KEPK-UMP) berhak melakukan monitoring terhadap aktifitas penelitian kapan saja diperlukan.

Keputusan investigasi:



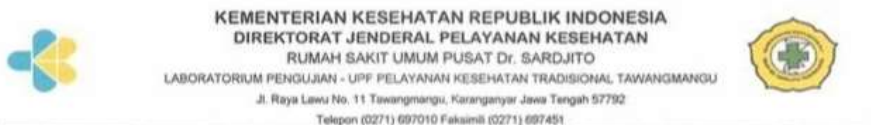
Final Complete

Ketua




Assoc. Prof. Dr. Ns. Umi Solikhah
NIDN. 0622087401

Lampiran 2. Hasil izin kode etik keheewanan



Kepada
Firdah Rianty Kasman
Prodi S1 Farmasi, Fakultas Farmasi, Universitas Setia Budi
Jalan Letjend. Sutoyo, Mojosongo, Jebres, Surakarta 57127

LAPORAN HASIL UJI

Nomor : TL.02.04/D.XI.6/133.144/2024
Nomor permohonan : PE/I/2024/157
Tanggal terbit : 25 Januari 2024
Halaman : 1 dari 2

IDENTITAS SAMPEL

Nama sampel : Rosella
Merek : -
Bentuk sampel : Tanaman Utuh Segar
Keterangan sampel : -

Tanggal Penerimaan : 23 Januari 2024
Tanggal Pelaksanaan : 25 Januari 2024
Jenis Pengujian : Fisika/Kimia/Mikrobiologi
Hasil Pengujian : Terlampir

Laporan Hasil Uji ini hanya berlaku untuk sampel tersebut di atas. Laporan Hasil Uji terdiri dari 2 halaman dan merupakan bagian yang tidak dapat dipisahkan.

HASIL PENGUJIAN

Nomor : TL.02.04/D.XI.6/133.144/2024
 Nomor pengujian : PE/I/2024/157
 Halaman : 2 dari 2

Parameter	Satuan	Hasil	Metode Uji / Teknik
Determinasi Tanaman			Organoleptik
Famili	-	Malvaceae	
Spesies	-	<i>Hibiscus sabdariffa</i> L.	
Sinonim	-	<i>Sabdariffa rubra</i> Kostel.	



Laporan Hasil Uji ini hanya berlaku untuk sampel tersebut di atas. Laporan Hasil Uji terdiri dari 2 halaman dan merupakan bagian yang tidak dapat dipisahkan.

Lampiran 3. Hasil pembelian hewan kelinci

"ABIMANYU FARM"

✓ Mencit putih jantan ✓ Tikus Wistar ✓ Swiss Webster ✓ Cacing
✓ Mencit Balb/C ✓ Kelinci New Zealand

Ngampon RT 04 / RW 04, Mojosongo Kcc. Jebres Surakarta. Phone 0897-8729-933/ Lab USB Ska

Yang bertanda tangan di bawah ini:

Nama : Sigit Pramono

Selaku pengelola Abimanyu Farm, menerangkan bahwa hewan uji yang digunakan untuk penelitian, oleh:

Nama : Firdah Rianty Kasman

NIM : 26206252A

Institusi : Universitas Setia Budi Surakarta

Merupakan hewan uji dengan spesifikasi sebagai berikut:

Jenis hewan : Kelinci New Zealand

Umur : 2-3 bulan

Jenis kelamin : Jantan

Jumlah : 5 ekor

Keterangan : Sehat

Asal-usul : Unit Pengembangan Hewan Percobaan Boyolali

Yang pengembangan dan pengelolaannya disesuaikan standar baku penelitian. Demikian surat keterangan ini dibuat untuk digunakan sebagaimana mestinya.

Surakarta, 02 Juli 2020

Hormat kami



Sigit Pramono

"ABIMANYU FARM"

Lampiran 4. Gambar Proses Penelitian Bahan Alam**BUNGA ROSELLA KERING****ALAT PENGGIILING****Uji Senyawa Antosianin****Uji Senyawa Flavonoid, Tanin, Saponin****Uji Susut Pengeringan Serbuk****Uji Kadar Air Ekstrak****Ekstrak bunga rosella****Serbuk bunga rosella**

Lampiran 5. Data Perhitungan Rendemen Serbuk

Sampel	Bobot Basah(gram)	Bobot kering(gram)	Rendemen (%)
<i>Bunga Rosella</i>	7.000	1000	14,28

Perhitungan Rendemen Serbuk :

$rendemen = \text{beratserbukkering (g)} / \text{beratserbukbasah (g)} \times 100$

$rendemen = 1.000 / 7.000 \times 100 = 14,28 \%$

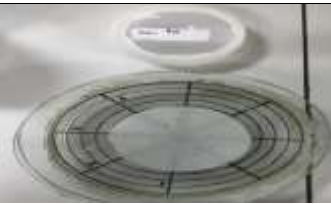
Lampiran 6. Data perhitungan rendemen ekstrak

Sampel	Bobot Serbuk(gr)	Bobot ekstrak(gr)	Rendemen (%)
Ekstrakbunga rosella	600	217	36.16

$Rendemen = \text{bobot ekstrak (g)} / \text{bobot serbuk (g)} \times 100 \%$

$= 217 / 600 \times 100 \% = 36,16\%$

Lampiran 7. Pembuatan krim dan uji mutu fisik

 Bahan-bahan pembuatan krim	 Hasil krim ekstrak bunga rosella
 Hasil Krim F1,F2,F3,F4	 krim setelah Uji stabilitas
 Uji daya sebar krim	 Uji ph krim
 Uji viskositas	 Uji hantaran listrik
 Uji stabilitas suhu dingin	 Uji stabilitas di oven

Lampiran 8. Pembuatan krim dan uji mutu fisik

	
Pencukuran bulu kelinci	Uji iritasi krim di punggung kelinci
	
Penyinaran selama 7 hari	Pengecekan parameter dengan alat skin anylizer

Lampiran 9. Pembuatan krim dan uji mutu fisik

Proses pengolesan kelinci I



Proses pengolesan kelinci II



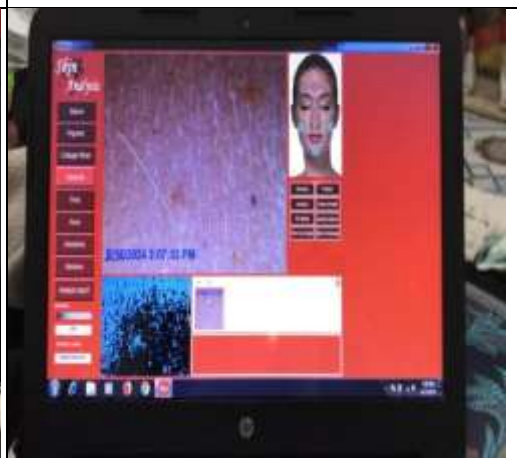
Proses pengolesan kelinci III



Pengolesan kelinci VI



Pengolesan kelinci kelinci V



Parameter alat skin anylizer

Lampiran 10. Data hasil uji mutu fisik Data Ph

	FORMULA I	FORMULA II	FORMULA III	FORMULA IV
Replikasi 1	4.5	5.94	6.94	6.57
Replikasi 2	5.07	5.89	6.03	6.02
Replikasi 3	6.89	6.98	5.99	6.72
RATA-RATA	5.48	6.27	6.32	6.43
SD	1.248292167	0.615386058	0.537308105	0.36855574

