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FORM SKBIO.05

BUKTI BIMBINGAN SKRIPSI

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NIM : 182509007

Judul Skripsi : Potensi Pemberian Sari Buah Stroberi (*Fragaria vesca L.*), Sari Buah Tomat (*Solanum lycopersicum*), dan Kombinasi Keduanya Terhadap Kualitas Spermatozoa Mencit Yang Terpapar Asap Rokok Elektrik

Dosen Pembimbing : Dr. Dra. Sukarjati, M.Kes

No	Tanggal	Materi Bimbingan Skripsi	Tanda Tangan Dosen Pembimbing
1.	12 Agustus 2020	Penentuan Judul	
2.	19 Agustus 2020	Latar Belakang	
3.	07 Oktober 2020	Kerangka Pemikiran	
4.	07 Oktober 2020	Metode Penelitian	
5.	18 November 2020	Bab I Pendahuluan	
6.	24 November 2020	Bab II Tinjauan Pustaka	
7.	31 Januari 2021	Bab III Kerangka Pemikiran dan Hipotesis	
8.	17 Februari 2021	Bab IV Materi dan Metode Penelitian	
9.	02 Maret 2021	Bab V Hasil Penelitian	
10.	16 Juli 2021	Bab VI Pembahaan	
11.	17 Juli 2021	Bab VII Penutup	
12.	28 Juli 2021	Daftar Pustaka dan Lampiran	

Mengetahui,
Dekan Fakultas Sains Teknologi

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PROGRAM STUDI BIOLOGI
SK BAN-PT No. 1133/SK/BAN-PT/Akred/S/X/2015
FAKULTAS SAINS DAN TEKNOLOGI
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KAMPUS : Jl.Dukuh Menanggal XII, Telp.(031)8281183, 8281181, Surabaya 60234

FORM SKBIO.09

PERSETUJUAN PERBAIKAN SKRIPSI

Dosen Pembimbing dan Penguji dibawah ini telah menyetujui atas pebaikan naskah skripsi yang dilakukan oleh :

Nama : Aimuris Zakiyah
NIM : 182509007
Prodi : Biologi
Judul Skripsi : Potensi Pemberian Sari Buah Stroberi (*Fragaria vesca L.*), Sari Buah Tomat (*Solanum lycopersicum*), dan Kombinasi Keduanya Terhadap Kualitas Spermatozoa Mencit Yang Terpapar Asap Rokok Elektrik

DOSEN PEMBIMBING

No	Nama	Tanda Tangan	Tanggal Persetujuan
1.	Dr. Dra. Sukarjati, M.Kes		13-09-2021

DOSEN PENGUJI

No	Nama	Tanda Tangan	Tanggal Persetujuan
1.	Prof. Dr. Tatang Sopandi, M.P.		16 - 09 . 2021

LAMPIRAN

Alat dan Bahan



Buah Stroberi



Buah Tomat



Rangkaian rokok elektrik (vape)
kandungan 3mg nikotin



Liquid rokok elektrik dengan



Pembuatan sari buah tomat dan stroberi



Pengukuran konsentrasi tiap larutan



Sari Tomat



Sari Stroberi



Proses Sonde



Mencit



Proses pemaparan asap
asap selama 10 menit



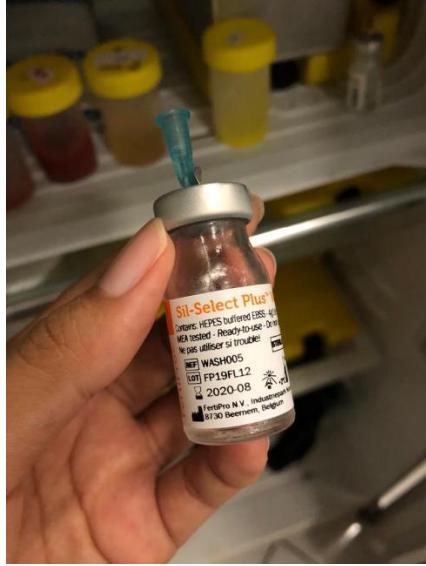
Mencit dipaparkan



Proses pembiusan mencit



proses pembedahan mencit



Cairan sel select plus
di mikroskop



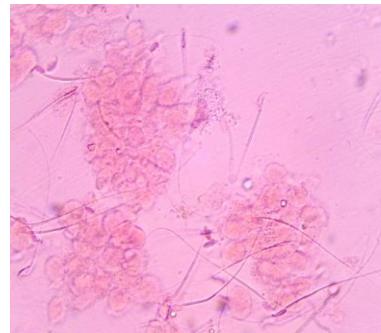
Proses pewarnaan preparate dan pembacaan

Hasil Pengamatan Spermatozoa

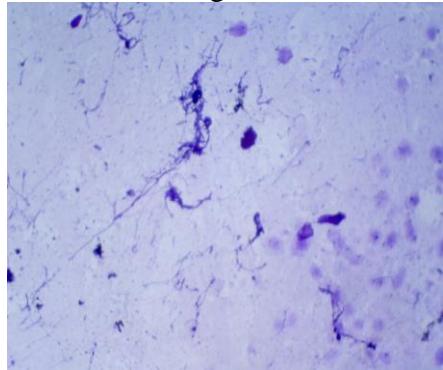
Morfologi Kontrol Negatif



Viabilitas Kontrol Negatif



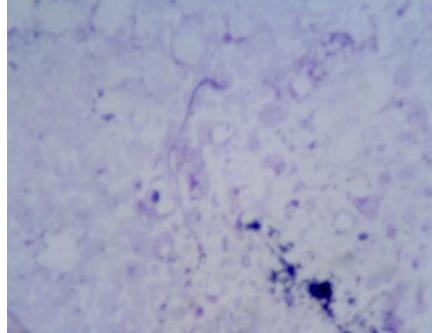
Morfologi Kontrol Positif



Viabilitas Kontrol Positif



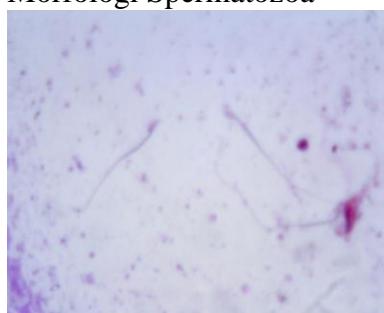
Morfologi Kontrol Positif 1



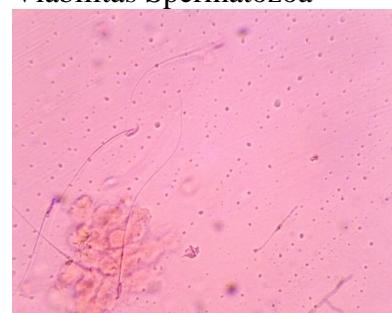
Viabilitas Kontrol Positif 1



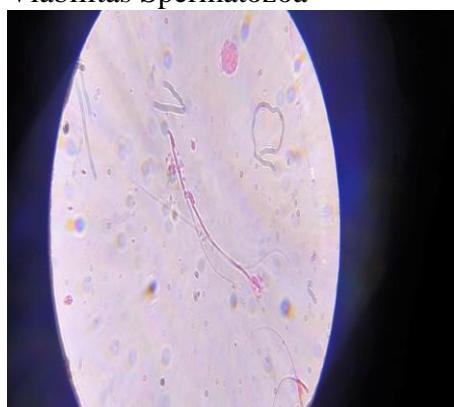
Stroberi kosentrasi 50%
Morfologi Spermatozoa



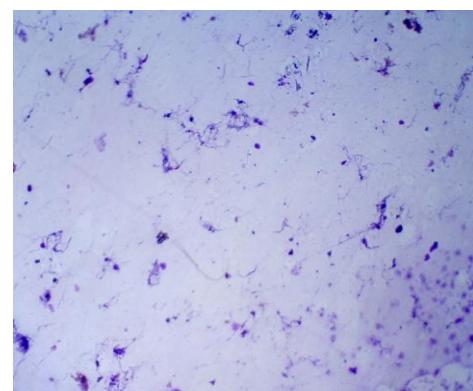
Viabilitas Spermatozoa



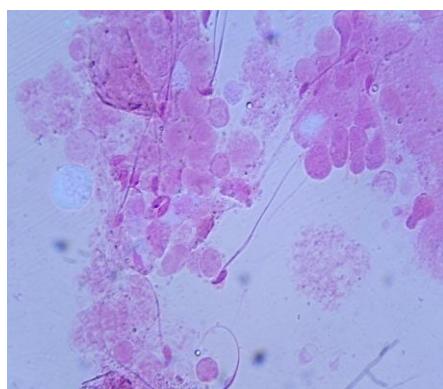
Stroberi kosentrasi 75%
Viabilitas Spermatozoa