Data Ph setelah stabilitas

	FORMULA I	FORMULA II	FORMULA III	FORMULA IV
R1	5.54	6.09	6.29	5.96
R2	5.19	6.11	6.33	6.03
R3	5.29	6.14	6.22	6.11
RATA-RATA	5.34	6.11	6.28	6.03
SD	0.18	0.02	0.05	0.07

Data viskositas

Formula	Replikasi 1 (cPs)	Replikasi 2 (cPs)	Replikasi 3 (cPs)	Rata-Rata	SD
Formula 1	25	26,8	33,6	28,45	3,70
Formula 2	40,4	32,4	29,6	34,13	5,60
Formula 3	40,4	32,4	37,4	34,33	3,32
Formula 4	41,8	30,2	29	33,6	7,06

Data viskositas setelah stabilitas

	FORMULA I	FORMULA II	FORMULA III	FORMULA IV
R 1	22.43	35.2	30.4	34.22
R 2	22.8	35.8	35.2	34.23
R 3	26.6	36.2	36	35.2
RATA-RATA	23.94	35.73	33.86	34.55
SD	2.308	0.50	3.028	0.562

Lampiran 11. Data hasil Anti aging Hasil Data Parameter Sebum

SEBUM T0					
	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	5	6	3	7	7
Kelinci 2	6	4	4	6	5
Kelinci 3	7	4	5	5	4
Kelinci 4	8	6	6	6	3
Kelinci 5	8	5	3	4	4
Rata-Rata	6.8	5	4.2	5.6	4.6
SD	1.303840481	1	1.303840481	1.140175425	1.516575
SETELAH PENYINARAN					
	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	4	3	3	3	6
Kelinci 2	5	4	4	4	4
Kelinci 3	3	5	3	5	3
Kelinci 4	4	3	4	3	4
Kelinci 5	4	4	5	4	3
Rata-Rata	4	3.8	3.8	3.8	4
SD	0.707106781	0.836660027	0.836660027	0.836660027	1.224745
HARI KE-30					
	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	6	6	9	9	9
kelinci 2	6	5	6	14	9
kelinci 3	6	9	5	9	14
kelinci 4	7	7	9	6	9
kelinci 5	5	6	5	14	14
Rata-Rata	6	6.6	6.8	10.4	11
SD	0.707106781	1.516575089	2.049390153	3.507136	2.738612788

Hasil Data Parameter Kolagen

COLLAGEN T0					
	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	26	55	25	68	25
Kelinci 2	35	45	25	28	28
Kelinci 3	45	55	36	26	25
Kelinci 4	50	25	36	35	35
Kelinci 5	55	60	35	49	45
Rata-Rata	42.2	48	31.4	41.2	31.6
SD	11.69187752	13.96424004	5.856620186	17.48427865	8.532292
SETELAH PENYINARAN					
	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	25	25	26	33	25
Kelinci 2	25	30	27	25	26
Kelinci 3	25	32	28	25	30
Kelinci 4	33	30	25	25	32
Kelinci 5	45	33	25	33	35
Rata-Rata	30.6	30	26.2	26	29.6
SD	8.76356092	3.082207001	1.303840481	4.38178046	4.159327
HARI KE-30					

	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	35	30	26	45	56
kelinci 2	36	48	56	45	56
kelinci 3	50	49	39	48	66
kelinci 4	56	50	70	56	70
kelinci 5	56	58	56	60	70
Rata-Rata	46.6	47	49.4	50.8	63.6
SD	10.43072385	10.29563	17.08215443	6.833739825	7.127411872

Hasil Data Parameter Elastis

ELASTIS T0					
	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	50	71	30	63	35
Kelinci 2	60	42	42	42	21
Kelinci 3	37	71	45	43	25
Kelinci 4	50	71	25	63	21
Kelinci 5	60	21	42	42	18
Rata-Rata	51.4	55.2	36.8	50.6	24
SD	9.476286192	22.87356553	8.757853618	11.32695899	6.63325
		SETELAH PENYINARAN			
	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	17	15	25	21	25
Kelinci 2	16	16	19	20	22
Kelinci 3	20	20	18	22	20
Kelinci 4	23	23	18	22	22
Kelinci 5	25	25	20	23	25
Rata-Rata	20.2	19.8	20	21.6	22.8
SD	3.8340579	4.324349662	2.9154759	1.1401754	2.1679483
		HARI KE-30			
	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	60	45	50	50	70
kelinci 2	46	50	60	60	70
kelinci 3	43	60	50	65	71
kelinci 4	50	65	71	60	75
kelinci 5	60	66	60	66	75
Rata-Rata	51.8	57.2	58.2	60.2	72.2
SD	7.886697661	9.311283478	8.729261137	6.340347	2.588435821

Hasil Data Parameter Moisture

MOISTURE T0					
	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	29	15	46	8	55
Kelinci 2	16	15	38	33	63
Kelinci 3	43	16	74	30	50
Kelinci 4	34	30	74	38	55
Kelinci 5	43	33	74	33	64
Rata-Rata	33	21.8	61.2	28.4	57.4
SD	11.24722188	8.927485648	17.75387282	10.51855503	5.314132
SETELAH PENYINARAN					

	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	3	10	4	3	8
Kelinci 2	4	15	5	3	9
Kelinci 3	5	7	7	10	9
Kelinci 4	8	10	8	10	10
Kelinci 5	3	7	8	7	10
Rata-Rata	4.6	9.8	6.4	6.6	9.2
SD	2.073644135	3.271085447	1.816590212	3.507135583	0.748331
HARI KE 30					
	Formula 1(%)	Formula 2(%)	Formula 3(%)	Formula 4(%)	KK(+)
Kelinci 1	63	46	40	50	50
kelinci 2	38	50	57	50	57
kelinci 3	46	65	60	65	60
kelinci 4	43	60	60	60	57
kelinci 5	50	50	55	55	65
Rata-Rata	48	54.2	54.4	56	57.8
SD	9.460443964	7.949842766	8.324662155	6.519202405	5.449771

Lampiran 12. Hasil data analisis Uji Mutu fisik Hasil analisis stabilitas Ph

Tests of Normality

		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	PH	Statistic	df	Sig.	Statistic	df	Sig.
sebelum	formulasi 1	.297	3	.	.916	3	.440
	formulasi 2	.371	3	.	.784	3	.078
	formulasi 3	.372	3	.	.782	3	.071
	formulasi 4	.308	3	.	.902	3	.391
sesuda	formulasi 1	.276	3	.	.942	3	.537
	formulasi 2	.219	3	.	.987	3	.780
	formulasi 3	.238	3	.	.976	3	.702
	formulasi 4	.184	3	.	.999	3	.927

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
sebelum	Between Groups	1.691	3	.564	.955	.459
	Within Groups	4.723	8	.590		
	Total	6.414	11			
sesuda	Between Groups	1.543	3	.514	49.141	.000
	Within Groups	.084	8	.010		
	Total	1.627	11			

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) PH	(J) PH	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
sebelum	formulasi 1	formulasi 2	-.78333	.62736	.616	-2.7924	1.2257
		formulasi 3	-.83333	.62736	.572	-2.8424	1.1757
		formulasi 4	-.95000	.62736	.473	-2.9590	1.0590
	formulasi 2	formulasi 1	.78333	.62736	.616	-1.2257	2.7924
		formulasi 3	-.05000	.62736	1.000	-2.0590	1.9590
		formulasi 4	-.16667	.62736	.993	-2.1757	1.8424
	formulasi 3	formulasi 1	.83333	.62736	.572	-1.1757	2.8424
		formulasi 2	.05000	.62736	1.000	-1.9590	2.0590
		formulasi 4	-.11667	.62736	.998	-2.1257	1.8924
	formulasi 4	formulasi 1	.95000	.62736	.473	-1.0590	2.9590
		formulasi 2	.16667	.62736	.993	-1.8424	2.1757
		formulasi 3	.11667	.62736	.998	-1.8924	2.1257
sesuda	formulasi 1	formulasi 2	-.77333*	.08353	.000	-1.0408	-.5058
		formulasi 3	-.94000*	.08353	.000	-1.2075	-.6725
		formulasi 4	-.69333*	.08353	.000	-.9608	-.4258
	formulasi 2	formulasi 1	.77333*	.08353	.000	.5058	1.0408
		formulasi 3	-.16667	.08353	.266	-.4342	.1008
		formulasi 4	.08000	.08353	.776	-.1875	.3475

formulasi 3	formulasi 1	.94000*	.08353	.000	.6725	1.2075
	formulasi 2	.16667	.08353	.266	-.1008	.4342
	formulasi 4	.24667	.08353	.071	-.0208	.5142
formulasi 4	formulasi 1	.69333*	.08353	.000	.4258	.9608
	formulasi 2	-.08000	.08353	.776	-.3475	.1875
	formulasi 3	-.24667	.08353	.071	-.5142	.0208

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
pH sebelum	Based on Mean	5.277	4	10	.015
	Based on Median	1.054	4	10	.428
	Based on Median and with adjusted df	1.054	4	3.671	.487
	Based on trimmed mean	4.758	4	10	.021
pH sesudah	Based on Mean	1.652	4	10	.237
	Based on Median	.998	4	10	.452
	Based on Median and with adjusted df	.998	4	5.296	.483
	Based on trimmed mean	1.609	4	10	.247
Daya lekat	Based on Mean	.545	4	10	.707
	Based on Median	.545	4	10	.707
	Based on Median and with adjusted df	.545	4	6.914	.709
	Based on trimmed mean	.545	4	10	.707
Viskositas sebelum	Based on Mean	.944	4	10	.478
	Based on Median	.420	4	10	.791
	Based on Median and with adjusted df	.420	4	7.867	.790
	Based on trimmed mean	.903	4	10	.498
Viskositas sesudah	Based on Mean	2.889	4	10	.079
	Based on Median	2.822	4	10	.084
	Based on Median and with adjusted df	2.822	4	2.361	.249
	Based on trimmed mean	2.886	4	10	.079

Paired Samples Test

Paired Differences		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
					Lower	Upper			
Pair 1	sebelum - sesudah	.18667	.69571	.20083	-.25536	.62870	.929	11	.373

Hasil analisis stabilitas Viskositas

Tests of Normality

	Kolmogorov-Smirnov ^a				Shapiro-Wilk		
	viskositas	Statistic	df	Sig.	Statistic	df	Sig.
sebelum	formula 1	.310	3	.	.899	3	.381
	formula 2	.288	3	.	.928	3	.482
	formula 3	.186	3	.	.998	3	.921
	formula 4	.355	3	.	.820	3	.162
sesudah	formula 1	.356	3	.	.816	3	.153
	formula 2	.219	3	.	.987	3	.780
	formula 3	.337	3	.	.855	3	.253
	formula 4	.382	3	.	.758	3	.017

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) viskositas	(J) viskositas	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
sebelum	formula 1	formula 2	-5.66667	4.27811	.574	-19.3667	8.0333
		formula 3	3.80000	4.27811	.811	-9.9000	17.5000
		formula 4	-5.20000	4.27811	.635	-18.9000	8.5000
	formula 2	formula 1	5.66667	4.27811	.574	-8.0333	19.3667
		formula 3	9.46667	4.27811	.199	-4.2333	23.1667
		formula 4	.46667	4.27811	.999	-13.2333	14.1667
	formula 3	formula 1	-3.80000	4.27811	.811	-17.5000	9.9000
		formula 2	-9.46667	4.27811	.199	-23.1667	4.2333
		formula 4	-9.00000	4.27811	.231	-22.7000	4.7000
	formula 4	formula 1	5.20000	4.27811	.635	-8.5000	18.9000
		formula 2	-.46667	4.27811	.999	-14.1667	13.2333
		formula 3	9.00000	4.27811	.231	-4.7000	22.7000
sesudah	formula 1	formula 2	-11.79000*	1.58489	.000	-16.8654	-6.7146
		formula 3	-9.92333*	1.58489	.001	-14.9987	-4.8480
		formula 4	-10.60667*	1.58489	.001	-15.6820	-5.5313
	formula 2	formula 1	11.79000*	1.58489	.000	6.7146	16.8654
		formula 3	1.86667	1.58489	.656	-3.2087	6.9420
		formula 4	1.18333	1.58489	.876	-3.8920	6.2587
	formula 3	formula 1	9.92333*	1.58489	.001	4.8480	14.9987
		formula 2	-1.86667	1.58489	.656	-6.9420	3.2087
		formula 4	-.68333	1.58489	.971	-5.7587	4.3920
	formula 4	formula 1	10.60667*	1.58489	.001	5.5313	15.6820
		formula 2	-1.18333	1.58489	.876	-6.2587	3.8920
		formula 3	.68333	1.58489	.971	-4.3920	5.7587