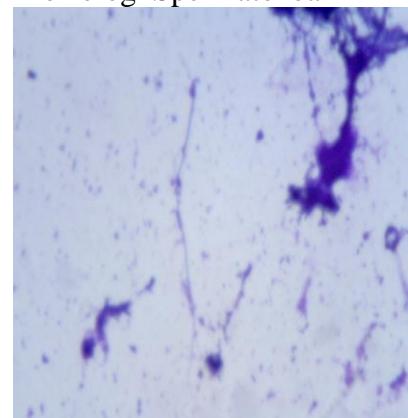
Morfologi Spermatozoa



Stroberi kosentrasi 100%
Viabilitas Spermatozoa



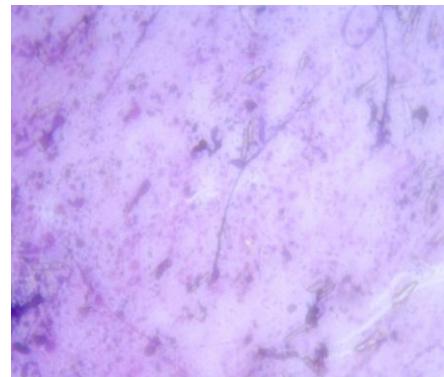
Morfologi Spermatozoa



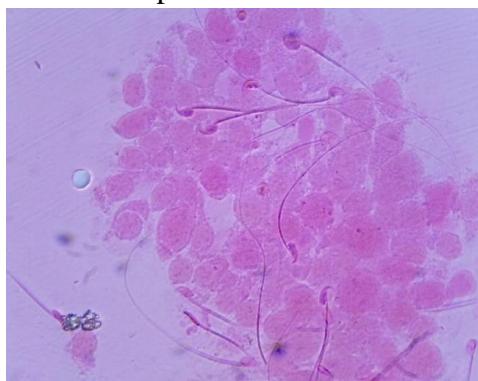
Tomat Kosentrasi 50%
Viabilitas Spermatozoa



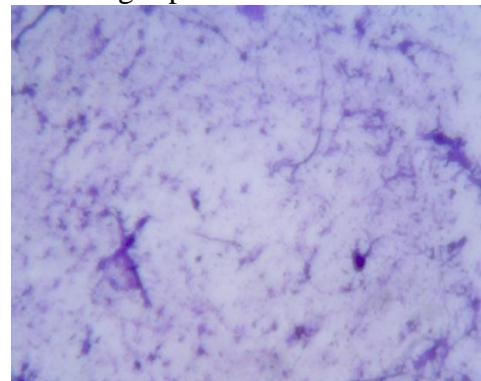
Morfologi Spermatozoa



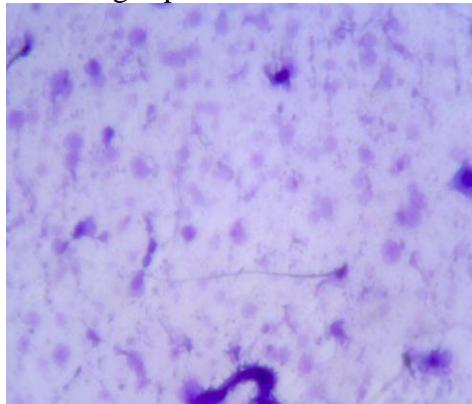
Toamt kosentrasi 75%
Viabilitas Spermatozoa



Morfologi Spermatozoa



Tomat kosentrasi 100%
Morfologi Spermatozoa



Viabilitas Spermatozoa

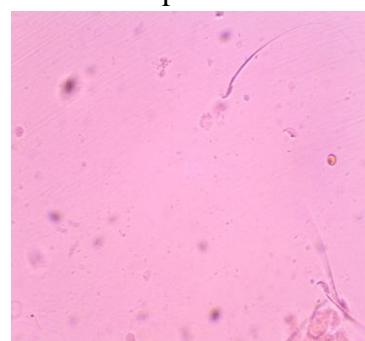


Kombinasi Tomat ksoentrasasi 50% dan Stroberi 50%

Morfologi Spermatozoa

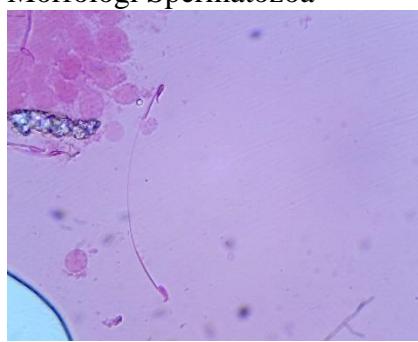


Viabilitas Spermatozoa



Kombinasi Tomat kosentrasi 75% dan Stroberi 75%

Morfologi Spermatozoa

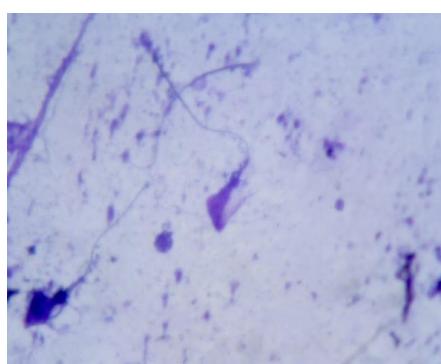


Viabilitas Spermatozoa



Kombinasi Tomat kosentrasi 100% dan Stroberi 100%

Morfologi spermatozoa



Viabilitas spermatozoa



DAFTAR LAMPIRAN DATA

Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maximu m
					Lower Bound	Upper Bound		
PERLAKUAN_-0	4	73.000	1.82574	.91287	70.0948	75.9052	71.00	75.00
PERLAKUAN_+0	4	64.250	.95743	.47871	62.7265	65.7735	63.00	65.00
PERLAKUAN_+10	4	66.750	1.89297	.94648	63.7379	69.7621	64.00	68.00
PERLAKUAN_K50	4	52.000	1.82574	.91287	49.0948	54.9052	50.00	54.00
PERLAKUAN_K75	4	61.500	1.29099	.64550	59.4457	63.5543	60.00	63.00
PERLAKUAN_K100	4	61.500	1.29099	.64550	59.4457	63.5543	60.00	63.00
Total	24	63.1667	6.61794	1.35088	60.3722	65.9612	50.00	75.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
.922	5	18	.489

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	963.833	5	192.767	79.766	.000
Within Groups	43.500	18	2.417		
Total	1007.333	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

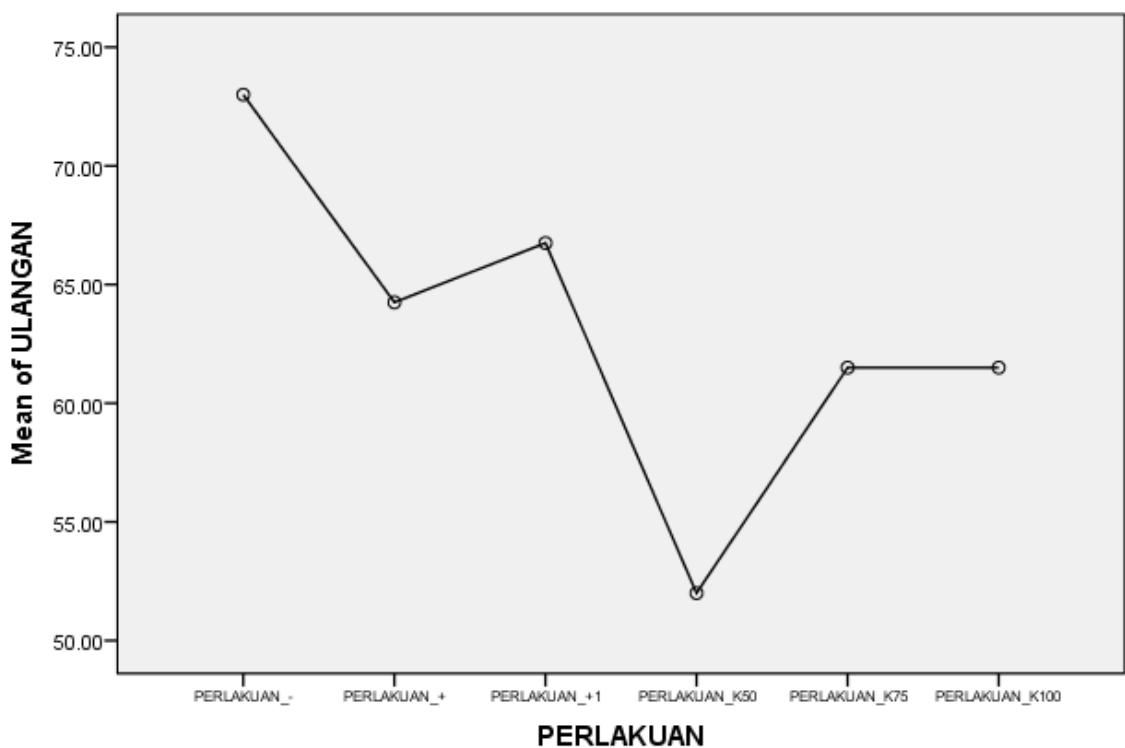
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	8.75000*	1.09924	.000	6.4406	11.0594
	PERLAKUAN_+1	6.25000*	1.09924	.000	3.9406	8.5594
	PERLAKUAN_K50	21.00000*	1.09924	.000	18.6906	23.3094
	PERLAKUAN_K75	11.50000*	1.09924	.000	9.1906	13.8094
	PERLAKUAN_K10	11.50000*	1.09924	.000	9.1906	13.8094
	0	11.50000*	1.09924	.000	9.1906	13.8094
PERLAKUAN_+	PERLAKUAN_-	-8.75000*	1.09924	.000	-11.0594	-6.4406
	PERLAKUAN_+1	-2.50000*	1.09924	.035	-4.8094	-.1906
	PERLAKUAN_K50	12.25000*	1.09924	.000	9.9406	14.5594
	PERLAKUAN_K75	2.75000*	1.09924	.022	.4406	5.0594
	PERLAKUAN_K10	2.75000*	1.09924	.022	.4406	5.0594
	0	2.75000*	1.09924	.022	.4406	5.0594
PERLAKUAN_+1	PERLAKUAN_-	-6.25000*	1.09924	.000	-8.5594	-3.9406
	PERLAKUAN_+	2.50000*	1.09924	.035	.1906	4.8094
	PERLAKUAN_K50	14.75000*	1.09924	.000	12.4406	17.0594
	PERLAKUAN_K75	5.25000*	1.09924	.000	2.9406	7.5594
	PERLAKUAN_K10	5.25000*	1.09924	.000	2.9406	7.5594
	0	5.25000*	1.09924	.000	2.9406	7.5594
PERLAKUAN_K50	PERLAKUAN_-	-21.00000*	1.09924	.000	-23.3094	-18.6906
	PERLAKUAN_+	-12.25000*	1.09924	.000	-14.5594	-9.9406
	PERLAKUAN_+1	-14.75000*	1.09924	.000	-17.0594	-12.4406
	PERLAKUAN_K75	-9.50000*	1.09924	.000	-11.8094	-7.1906
	PERLAKUAN_K10	-9.50000*	1.09924	.000	-11.8094	-7.1906
	0	-9.50000*	1.09924	.000	-11.8094	-7.1906
PERLAKUAN_K75	PERLAKUAN_-	-11.50000*	1.09924	.000	-13.8094	-9.1906
	PERLAKUAN_+	-2.75000*	1.09924	.022	-5.0594	-.4406
	PERLAKUAN_+1	-5.25000*	1.09924	.000	-7.5594	-2.9406
	PERLAKUAN_K50	9.50000*	1.09924	.000	7.1906	11.8094

PERLAKUAN_K10 0		.00000	1.09924	1.000	-2.3094	2.3094
PERLAKUAN_K10	PERLAKUAN_- 0	-11.50000*	1.09924	.000	-13.8094	-9.1906
	PERLAKUAN_+	-2.75000*	1.09924	.022	-5.0594	-.4406
	PERLAKUAN_+1	-5.25000*	1.09924	.000	-7.5594	-2.9406
	PERLAKUAN_K50	9.50000*	1.09924	.000	7.1906	11.8094
	PERLAKUAN_K75	.00000	1.09924	1.000	-2.3094	2.3094

*. The mean difference is significant at the 0.05 level.

Means Plots



Motilitas A strawberry

Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maxim um
					Lower Bound	Upper Bound		
PERLAKUAN _-	4	73.000 0	1.82574	.91287	70.0948	75.9052	71.00	75.00
PERLAKUAN _+	4	64.250 0	.95743	.47871	62.7265	65.7735	63.00	65.00
PERLAKUAN _+1	4	66.750 0	1.89297	.94648	63.7379	69.7621	64.00	68.00
PERLAKUAN _S50	4	66.000 0	1.82574	.91287	63.0948	68.9052	64.00	68.00
PERLAKUAN _S75	4	66.250 0	1.50000	.75000	63.8632	68.6368	65.00	68.00
PERLAKUAN _S100	4	68.750 0	1.70783	.85391	66.0325	71.4675	67.00	71.00
Total	24	67.500 0	3.20326	.65386	66.1474	68.8526	63.00	75.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
.643	5	18	.670

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	187.000	5	37.400	13.739	.000
Within Groups	49.000	18	2.722		
Total	236.000	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

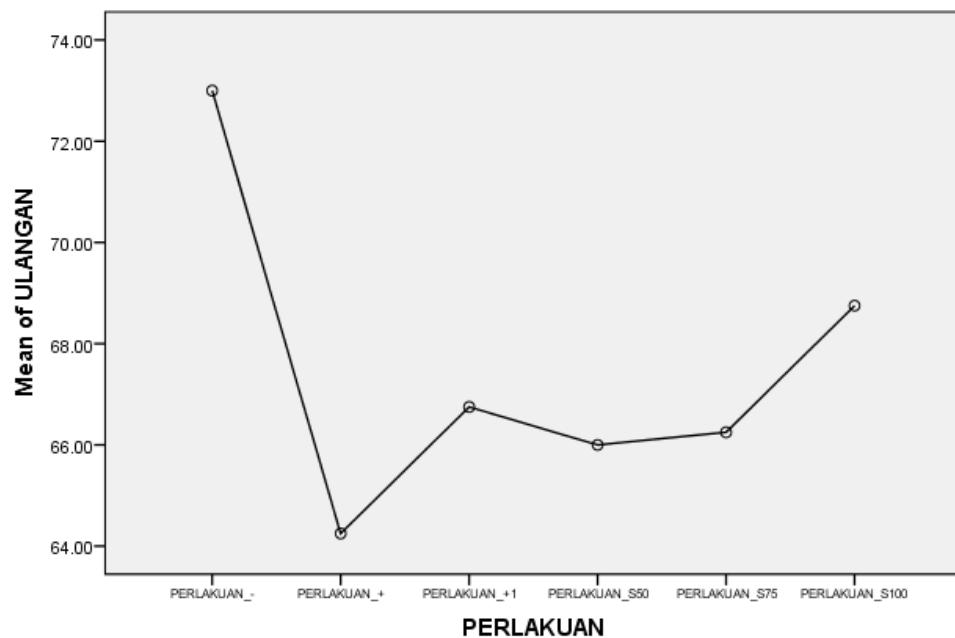
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	8.75000*	1.16667	.000	6.2989	11.2011
	PERLAKUAN_+1	6.25000*	1.16667	.000	3.7989	8.7011
	PERLAKUAN_S50	7.00000*	1.16667	.000	4.5489	9.4511
	PERLAKUAN_S75	6.75000*	1.16667	.000	4.2989	9.2011
	PERLAKUAN_S100	4.25000*	1.16667	.002	1.7989	6.7011
	PERLAKUAN_+	-8.75000*	1.16667	.000	-11.2011	-6.2989
PERLAKUAN_+	PERLAKUAN_-	-2.50000*	1.16667	.046	-4.9511	-.0489
	PERLAKUAN_+1	-1.75000	1.16667	.151	-4.2011	.7011
	PERLAKUAN_S50	-2.00000	1.16667	.104	-4.4511	.4511
	PERLAKUAN_S75	-4.50000*	1.16667	.001	-6.9511	-2.0489
	PERLAKUAN_S100	-6.25000*	1.16667	.000	-8.7011	-3.7989
PERLAKUAN_+1	PERLAKUAN_-	2.50000*	1.16667	.046	.0489	4.9511
	PERLAKUAN_+	.75000	1.16667	.528	-1.7011	3.2011
	PERLAKUAN_S50	.50000	1.16667	.673	-1.9511	2.9511
	PERLAKUAN_S75	-2.00000	1.16667	.104	-4.4511	.4511
	PERLAKUAN_S100	-7.00000*	1.16667	.000	-9.4511	-4.5489
PERLAKUAN_S50	PERLAKUAN_-	1.75000	1.16667	.151	-.7011	4.2011
	PERLAKUAN_+	-.75000	1.16667	.528	-3.2011	1.7011