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
sebelum	Between Groups	183.320	3	61.107	2.226	.163
	Within Groups	219.627	8	27.453		
	Total	402.947	11			
sesudah	Between Groups	266.497	3	88.832	23.577	.000
	Within Groups	30.142	8	3.768		
	Total	296.640	11			

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
pH sebelum	Based on Mean	5.277	4	10	.015
	Based on Median	1.054	4	10	.428
	Based on Median and with adjusted df	1.054	4	3.671	.487
	Based on trimmed mean	4.758	4	10	.021
pH sesudah	Based on Mean	1.652	4	10	.237
	Based on Median	.998	4	10	.452
	Based on Median and with adjusted df	.998	4	5.296	.483
	Based on trimmed mean	1.609	4	10	.247
Daya lekat	Based on Mean	.545	4	10	.707
	Based on Median	.545	4	10	.707
	Based on Median and with adjusted df	.545	4	6.914	.709
	Based on trimmed mean	.545	4	10	.707
Viskositas sebelum	Based on Mean	.944	4	10	.478
	Based on Median	.420	4	10	.791
	Based on Median and with adjusted df	.420	4	7.867	.790
	Based on trimmed mean	.903	4	10	.498
Viskositas sesudah	Based on Mean	2.889	4	10	.079
	Based on Median	2.822	4	10	.084
	Based on Median and with adjusted df	2.822	4	2.361	.249
	Based on trimmed mean	2.886	4	10	.079

Paired Samples Test

Paired Differences		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
					Lower	Upper			
Pair 1	sebelum - sesudah	-1.79000	6.82464	1.97010	-6.12617	2.54617	-.909	11	.383

Lampiran 13. Hasil data analisis Anti Aging

Tests of Normality

	Kolmogorov-Smirnov ^a				Shapiro-Wilk		
	formula	Statistic	df	Sig.	Statistic	df	Sig.
t0_sebum	Formula 1	.221	5	.200*	.902	5	.421
	Formula 2	.283	4	.	.863	4	.272
	Formula 3	.237	5	.200*	.961	5	.814
	Formula 4	.237	5	.200*	.961	5	.814
	KK (+)	.254	5	.200*	.914	5	.492
t1_sebum	Formula 1	.300	5	.161	.883	5	.325
	Formula 2	.250	4	.	.945	4	.683
	Formula 3	.231	5	.200*	.881	5	.314
	Formula 4	.231	5	.200*	.881	5	.314
	KK (+)	.300	5	.161	.833	5	.146
t30_sebum	Formula 1	.300	5	.161	.883	5	.325
	Formula 2	.192	4	.	.971	4	.850
	Formula 3	.258	5	.200*	.782	5	.057
	Formula 4	.367	5	.026	.684	5	.006
	KK (+)	.255	5	.200*	.865	5	.247
t0_collagen	Formula 1	.245	5	.200*	.934	5	.624
	Formula 2	.218	4	.	.920	4	.538
	Formula 3	.376	5	.020	.739	5	.023
	Formula 4	.239	5	.200*	.890	5	.356
	KK (+)	.263	5	.200*	.847	5	.186
t1_collagen	Formula 1	.339	5	.062	.754	5	.033
	Formula 2	.298	4	.	.849	4	.224
	Formula 3	.141	5	.200*	.979	5	.928
	Formula 4	.252	5	.200*	.811	5	.099
	KK (+)	.207	5	.200*	.947	5	.715
t30_collagen	Formula 1	.250	5	.200*	.953	5	.757
	Formula 2	.271	4	.	.814	4	.130
	Formula 3	.259	5	.200*	.853	5	.205
	Formula 4	.257	5	.200*	.792	5	.069
	KK (+)	.339	5	.062	.860	5	.227
t0_elastis	Formula 1	.241	5	.200*	.872	5	.276
	Formula 2	.291	4	.	.862	4	.269
	Formula 3	.324	5	.094	.854	5	.208
	Formula 4	.349	5	.046	.705	5	.011
	KK (+)	.274	5	.200*	.855	5	.210
t1_elastis	Formula 1	.274	5	.200*	.888	5	.349
	Formula 2	.195	4	.	.971	4	.850
	Formula 3	.278	5	.200*	.821	5	.118
	Formula 4	.213	5	.200*	.939	5	.656
	KK (+)	.179	5	.200*	.984	5	.955
t30_elastis	Formula 1	.226	5	.200*	.879	5	.306
	Formula 2	.237	4	.	.926	4	.569
	Formula 3	.218	5	.200*	.891	5	.362

t0_mois	Formula 4	.279	5	.200*	.766	5	.041
	KK (+)	.291	5	.193	.833	5	.147
	Formula 1	.213	5	.200*	.899	5	.403
	Formula 2	.289	4	.	.828	4	.162
	Formula 3	.365	5	.029	.747	5	.028
t1_mois	Formula 4	.354	5	.039	.772	5	.047
	KK (+)	.257	5	.200*	.894	5	.378
	Formula 1	.224	5	.200*	.842	5	.171
	Formula 2	.267	4	.	.841	4	.199
	Formula 3	.229	5	.200*	.867	5	.254
t30_mois	Formula 4	.248	5	.200*	.817	5	.112
	KK (+)	.231	5	.200*	.881	5	.314
	Formula 1	.216	5	.200*	.936	5	.638
	Formula 2	.265	4	.	.856	4	.245
	Formula 3	.237	5	.200*	.950	5	.735
	Formula 4	.221	5	.200*	.902	5	.421
	KK (+)	.243	5	.200*	.884	5	.329