	PERLAKUAN_S75	-.25000	1.16667	.833	-2.7011	2.2011
	PERLAKUAN_S100	-2.75000*	1.16667	.030	-5.2011	-.2989
PERLAKUAN_S75	PERLAKUAN_-	-6.75000*	1.16667	.000	-9.2011	-4.2989
	PERLAKUAN_+	2.00000	1.16667	.104	-.4511	4.4511
	PERLAKUAN_+1	-.50000	1.16667	.673	-2.9511	1.9511
	PERLAKUAN_S50	.25000	1.16667	.833	-2.2011	2.7011
	PERLAKUAN_S100	-2.50000*	1.16667	.046	-4.9511	-.0489
PERLAKUAN_S100	PERLAKUAN_-	-4.25000*	1.16667	.002	-6.7011	-1.7989
	PERLAKUAN_+	4.50000*	1.16667	.001	2.0489	6.9511
	PERLAKUAN_+1	2.00000	1.16667	.104	-.4511	4.4511
	PERLAKUAN_S50	2.75000*	1.16667	.030	.2989	5.2011
	PERLAKUAN_S75	2.50000*	1.16667	.046	.0489	4.9511

*. The mean difference is significant at the 0.05 level.

Means Plots



Motilitas A tomat

Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maximu m
					Lower Bound	Upper Bound		
PERLAKUAN_-0	4	73.000	1.82574	.91287	70.0948	75.9052	71.00	75.00
PERLAKUAN_+0	4	64.250	.95743	.47871	62.7265	65.7735	63.00	65.00
PERLAKUAN_+10	4	66.750	1.89297	.94648	63.7379	69.7621	64.00	68.00
PERLAKUAN_T50	4	53.500	1.29099	.64550	51.4457	55.5543	52.00	55.00
PERLAKUAN_T75	4	53.750	2.21736	1.10868	50.2217	57.2783	51.00	56.00
PERLAKUAN_T100	4	56.500	2.08167	1.04083	53.1876	59.8124	54.00	59.00
Total	24	61.2917	7.57845	1.54695	58.0916	64.4918	51.00	75.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
.803	5	18	.562

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1264.708	5	252.942	80.941	.000
Within Groups	56.250	18	3.125		
Total	1320.958	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

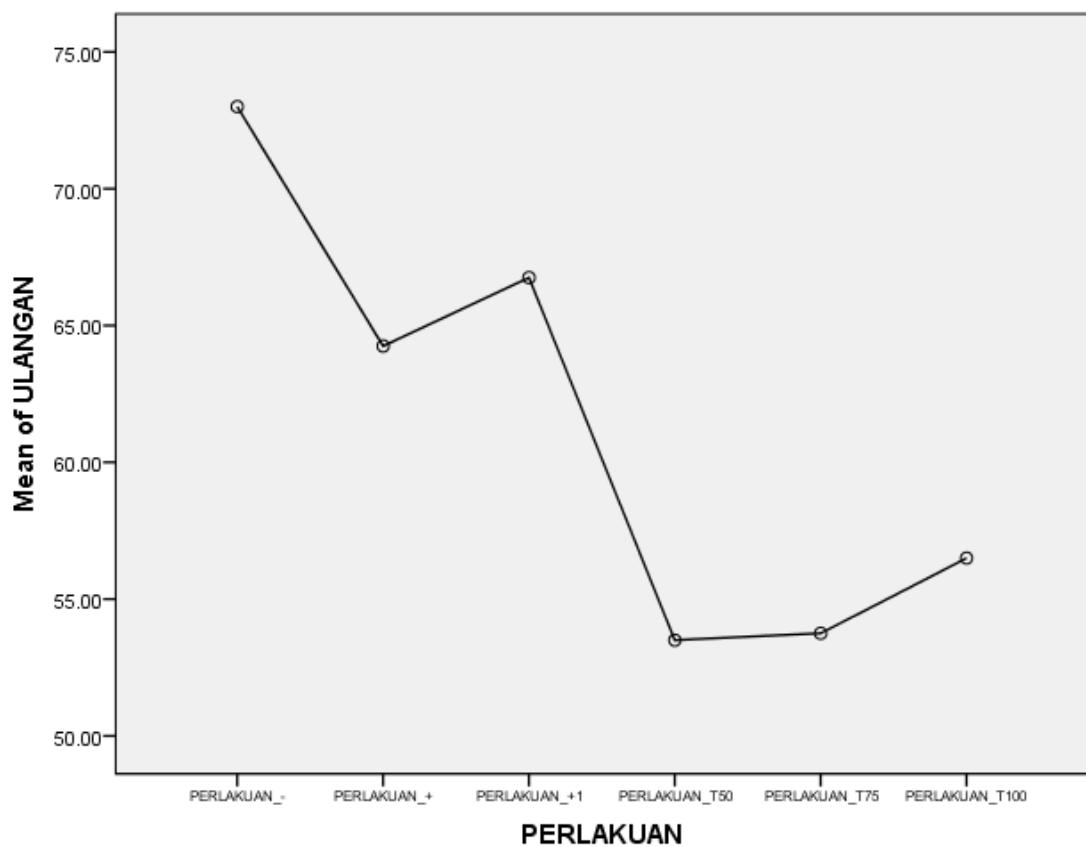
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	8.75000*	1.25000	.000	6.1238	11.3762
	PERLAKUAN_+1	6.25000*	1.25000	.000	3.6238	8.8762
	PERLAKUAN_T50	19.50000*	1.25000	.000	16.8738	22.1262
	PERLAKUAN_T75	19.25000*	1.25000	.000	16.6238	21.8762
	PERLAKUAN_T100	16.50000*	1.25000	.000	13.8738	19.1262
	PERLAKUAN_+	-8.75000*	1.25000	.000	-11.3762	-6.1238
PERLAKUAN_+	PERLAKUAN_-	-2.50000	1.25000	.061	-5.1262	.1262
	PERLAKUAN_+1	10.75000*	1.25000	.000	8.1238	13.3762
	PERLAKUAN_T50	10.50000*	1.25000	.000	7.8738	13.1262
	PERLAKUAN_T75	7.75000*	1.25000	.000	5.1238	10.3762
	PERLAKUAN_T100	-6.25000*	1.25000	.000	-8.8762	-3.6238
	PERLAKUAN_+1	2.50000	1.25000	.061	-.1262	5.1262
PERLAKUAN_T50	PERLAKUAN_-	13.25000*	1.25000	.000	10.6238	15.8762
	PERLAKUAN_+	13.00000*	1.25000	.000	10.3738	15.6262
	PERLAKUAN_T75	10.25000*	1.25000	.000	7.6238	12.8762
	PERLAKUAN_T100	-19.50000*	1.25000	.000	-22.1262	-16.8738
	PERLAKUAN_+	-10.75000*	1.25000	.000	-13.3762	-8.1238
	PERLAKUAN_+1	-13.25000*	1.25000	.000	-15.8762	-10.6238
PERLAKUAN_T75	PERLAKUAN_-	-.25000	1.25000	.844	-2.8762	2.3762
	PERLAKUAN_+	-3.00000*	1.25000	.027	-5.6262	-.3738
	PERLAKUAN_+1	.25000	1.25000	.844	-2.3762	2.8762
	PERLAKUAN_T50	-19.25000*	1.25000	.000	-21.8762	-16.6238

PERLAKUAN_T10 0		-2.75000*	1.25000	.041	-5.3762	-.1238
PERLAKUAN_T10	PERLAKUAN_- 0	-16.50000*	1.25000	.000	-19.1262	-13.8738
	PERLAKUAN_+	-7.75000*	1.25000	.000	-10.3762	-5.1238
	PERLAKUAN_+1	-10.25000*	1.25000	.000	-12.8762	-7.6238
	PERLAKUAN_T50	3.00000*	1.25000	.027	.3738	5.6262
	PERLAKUAN_T75	2.75000*	1.25000	.041	.1238	5.3762

*. The mean difference is significant at the 0.05 level.