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
t0_sebum	Based on Mean	.261	4	20	.900
	Based on Median	.125	4	20	.972
	Based on Median and with adjusted df	.125	4	15.260	.971
	Based on trimmed mean	.216	4	20	.927
t1_sebum	Based on Mean	2.482	4	20	.077
	Based on Median	.486	4	20	.746
	Based on Median and with adjusted df	.486	4	12.035	.746
	Based on trimmed mean	2.302	4	20	.094
t30_sebum	Based on Mean	3.745	4	20	.020
	Based on Median	.760	4	20	.564
	Based on Median and with adjusted df	.760	4	12.468	.570
	Based on trimmed mean	3.574	4	20	.024
t0_collagen	Based on Mean	1.248	4	19	.325
	Based on Median	.550	4	19	.701
	Based on Median and with adjusted df	.550	4	8.411	.704
	Based on trimmed mean	1.067	4	19	.400
t1_collagen	Based on Mean	1.441	4	20	.257
	Based on Median	.804	4	20	.537
	Based on Median and with adjusted df	.804	4	9.758	.551
	Based on trimmed mean	1.417	4	20	.264
t30_collagen	Based on Mean	.903	4	20	.481
	Based on Median	.448	4	20	.772
	Based on Median and with adjusted df	.448	4	17.367	.772
	Based on trimmed mean	.884	4	20	.491
t0_elastis	Based on Mean	.799	4	20	.540
	Based on Median	.553	4	20	.699
	Based on Median and with adjusted df	.553	4	19.106	.699
	Based on trimmed mean	.811	4	20	.533

t1_elastis	Based on Mean	1.500	4	20	.240
	Based on Median	.477	4	20	.752
	Based on Median and with adjusted df	.477	4	10.962	.752
	Based on trimmed mean	1.156	4	20	.359
t30_elastis	Based on Mean	.563	4	20	.692
	Based on Median	.212	4	20	.929
	Based on Median and with adjusted df	.212	4	18.534	.928
	Based on trimmed mean	.534	4	20	.712
t0_mois	Based on Mean	.034	4	20	.998
	Based on Median	.041	4	20	.997
	Based on Median and with adjusted df	.041	4	18.904	.997
	Based on trimmed mean	.032	4	20	.998
t1_mois	Based on Mean	2.986	4	20	.044
	Based on Median	.891	4	20	.488
	Based on Median and with adjusted df	.891	4	10.581	.502
	Based on trimmed mean	2.759	4	20	.056
t30_mois	Based on Mean	.342	4	20	.847
	Based on Median	.127	4	20	.971
	Based on Median and with adjusted df	.127	4	17.070	.970
	Based on trimmed mean	.306	4	20	.871

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
t0_sebum	Between Groups	2.640	4	.660	.295	.878
	Within Groups	44.800	20	2.240		
	Total	47.440	24			
t1_sebum	Between Groups	1.040	4	.260	.333	.852
	Within Groups	15.600	20	.780		
	Total	16.640	24			
t30_sebum	Between Groups	5.360	4	1.340	.126	.971
	Within Groups	212.000	20	10.600		
	Total	217.360	24			
t0_collagen	Between Groups	664.425	4	166.106	1.170	.355
	Within Groups	2698.200	19	142.011		
	Total	3362.625	23			
t1_collagen	Between Groups	196.240	4	49.060	2.963	.045
	Within Groups	331.200	20	16.560		
	Total	527.440	24			
t30_collagen	Between Groups	1675.840	4	418.960	4.876	.007
	Within Groups	1718.400	20	85.920		
	Total	3394.240	24			
t0_elastis	Between Groups	492.000	4	123.000	.389	.814
	Within Groups	6330.000	20	316.500		
	Total	6822.000	24			
t1_elastis	Between Groups	183.440	4	45.860	.435	.782
	Within Groups	2108.400	20	105.420		
	Total	2291.840	24			
t30_elastis	Between Groups	541.840	4	135.460	1.455	.253

	Within Groups	1862.400	20	93.120		
	Total	2404.240	24			
t0_mois	Between Groups	1351.360	4	337.840	.871	.499
	Within Groups	7760.400	20	388.020		
	Total	9111.760	24			
t1_mois	Between Groups	33.440	4	8.360	.909	.478
	Within Groups	184.000	20	9.200		
	Total	217.440	24			
t30_mois	Between Groups	151.840	4	37.960	.608	.661
	Within Groups	1248.000	20	62.400		
	Total	1399.840	24			

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) kelinci	(J) kelinci	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
t0_sebum	Kelinci 1	Kelinci 2	.60000	.94657	.968	-2.2325	3.4325
		Kelinci 3	.60000	.94657	.968	-2.2325	3.4325
		Kelinci 4	-.20000	.94657	1.000	-3.0325	2.6325
		Kelinci 5	.40000	.94657	.993	-2.4325	3.2325
	Kelinci 2	Kelinci 1	-.60000	.94657	.968	-3.4325	2.2325
		Kelinci 3	.00000	.94657	1.000	-2.8325	2.8325
		Kelinci 4	-.80000	.94657	.913	-3.6325	2.0325
		Kelinci 5	-.20000	.94657	1.000	-3.0325	2.6325
	Kelinci 3	Kelinci 1	-.60000	.94657	.968	-3.4325	2.2325
		Kelinci 2	.00000	.94657	1.000	-2.8325	2.8325
		Kelinci 4	-.80000	.94657	.913	-3.6325	2.0325
		Kelinci 5	-.20000	.94657	1.000	-3.0325	2.6325
	Kelinci 4	Kelinci 1	.20000	.94657	1.000	-2.6325	3.0325
		Kelinci 2	.80000	.94657	.913	-2.0325	3.6325
		Kelinci 3	.80000	.94657	.913	-2.0325	3.6325
		Kelinci 5	.60000	.94657	.968	-2.2325	3.4325
	Kelinci 5	Kelinci 1	-.40000	.94657	.993	-3.2325	2.4325
		Kelinci 2	.20000	.94657	1.000	-2.6325	3.0325
		Kelinci 3	.20000	.94657	1.000	-2.6325	3.0325
		Kelinci 4	-.60000	.94657	.968	-3.4325	2.2325
t1_sebum	Kelinci 1	Kelinci 2	-.40000	.55857	.950	-2.0714	1.2714
		Kelinci 3	.00000	.55857	1.000	-1.6714	1.6714
		Kelinci 4	.20000	.55857	.996	-1.4714	1.8714
		Kelinci 5	-.20000	.55857	.996	-1.8714	1.4714
	Kelinci 2	Kelinci 1	.40000	.55857	.950	-1.2714	2.0714
		Kelinci 3	.40000	.55857	.950	-1.2714	2.0714
		Kelinci 4	.60000	.55857	.817	-1.0714	2.2714
		Kelinci 5	.20000	.55857	.996	-1.4714	1.8714
	Kelinci 3	Kelinci 1	.00000	.55857	1.000	-1.6714	1.6714
		Kelinci 2	-.40000	.55857	.950	-2.0714	1.2714