Means Plots



MOTILITA B KOMBINASI

ONEWAY ULANGAN BY PERLAKUAN
 /STATISTICS DESCRIPTIVES HOMOGENEITY
 /PLOT MEANS
 /MISSING ANALYSIS
 /POSTHOC=LSD ALPHA(0.05).

Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maximu m
					Lower Bound	Upper Bound		
PERLAKUAN_-	4	5.5000	1.00000	.50000	3.9088	7.0912	4.00	6.00
PERLAKUAN_+	4	9.7500	.95743	.47871	8.2265	11.2735	9.00	11.00
PERLAKUAN_+1	4	8.5000	1.73205	.86603	5.7439	11.2561	6.00	10.00
PERLAKUAN_K50	4	6.7500	2.21736	1.10868	3.2217	10.2783	4.00	9.00
PERLAKUAN_K75	4	7.0000	.81650	.40825	5.7008	8.2992	6.00	8.00
PERLAKUAN_K100	4	9.0000	1.41421	.70711	6.7497	11.2503	7.00	10.00
Total	24	7.7500	1.96159	.40041	6.9217	8.5783	4.00	11.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
1.516	5	18	.234

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	51.000	5	10.200	4.896	.005
Within Groups	37.500	18	2.083		
Total	88.500	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

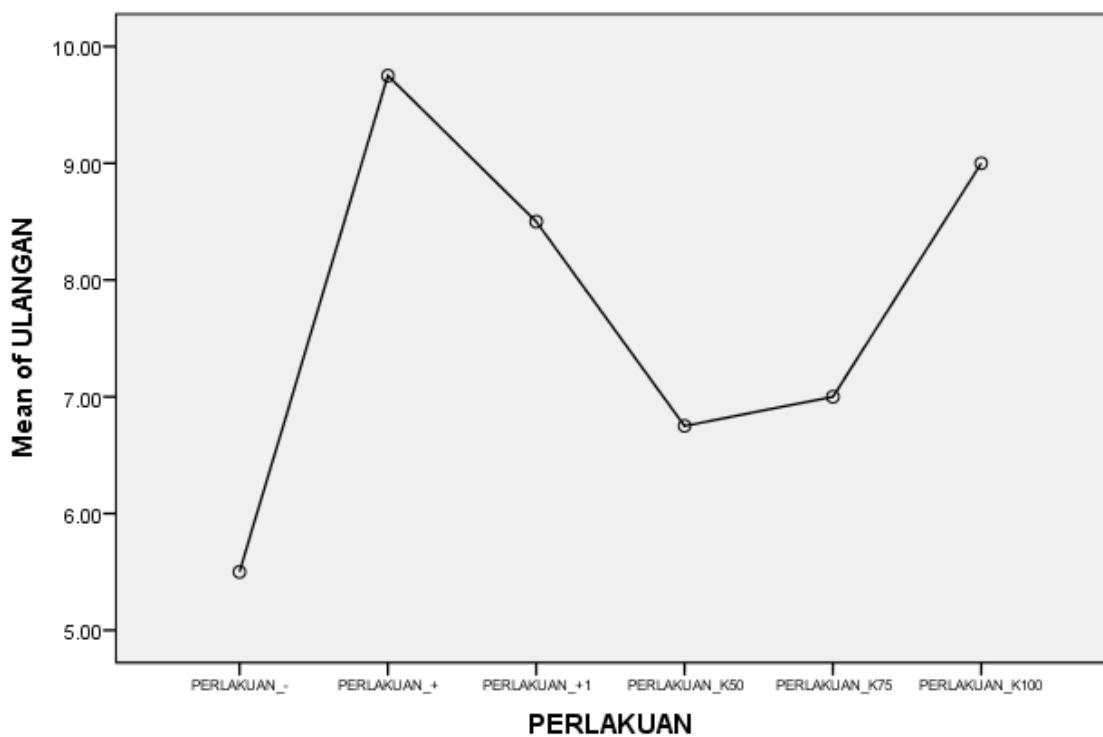
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	-4.25000*	1.02062	.001	-6.3942	-2.1058
	PERLAKUAN_+1	-3.00000*	1.02062	.009	-5.1442	-.8558
	PERLAKUAN_K50	-1.25000	1.02062	.236	-3.3942	.8942
	PERLAKUAN_K75	-1.50000	1.02062	.159	-3.6442	.6442
	PERLAKUAN_K10	-3.50000*	1.02062	.003	-5.6442	-1.3558
	0					
PERLAKUAN_+	PERLAKUAN_-	4.25000*	1.02062	.001	2.1058	6.3942
	PERLAKUAN_+1	1.25000	1.02062	.236	-.8942	3.3942
	PERLAKUAN_K50	3.00000*	1.02062	.009	.8558	5.1442
	PERLAKUAN_K75	2.75000*	1.02062	.015	.6058	4.8942
	PERLAKUAN_K10	.75000	1.02062	.472	-1.3942	2.8942
	0					
PERLAKUAN_+1	PERLAKUAN_-	3.00000*	1.02062	.009	.8558	5.1442
	PERLAKUAN_+	-1.25000	1.02062	.236	-3.3942	.8942
	PERLAKUAN_K50	1.75000	1.02062	.104	-.3942	3.8942
	PERLAKUAN_K75	1.50000	1.02062	.159	-.6442	3.6442
	PERLAKUAN_K10	-.50000	1.02062	.630	-2.6442	1.6442
	0					
PERLAKUAN_K50	PERLAKUAN_-	1.25000	1.02062	.236	-.8942	3.3942
	PERLAKUAN_+	-3.00000*	1.02062	.009	-5.1442	-.8558
	PERLAKUAN_+1	-1.75000	1.02062	.104	-3.8942	.3942
	PERLAKUAN_K75	-.25000	1.02062	.809	-2.3942	1.8942

	PERLAKUAN_K10 0	-2.25000*	1.02062	.041	-4.3942	-.1058
PERLAKUAN_K75	PERLAKUAN_-	1.50000	1.02062	.159	-.6442	3.6442
	PERLAKUAN_+	-2.75000*	1.02062	.015	-4.8942	-.6058
	PERLAKUAN_+1	-1.50000	1.02062	.159	-3.6442	.6442
	PERLAKUAN_K50	.25000	1.02062	.809	-1.8942	2.3942
	PERLAKUAN_K10 0	-2.00000	1.02062	.066	-4.1442	.1442
PERLAKUAN_K10 0	PERLAKUAN_-	3.50000*	1.02062	.003	1.3558	5.6442
	PERLAKUAN_+	-.75000	1.02062	.472	-2.8942	1.3942
	PERLAKUAN_+1	.50000	1.02062	.630	-1.6442	2.6442
	PERLAKUAN_K50	2.25000*	1.02062	.041	.1058	4.3942
	PERLAKUAN_K75	2.00000	1.02062	.066	-.1442	4.1442

*. The mean difference is significant at the 0.05 level.

Means Plots



Motilitas B STRAWBERRY

ONEWAY ULANGAN BY PERLAKUAN
 /STATISTICS DESCRIPTIVES HOMOGENEITY
 /PLOT MEANS
 /MISSING ANALYSIS
 /POSTHOC=LSD ALPHA(.05).

Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu	Maximu
					Lower Bound	Upper Bound		
PERLAKUAN_-	4	5.5000	1.00000	.50000	3.9088	7.0912	4.00	6.00
PERLAKUAN_+	4	9.7500	.95743	.47871	8.2265	11.2735	9.00	11.00
PERLAKUAN_+1	4	8.5000	1.73205	.86603	5.7439	11.2561	6.00	10.00
PERLAKUAN_S50	4	1.5000	1.29099	.64550	-.5543	3.5543	.00	3.00
PERLAKUAN_S75	4	4.2500	1.25831	.62915	2.2478	6.2522	3.00	6.00
PERLAKUAN_S100	4	4.7500	1.70783	.85391	2.0325	7.4675	3.00	7.00
Total	24	5.7083	3.04287	.62112	4.4234	6.9932	.00	11.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
.412	5	18	.834

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	179.708	5	35.942	19.457	.000
Within Groups	33.250	18	1.847		
Total	212.958	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

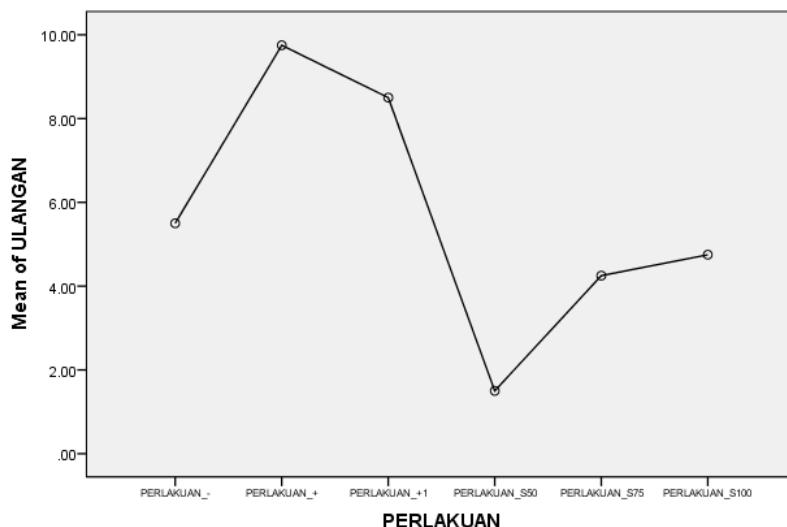
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	-4.25000*	.96105	.000	-6.2691	-2.2309
	PERLAKUAN_+1	-3.00000*	.96105	.006	-5.0191	-.9809
	PERLAKUAN_S50	4.00000*	.96105	.001	1.9809	6.0191
	PERLAKUAN_S75	1.25000	.96105	.210	-.7691	3.2691
	PERLAKUAN_S100	.75000	.96105	.445	-1.2691	2.7691
PERLAKUAN_+	PERLAKUAN_-	4.25000*	.96105	.000	2.2309	6.2691
	PERLAKUAN_+1	1.25000	.96105	.210	-.7691	3.2691
	PERLAKUAN_S50	8.25000*	.96105	.000	6.2309	10.2691
	PERLAKUAN_S75	5.50000*	.96105	.000	3.4809	7.5191
	PERLAKUAN_S100	5.00000*	.96105	.000	2.9809	7.0191
PERLAKUAN_+1	PERLAKUAN_-	3.00000*	.96105	.006	.9809	5.0191
	PERLAKUAN_+	-1.25000	.96105	.210	-3.2691	.7691
	PERLAKUAN_S50	7.00000*	.96105	.000	4.9809	9.0191
	PERLAKUAN_S75	4.25000*	.96105	.000	2.2309	6.2691

	PERLAKUAN_S1 00	3.75000*	.96105	.001	1.7309	5.7691
PERLAKUAN_S5 0	PERLAKUAN_-	-4.00000*	.96105	.001	-6.0191	-1.9809
	PERLAKUAN_+	-8.25000*	.96105	.000	-10.2691	-6.2309
	PERLAKUAN_+1	-7.00000*	.96105	.000	-9.0191	-4.9809
	PERLAKUAN_S7 5	-2.75000*	.96105	.010	-4.7691	-.7309
	PERLAKUAN_S1 00	-3.25000*	.96105	.003	-5.2691	-1.2309
PERLAKUAN_S7 5	PERLAKUAN_-	-1.25000	.96105	.210	-3.2691	.7691
	PERLAKUAN_+	-5.50000*	.96105	.000	-7.5191	-3.4809
	PERLAKUAN_+1	-4.25000*	.96105	.000	-6.2691	-2.2309
	PERLAKUAN_S5 0	2.75000*	.96105	.010	.7309	4.7691
	PERLAKUAN_S1 00	-.50000	.96105	.609	-2.5191	1.5191
PERLAKUAN_S1 00	PERLAKUAN_-	-.75000	.96105	.445	-2.7691	1.2691
	PERLAKUAN_+	-5.00000*	.96105	.000	-7.0191	-2.9809
	PERLAKUAN_+1	-3.75000*	.96105	.001	-5.7691	-1.7309
	PERLAKUAN_S5 0	3.25000*	.96105	.003	1.2309	5.2691
	PERLAKUAN_S7 5	.50000	.96105	.609	-1.5191	2.5191

*. The mean difference is significant at the 0.05 level.

Means Plots



MOTILITAS B TOMAT

```
GET  
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ONEWAY ULANGAN BY PERLAKUAN  
/STATISTICS DESCRIPTIVES HOMOGENEITY  
/PLOT MEANS  
/MISSING ANALYSIS  
/POSTHOC=LSD ALPHA(0.05).
```

Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maximu m
					Lower Bound	Upper Bound		
PERLAKUAN_-	4	5.5000	1.00000	.50000	3.9088	7.0912	4.00	6.00
PERLAKUAN_+	4	9.7500	.95743	.47871	8.2265	11.2735	9.00	11.00
PERLAKUAN_+1	4	8.5000	1.73205	.86603	5.7439	11.2561	6.00	10.00
PERLAKUAN_T50	4	5.0000	1.41421	.70711	2.7497	7.2503	4.00	7.00
PERLAKUAN_T75	4	6.2500	2.21736	1.10868	2.7217	9.7783	4.00	9.00
PERLAKUAN_T100	4	9.5000	2.08167	1.04083	6.1876	12.8124	7.00	12.00
Total	24	7.4167	2.43018	.49606	6.3905	8.4428	4.00	12.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
.960	5	18	.468

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	87.333	5	17.467	6.482	.001
Within Groups	48.500	18	2.694		
Total	135.833	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

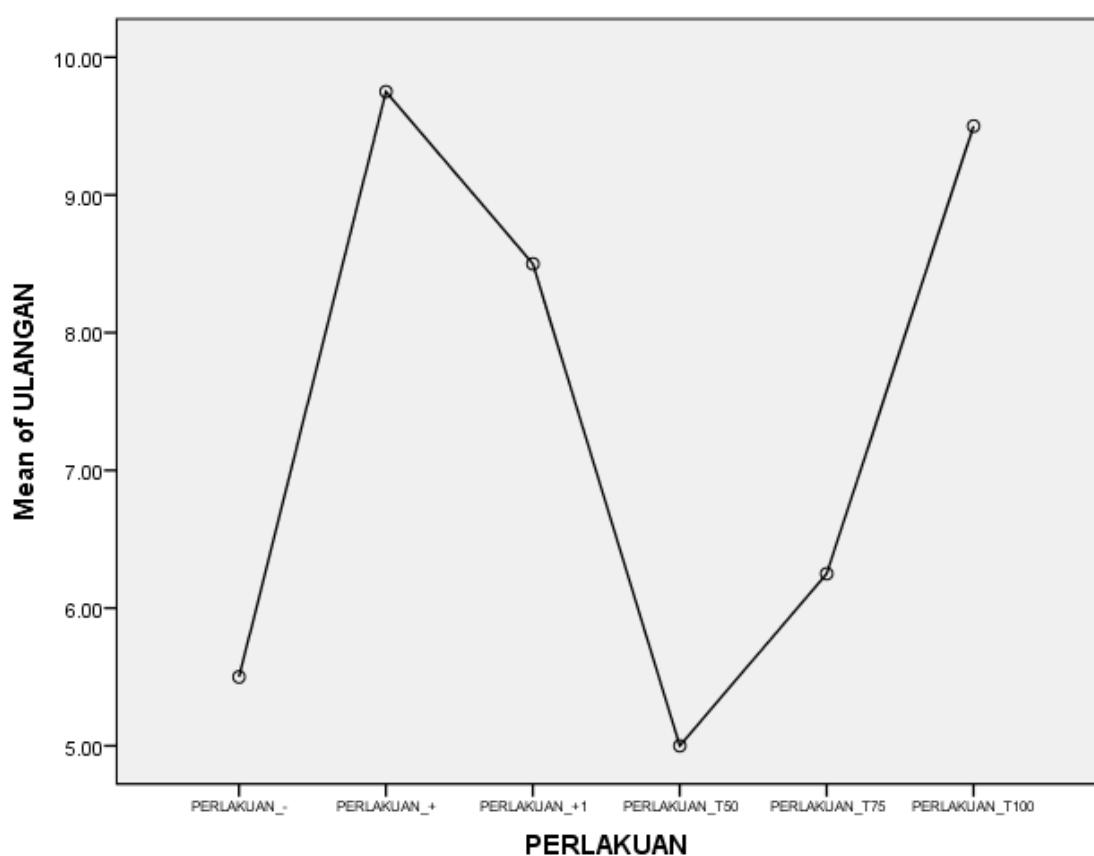
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	-4.25000*	1.16070	.002	-6.6885	-1.8115
	PERLAKUAN_+1	-3.00000*	1.16070	.019	-5.4385	-.5615
	PERLAKUAN_T50	.50000	1.16070	.672	-1.9385	2.9385
	PERLAKUAN_T75	-.75000	1.16070	.526	-3.1885	1.6885
	PERLAKUAN_T100	-4.00000*	1.16070	.003	-6.4385	-1.5615
PERLAKUAN_+	PERLAKUAN_-	4.25000*	1.16070	.002	1.8115	6.6885
	PERLAKUAN_+1	1.25000	1.16070	.296	-1.1885	3.6885
	PERLAKUAN_T50	4.75000*	1.16070	.001	2.3115	7.1885
	PERLAKUAN_T75	3.50000*	1.16070	.007	1.0615	5.9385
	PERLAKUAN_T100	.25000	1.16070	.832	-2.1885	2.6885
PERLAKUAN_+1	PERLAKUAN_-	3.00000*	1.16070	.019	.5615	5.4385
	PERLAKUAN_+	-1.25000	1.16070	.296	-3.6885	1.1885
	PERLAKUAN_T50	3.50000*	1.16070	.007	1.0615	5.9385