		Kelinci 4	.20000	.55857	.996	-1.4714	1.8714
		Kelinci 5	-.20000	.55857	.996	-1.8714	1.4714
	Kelinci 4	Kelinci 1	-.20000	.55857	.996	-1.8714	1.4714
		Kelinci 2	-.60000	.55857	.817	-2.2714	1.0714
		Kelinci 3	-.20000	.55857	.996	-1.8714	1.4714
		Kelinci 5	-.40000	.55857	.950	-2.0714	1.2714
	Kelinci 5	Kelinci 1	.20000	.55857	.996	-1.4714	1.8714
		Kelinci 2	-.20000	.55857	.996	-1.8714	1.4714
		Kelinci 3	.20000	.55857	.996	-1.4714	1.8714
		Kelinci 4	.40000	.55857	.950	-1.2714	2.0714
t30_sebum	Kelinci 1	Kelinci 2	-.20000	2.05913	1.000	-6.3617	5.9617
		Kelinci 3	-.80000	2.05913	.995	-6.9617	5.3617
		Kelinci 4	.20000	2.05913	1.000	-5.9617	6.3617
		Kelinci 5	-1.00000	2.05913	.988	-7.1617	5.1617
	Kelinci 2	Kelinci 1	.20000	2.05913	1.000	-5.9617	6.3617
		Kelinci 3	-.60000	2.05913	.998	-6.7617	5.5617
		Kelinci 4	.40000	2.05913	1.000	-5.7617	6.5617
		Kelinci 5	-.80000	2.05913	.995	-6.9617	5.3617
	Kelinci 3	Kelinci 1	.80000	2.05913	.995	-5.3617	6.9617
		Kelinci 2	.60000	2.05913	.998	-5.5617	6.7617
		Kelinci 4	1.00000	2.05913	.988	-5.1617	7.1617
		Kelinci 5	-.20000	2.05913	1.000	-6.3617	5.9617
	Kelinci 4	Kelinci 1	-.20000	2.05913	1.000	-6.3617	5.9617
		Kelinci 2	-.40000	2.05913	1.000	-6.5617	5.7617
		Kelinci 3	-1.00000	2.05913	.988	-7.1617	5.1617
		Kelinci 5	-1.20000	2.05913	.976	-7.3617	4.9617
	Kelinci 5	Kelinci 1	1.00000	2.05913	.988	-5.1617	7.1617
		Kelinci 2	.80000	2.05913	.995	-5.3617	6.9617
		Kelinci 3	.20000	2.05913	1.000	-5.9617	6.3617
		Kelinci 4	1.20000	2.05913	.976	-4.9617	7.3617
t0_collagen	Kelinci 1	Kelinci 2	4.10000	7.99404	.985	-19.9397	28.1397
		Kelinci 3	2.90000	7.99404	.996	-21.1397	26.9397
		Kelinci 4	1.50000	7.99404	1.000	-22.5397	25.5397
		Kelinci 5	-10.30000	7.99404	.701	-34.3397	13.7397
	Kelinci 2	Kelinci 1	-4.10000	7.99404	.985	-28.1397	19.9397
		Kelinci 3	-1.20000	7.53686	1.000	-23.8649	21.4649
		Kelinci 4	-2.60000	7.53686	.997	-25.2649	20.0649
		Kelinci 5	-14.40000	7.53686	.345	-37.0649	8.2649
	Kelinci 3	Kelinci 1	-2.90000	7.99404	.996	-26.9397	21.1397
		Kelinci 2	1.20000	7.53686	1.000	-21.4649	23.8649
		Kelinci 4	-1.40000	7.53686	1.000	-24.0649	21.2649
		Kelinci 5	-13.20000	7.53686	.428	-35.8649	9.4649
	Kelinci 4	Kelinci 1	-1.50000	7.99404	1.000	-25.5397	22.5397
		Kelinci 2	2.60000	7.53686	.997	-20.0649	25.2649
		Kelinci 3	1.40000	7.53686	1.000	-21.2649	24.0649
		Kelinci 5	-11.80000	7.53686	.535	-34.4649	10.8649
	Kelinci 5	Kelinci 1	10.30000	7.99404	.701	-13.7397	34.3397
		Kelinci 2	14.40000	7.53686	.345	-8.2649	37.0649

		Kelinci 3	13.20000	7.53686	.428	-9.4649	35.8649
		Kelinci 4	11.80000	7.53686	.535	-10.8649	34.4649
t1_collagen	Kelinci 1	Kelinci 2	1.20000	2.57371	.990	-6.5015	8.9015
		Kelinci 3	-.20000	2.57371	1.000	-7.9015	7.5015
		Kelinci 4	-3.00000	2.57371	.770	-10.7015	4.7015
		Kelinci 5	-6.60000	2.57371	.116	-14.3015	1.1015
	Kelinci 2	Kelinci 1	-1.20000	2.57371	.990	-8.9015	6.5015
Kelinci 3		-1.40000	2.57371	.981	-9.1015	6.3015	
Kelinci 4		-4.20000	2.57371	.495	-11.9015	3.5015	
Kelinci 5		-7.80000*	2.57371	.046	-15.5015	-.0985	
	Kelinci 3	Kelinci 1	.20000	2.57371	1.000	-7.5015	7.9015
Kelinci 2		1.40000	2.57371	.981	-6.3015	9.1015	
Kelinci 4		-2.80000	2.57371	.811	-10.5015	4.9015	
Kelinci 5		-6.40000	2.57371	.134	-14.1015	1.3015	
	Kelinci 4	Kelinci 1	3.00000	2.57371	.770	-4.7015	10.7015
Kelinci 2		4.20000	2.57371	.495	-3.5015	11.9015	
Kelinci 3		2.80000	2.57371	.811	-4.9015	10.5015	
Kelinci 5		-3.60000	2.57371	.635	-11.3015	4.1015	
	Kelinci 5	Kelinci 1	6.60000	2.57371	.116	-1.1015	14.3015
Kelinci 2		7.80000*	2.57371	.046	.0985	15.5015	
Kelinci 3		6.40000	2.57371	.134	-1.3015	14.1015	
Kelinci 4		3.60000	2.57371	.635	-4.1015	11.3015	
t30_collagen	Kelinci 1	Kelinci 2	-9.80000	5.86242	.472	-27.3426	7.7426
		Kelinci 3	-12.00000	5.86242	.281	-29.5426	5.5426
		Kelinci 4	-22.00000*	5.86242	.010	-39.5426	-4.4574
		Kelinci 5	-21.60000*	5.86242	.011	-39.1426	-4.0574
	Kelinci 2	Kelinci 1	9.80000	5.86242	.472	-7.7426	27.3426
		Kelinci 3	-2.20000	5.86242	.995	-19.7426	15.3426
		Kelinci 4	-12.20000	5.86242	.266	-29.7426	5.3426
		Kelinci 5	-11.80000	5.86242	.296	-29.3426	5.7426
	Kelinci 3	Kelinci 1	12.00000	5.86242	.281	-5.5426	29.5426
		Kelinci 2	2.20000	5.86242	.995	-15.3426	19.7426
		Kelinci 4	-10.00000	5.86242	.453	-27.5426	7.5426
		Kelinci 5	-9.60000	5.86242	.492	-27.1426	7.9426
	Kelinci 4	Kelinci 1	22.00000*	5.86242	.010	4.4574	39.5426
		Kelinci 2	12.20000	5.86242	.266	-5.3426	29.7426
		Kelinci 3	10.00000	5.86242	.453	-7.5426	27.5426
		Kelinci 5	.40000	5.86242	1.000	-17.1426	17.9426
	Kelinci 5	Kelinci 1	21.60000*	5.86242	.011	4.0574	39.1426
		Kelinci 2	11.80000	5.86242	.296	-5.7426	29.3426
		Kelinci 3	9.60000	5.86242	.492	-7.9426	27.1426
		Kelinci 4	-.40000	5.86242	1.000	-17.9426	17.1426
t0_elastis	Kelinci 1	Kelinci 2	8.40000	11.25167	.943	-25.2692	42.0692
		Kelinci 3	5.60000	11.25167	.987	-28.0692	39.2692
		Kelinci 4	3.80000	11.25167	.997	-29.8692	37.4692
		Kelinci 5	13.20000	11.25167	.766	-20.4692	46.8692
	Kelinci 2	Kelinci 1	-8.40000	11.25167	.943	-42.0692	25.2692
		Kelinci 3	-2.80000	11.25167	.999	-36.4692	30.8692

Kelinci 3		Kelinci 4	-4.60000	11.25167	.994	-38.2692	29.0692
		Kelinci 5	4.80000	11.25167	.993	-28.8692	38.4692
		Kelinci 1	-5.60000	11.25167	.987	-39.2692	28.0692
		Kelinci 2	2.80000	11.25167	.999	-30.8692	36.4692
		Kelinci 4	-1.80000	11.25167	1.000	-35.4692	31.8692
		Kelinci 5	7.60000	11.25167	.959	-26.0692	41.2692
t1_elastis	Kelinci 4	Kelinci 1	-3.80000	11.25167	.997	-37.4692	29.8692
		Kelinci 2	4.60000	11.25167	.994	-29.0692	38.2692
		Kelinci 3	1.80000	11.25167	1.000	-31.8692	35.4692
		Kelinci 5	9.40000	11.25167	.916	-24.2692	43.0692
	Kelinci 5	Kelinci 1	-13.20000	11.25167	.766	-46.8692	20.4692
		Kelinci 2	-4.80000	11.25167	.993	-38.4692	28.8692
		Kelinci 3	-7.60000	11.25167	.959	-41.2692	26.0692
		Kelinci 4	-9.40000	11.25167	.916	-43.0692	24.2692
	Kelinci 1	Kelinci 2	1.40000	6.49369	.999	-18.0316	20.8316
		Kelinci 3	7.60000	6.49369	.768	-11.8316	27.0316
		Kelinci 4	1.00000	6.49369	1.000	-18.4316	20.4316
		Kelinci 5	3.60000	6.49369	.980	-15.8316	23.0316
t30_elastis	Kelinci 2	Kelinci 1	-1.40000	6.49369	.999	-20.8316	18.0316
		Kelinci 3	6.20000	6.49369	.872	-13.2316	25.6316
		Kelinci 4	-.40000	6.49369	1.000	-19.8316	19.0316
		Kelinci 5	2.20000	6.49369	.997	-17.2316	21.6316
	Kelinci 3	Kelinci 1	-7.60000	6.49369	.768	-27.0316	11.8316
		Kelinci 2	-6.20000	6.49369	.872	-25.6316	13.2316
		Kelinci 4	-6.60000	6.49369	.845	-26.0316	12.8316
		Kelinci 5	-4.00000	6.49369	.971	-23.4316	15.4316
	Kelinci 4	Kelinci 1	-1.00000	6.49369	1.000	-20.4316	18.4316
		Kelinci 2	.40000	6.49369	1.000	-19.0316	19.8316
		Kelinci 3	6.60000	6.49369	.845	-12.8316	26.0316
		Kelinci 5	2.60000	6.49369	.994	-16.8316	22.0316
	Kelinci 5	Kelinci 1	-3.60000	6.49369	.980	-23.0316	15.8316
		Kelinci 2	-2.20000	6.49369	.997	-21.6316	17.2316
		Kelinci 3	4.00000	6.49369	.971	-15.4316	23.4316
		Kelinci 4	-2.60000	6.49369	.994	-22.0316	16.8316
	Kelinci 1	Kelinci 2	-.20000	6.10311	1.000	-18.4628	18.0628
		Kelinci 3	1.00000	6.10311	1.000	-17.2628	19.2628
		Kelinci 4	-9.20000	6.10311	.570	-27.4628	9.0628
		Kelinci 5	-9.20000	6.10311	.570	-27.4628	9.0628
	Kelinci 2	Kelinci 1	.20000	6.10311	1.000	-18.0628	18.4628
		Kelinci 3	1.20000	6.10311	1.000	-17.0628	19.4628
		Kelinci 4	-9.00000	6.10311	.590	-27.2628	9.2628
		Kelinci 5	-9.00000	6.10311	.590	-27.2628	9.2628
	Kelinci 3	Kelinci 1	-1.00000	6.10311	1.000	-19.2628	17.2628
		Kelinci 2	-1.20000	6.10311	1.000	-19.4628	17.0628
		Kelinci 4	-10.20000	6.10311	.473	-28.4628	8.0628
		Kelinci 5	-10.20000	6.10311	.473	-28.4628	8.0628
	Kelinci 4	Kelinci 1	9.20000	6.10311	.570	-9.0628	27.4628
		Kelinci 2	9.00000	6.10311	.590	-9.2628	27.2628