	PERLAKUAN_T7 5	2.25000	1.16070	.068	-.1885	4.6885
	PERLAKUAN_T1 00	-1.00000	1.16070	.400	-3.4385	1.4385
PERLAKUAN_T5 0	PERLAKUAN_- 0	-.50000	1.16070	.672	-2.9385	1.9385
	PERLAKUAN_+ 00	-4.75000*	1.16070	.001	-7.1885	-2.3115
	PERLAKUAN_+1 00	-3.50000*	1.16070	.007	-5.9385	-1.0615
	PERLAKUAN_T7 5	-1.25000	1.16070	.296	-3.6885	1.1885
	PERLAKUAN_T1 00	-4.50000*	1.16070	.001	-6.9385	-2.0615
PERLAKUAN_T7 5	PERLAKUAN_- 0	.75000	1.16070	.526	-1.6885	3.1885
	PERLAKUAN_+ 00	-3.50000*	1.16070	.007	-5.9385	-1.0615
	PERLAKUAN_+1 00	-2.25000	1.16070	.068	-4.6885	.1885
	PERLAKUAN_T5 0	1.25000	1.16070	.296	-1.1885	3.6885
	PERLAKUAN_T1 00	-3.25000*	1.16070	.012	-5.6885	-.8115
PERLAKUAN_T1 00	PERLAKUAN_- 00	4.00000*	1.16070	.003	1.5615	6.4385
	PERLAKUAN_+ 00	-.25000	1.16070	.832	-2.6885	2.1885
	PERLAKUAN_+1 00	1.00000	1.16070	.400	-1.4385	3.4385
	PERLAKUAN_T5 0	4.50000*	1.16070	.001	2.0615	6.9385
	PERLAKUAN_T7 5	3.25000*	1.16070	.012	.8115	5.6885

*. The mean difference is significant at the 0.05 level.

Means Plots



Motlitas c kombinasi

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ONEWAY ULANGAN BY PERLAKUAN
/STATISTICS DESCRIPTIVES HOMOGENEITY
/PLOT MEANS
/MISSING ANALYSIS
/POSTHOC=LSD ALPHA(.05).
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Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maximu m
					Lower Bound	Upper Bound		
PERLAKUAN_-	4	9.2500	4.34933	2.17466	2.3292	16.1708	5.00	15.00
PERLAKUAN_+	4	10.7500	.50000	.25000	9.9544	11.5456	10.00	11.00
PERLAKUAN_+1	4	11.7500	3.50000	1.75000	6.1807	17.3193	10.00	17.00
PERLAKUAN_K50	4	19.5000	3.87298	1.93649	13.3372	25.6628	15.00	24.00
PERLAKUAN_K75	4	7.2500	.95743	.47871	5.7265	8.7735	6.00	8.00
PERLAKUAN_K100	4	9.2500	1.50000	.75000	6.8632	11.6368	7.00	10.00
Total	24	11.2917	4.75010	.96961	9.2859	13.2975	5.00	24.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
3.201	5	18	.031

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	370.208	5	74.042	8.960	.000
Within Groups	148.750	18	8.264		
Total	518.958	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

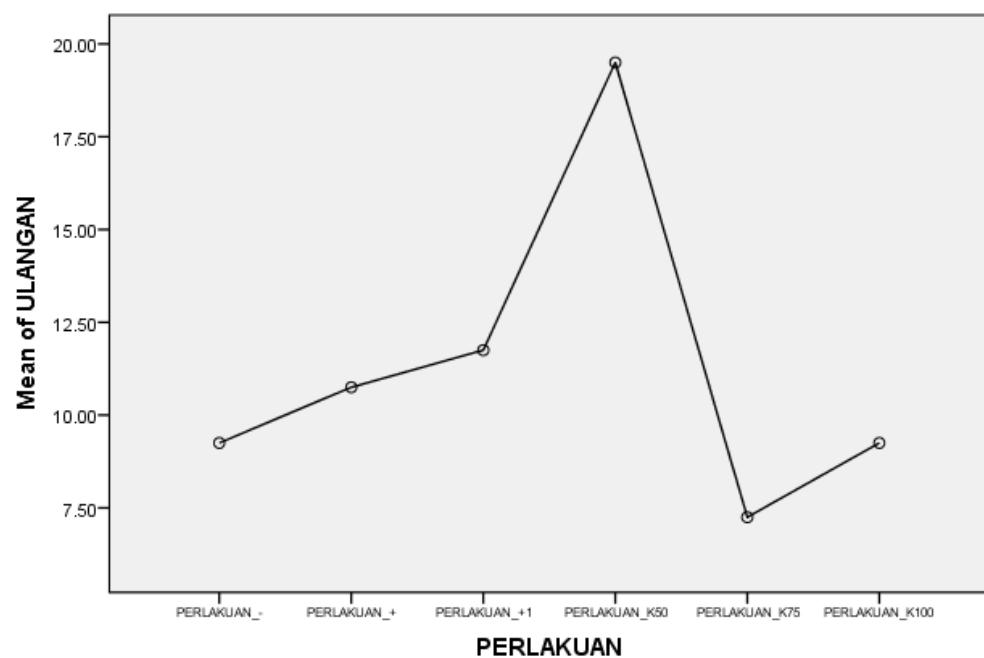
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	-1.50000	2.03272	.470	-5.7706	2.7706
	PERLAKUAN_+1	-2.50000	2.03272	.235	-6.7706	1.7706
	PERLAKUAN_K50	-10.25000*	2.03272	.000	-14.5206	-5.9794
	PERLAKUAN_K75	2.00000	2.03272	.338	-2.2706	6.2706
	PERLAKUAN_K100	.00000	2.03272	1.000	-4.2706	4.2706
PERLAKUAN_+	PERLAKUAN_-	1.50000	2.03272	.470	-2.7706	5.7706
	PERLAKUAN_+1	-1.00000	2.03272	.629	-5.2706	3.2706
	PERLAKUAN_K50	-8.75000*	2.03272	.000	-13.0206	-4.4794
	PERLAKUAN_K75	3.50000	2.03272	.102	-.7706	7.7706
	PERLAKUAN_K100	1.50000	2.03272	.470	-2.7706	5.7706
PERLAKUAN_+1	PERLAKUAN_-	2.50000	2.03272	.235	-1.7706	6.7706
	PERLAKUAN_+	1.00000	2.03272	.629	-3.2706	5.2706