Kelinci 5		Kelinci 3	10.20000	6.10311	.473	-8.0628	28.4628
		Kelinci 5	.00000	6.10311	1.000	-18.2628	18.2628
		Kelinci 1	9.20000	6.10311	.570	-9.0628	27.4628
		Kelinci 2	9.00000	6.10311	.590	-9.2628	27.2628
		Kelinci 3	10.20000	6.10311	.473	-8.0628	28.4628
		Kelinci 4	.00000	6.10311	1.000	-18.2628	18.2628
t0_mois	Kelinci 1	Kelinci 2	-2.40000	12.45825	1.000	-39.6798	34.8798
		Kelinci 3	-12.00000	12.45825	.868	-49.2798	25.2798
		Kelinci 4	-15.60000	12.45825	.722	-52.8798	21.6798
		Kelinci 5	-18.80000	12.45825	.569	-56.0798	18.4798
	Kelinci 2	Kelinci 1	2.40000	12.45825	1.000	-34.8798	39.6798
		Kelinci 3	-9.60000	12.45825	.936	-46.8798	27.6798
		Kelinci 4	-13.20000	12.45825	.825	-50.4798	24.0798
		Kelinci 5	-16.40000	12.45825	.685	-53.6798	20.8798
	Kelinci 3	Kelinci 1	12.00000	12.45825	.868	-25.2798	49.2798
		Kelinci 2	9.60000	12.45825	.936	-27.6798	46.8798
		Kelinci 4	-3.60000	12.45825	.998	-40.8798	33.6798
		Kelinci 5	-6.80000	12.45825	.981	-44.0798	30.4798
	Kelinci 4	Kelinci 1	15.60000	12.45825	.722	-21.6798	52.8798
		Kelinci 2	13.20000	12.45825	.825	-24.0798	50.4798
		Kelinci 3	3.60000	12.45825	.998	-33.6798	40.8798
		Kelinci 5	-3.20000	12.45825	.999	-40.4798	34.0798
	Kelinci 5	Kelinci 1	18.80000	12.45825	.569	-18.4798	56.0798
		Kelinci 2	16.40000	12.45825	.685	-20.8798	53.6798
		Kelinci 3	6.80000	12.45825	.981	-30.4798	44.0798
		Kelinci 4	3.20000	12.45825	.999	-34.0798	40.4798
t1_mois	Kelinci 1	Kelinci 2	-1.60000	1.91833	.917	-7.3404	4.1404
		Kelinci 3	-2.00000	1.91833	.833	-7.7404	3.7404
		Kelinci 4	-3.60000	1.91833	.361	-9.3404	2.1404
		Kelinci 5	-1.40000	1.91833	.947	-7.1404	4.3404
	Kelinci 2	Kelinci 1	1.60000	1.91833	.917	-4.1404	7.3404
		Kelinci 3	-.40000	1.91833	1.000	-6.1404	5.3404
		Kelinci 4	-2.00000	1.91833	.833	-7.7404	3.7404
		Kelinci 5	.20000	1.91833	1.000	-5.5404	5.9404
	Kelinci 3	Kelinci 1	2.00000	1.91833	.833	-3.7404	7.7404
		Kelinci 2	.40000	1.91833	1.000	-5.3404	6.1404
		Kelinci 4	-1.60000	1.91833	.917	-7.3404	4.1404
		Kelinci 5	.60000	1.91833	.998	-5.1404	6.3404
	Kelinci 4	Kelinci 1	3.60000	1.91833	.361	-2.1404	9.3404
		Kelinci 2	2.00000	1.91833	.833	-3.7404	7.7404
		Kelinci 3	1.60000	1.91833	.917	-4.1404	7.3404
		Kelinci 5	2.20000	1.91833	.780	-3.5404	7.9404
	Kelinci 5	Kelinci 1	1.40000	1.91833	.947	-4.3404	7.1404
		Kelinci 2	-.20000	1.91833	1.000	-5.9404	5.5404
		Kelinci 3	-.60000	1.91833	.998	-6.3404	5.1404
		Kelinci 4	-2.20000	1.91833	.780	-7.9404	3.5404
t30_mois	Kelinci 1	Kelinci 2	6.40000	4.99600	.705	-8.5499	21.3499
		Kelinci 3	.40000	4.99600	1.000	-14.5499	15.3499

	Kelinci 2	Kelinci 4	2.00000	4.99600	.994	-12.9499	16.9499
		Kelinci 5	4.60000	4.99600	.886	-10.3499	19.5499
		Kelinci 1	-6.40000	4.99600	.705	-21.3499	8.5499
		Kelinci 3	-6.00000	4.99600	.751	-20.9499	8.9499
		Kelinci 4	-4.40000	4.99600	.901	-19.3499	10.5499
	Kelinci 3	Kelinci 5	-1.80000	4.99600	.996	-16.7499	13.1499
		Kelinci 1	-.40000	4.99600	1.000	-15.3499	14.5499
		Kelinci 2	6.00000	4.99600	.751	-8.9499	20.9499
		Kelinci 4	1.60000	4.99600	.998	-13.3499	16.5499
		Kelinci 5	4.20000	4.99600	.915	-10.7499	19.1499
	Kelinci 4	Kelinci 1	-2.00000	4.99600	.994	-16.9499	12.9499
		Kelinci 2	4.40000	4.99600	.901	-10.5499	19.3499
		Kelinci 3	-1.60000	4.99600	.998	-16.5499	13.3499
		Kelinci 5	2.60000	4.99600	.984	-12.3499	17.5499
	Kelinci 5	Kelinci 1	-4.60000	4.99600	.886	-19.5499	10.3499
		Kelinci 2	1.80000	4.99600	.996	-13.1499	16.7499
		Kelinci 3	-4.20000	4.99600	.915	-19.1499	10.7499
		Kelinci 4	-2.60000	4.99600	.984	-17.5499	12.3499

Paired Samples Test

Paired Differences

	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
				Lower	Upper			
Pair 1 t0_sebum - t1_sebum	1.44000	1.58325	.31665	.78647	2.09353	4.548	24	.000
Pair 2 t1_sebum - t30_sebum	-4.28000	3.08923	.61785	-5.55517	-3.00483	-6.927	24	.000
Pair 3 t0_collagen - t1_collagen	9.37500	9.58628	1.95679	5.32707	13.42293	4.791	23	.000
Pair 4 t1_collagen - t30_collagen	-22.16000	11.05923	2.21185	-26.72503	-17.59497	-10.019	24	.000
Pair 5 t0_elastis - t1_elastis	19.52000	17.57631	3.51526	12.26486	26.77514	5.553	24	.000
Pair 6 t1_elastis - t30_elastis	-34.44000	12.96817	2.59363	-39.79300	-29.08700	-13.279	24	.000
Pair 7 t0_mois - t1_mois	33.04000	19.38315	3.87663	25.03903	41.04097	8.523	24	.000
Pair 8 t1_mois - t30_mois	-49.60000	6.65833	1.33167	-52.34842	-46.85158	-37.247	24	.000