	PERLAKUAN_K5 0	-7.75000*	2.03272	.001	-12.0206	-3.4794
	PERLAKUAN_K7 5	4.50000*	2.03272	.040	.2294	8.7706
	PERLAKUAN_K1 00	2.50000	2.03272	.235	-1.7706	6.7706
PERLAKUAN_K5 0	PERLAKUAN_-	10.25000*	2.03272	.000	5.9794	14.5206
	PERLAKUAN_+	8.75000*	2.03272	.000	4.4794	13.0206
	PERLAKUAN_+1	7.75000*	2.03272	.001	3.4794	12.0206
	PERLAKUAN_K7 5	12.25000*	2.03272	.000	7.9794	16.5206
	PERLAKUAN_K1 00	10.25000*	2.03272	.000	5.9794	14.5206
PERLAKUAN_K7 5	PERLAKUAN_-	-2.00000	2.03272	.338	-6.2706	2.2706
	PERLAKUAN_+	-3.50000	2.03272	.102	-7.7706	.7706
	PERLAKUAN_+1	-4.50000*	2.03272	.040	-8.7706	-.2294
	PERLAKUAN_K5 0	-12.25000*	2.03272	.000	-16.5206	-7.9794
	PERLAKUAN_K1 00	-2.00000	2.03272	.338	-6.2706	2.2706
PERLAKUAN_K1 00	PERLAKUAN_-	.00000	2.03272	1.000	-4.2706	4.2706
	PERLAKUAN_+	-1.50000	2.03272	.470	-5.7706	2.7706
	PERLAKUAN_+1	-2.50000	2.03272	.235	-6.7706	1.7706
	PERLAKUAN_K5 0	-10.25000*	2.03272	.000	-14.5206	-5.9794
	PERLAKUAN_K7 5	2.00000	2.03272	.338	-2.2706	6.2706

*. The mean difference is significant at the 0.05 level.

Means Plots



Motilitas c strawberry

Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maximu m
					Lower Bound	Upper Bound		
PERLAKUAN_-	4	9.2500	4.34933	2.17466	2.3292	16.1708	5.00	15.00
PERLAKUAN_+	4	10.750	.50000	.25000	9.9544	11.5456	10.00	11.00
PERLAKUAN_+ 1	4	11.750	3.50000	1.75000	6.1807	17.3193	10.00	17.00
PERLAKUAN_S 50	4	14.000	.81650	.40825	12.7008	15.2992	13.00	15.00
PERLAKUAN_S 75	4	18.500	2.38048	1.19024	14.7121	22.2879	16.00	21.00
PERLAKUAN_S 100	4	9.2500	.95743	.47871	7.7265	10.7735	8.00	10.00
Total	24	12.250	3.99184	.81483	10.5644	13.9356	5.00	21.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
4.021	5	18	.013

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	250.500	5	50.100	7.774	.000
Within Groups	116.000	18	6.444		

Total	366.500	23		
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Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

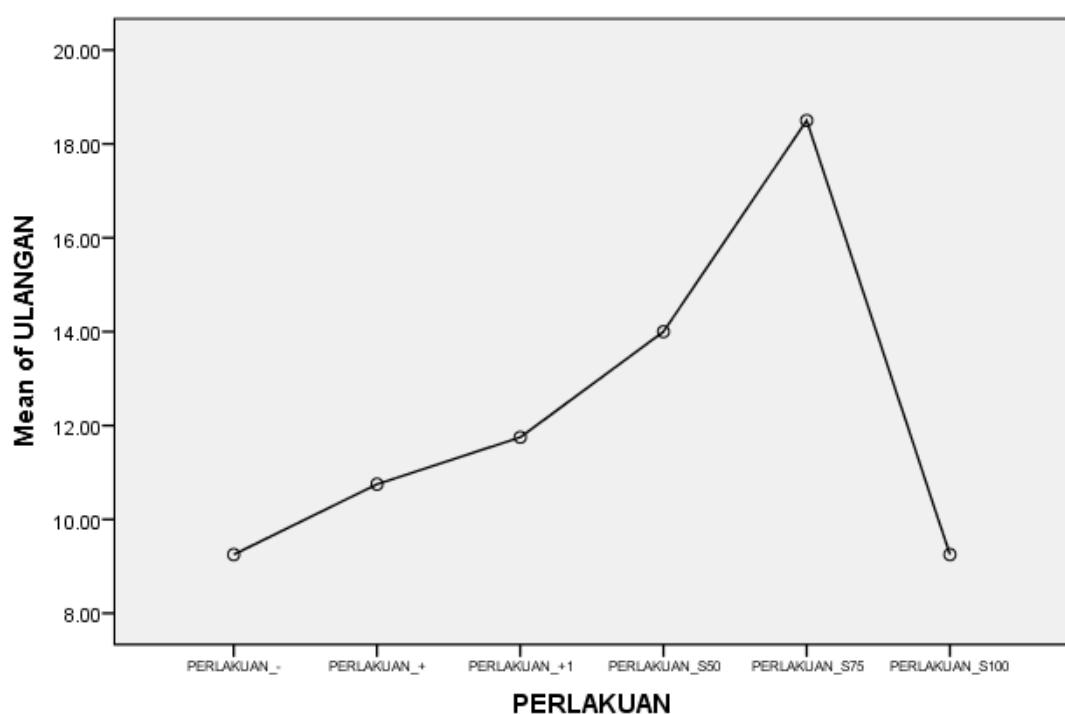
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	-1.50000	1.79505	.414	-5.2713	2.2713
	PERLAKUAN_+ 1	-2.50000	1.79505	.181	-6.2713	1.2713
	PERLAKUAN_S 50	-4.75000*	1.79505	.016	-8.5213	-.9787
	PERLAKUAN_S 75	-9.25000*	1.79505	.000	-13.0213	-5.4787
	PERLAKUAN_S 100	.00000	1.79505	1.000	-3.7713	3.7713
PERLAKUAN_+	PERLAKUAN_-	1.50000	1.79505	.414	-2.2713	5.2713
	PERLAKUAN_+ 1	-1.00000	1.79505	.584	-4.7713	2.7713
	PERLAKUAN_S 50	-3.25000	1.79505	.087	-7.0213	.5213
	PERLAKUAN_S 75	-7.75000*	1.79505	.000	-11.5213	-3.9787
	PERLAKUAN_S 100	1.50000	1.79505	.414	-2.2713	5.2713
PERLAKUAN_+ 1	PERLAKUAN_-	2.50000	1.79505	.181	-1.2713	6.2713
	PERLAKUAN_+	1.00000	1.79505	.584	-2.7713	4.7713
	PERLAKUAN_S 50	-2.25000	1.79505	.226	-6.0213	1.5213
	PERLAKUAN_S 75	-6.75000*	1.79505	.001	-10.5213	-2.9787

	PERLAKUAN_S 100	2.50000	1.79505	.181	-1.2713	6.2713
50	PERLAKUAN_S	4.75000*	1.79505	.016	.9787	8.5213
	PERLAKUAN_-	3.25000	1.79505	.087	-.5213	7.0213
	PERLAKUAN_+	2.25000	1.79505	.226	-1.5213	6.0213
	PERLAKUAN_S 75	-4.50000*	1.79505	.022	-8.2713	-.7287
	PERLAKUAN_S 100	4.75000*	1.79505	.016	.9787	8.5213
	PERLAKUAN_S	9.25000*	1.79505	.000	5.4787	13.0213
75	PERLAKUAN_-	7.75000*	1.79505	.000	3.9787	11.5213
	PERLAKUAN_+	6.75000*	1.79505	.001	2.9787	10.5213
	PERLAKUAN_S 50	4.50000*	1.79505	.022	.7287	8.2713
	PERLAKUAN_S 100	9.25000*	1.79505	.000	5.4787	13.0213
	PERLAKUAN_S	.00000	1.79505	1.000	-3.7713	3.7713
	PERLAKUAN_-	-1.50000	1.79505	.414	-5.2713	2.2713
100	PERLAKUAN_+	-2.50000	1.79505	.181	-6.2713	1.2713
	PERLAKUAN_+	-4.75000*	1.79505	.016	-8.5213	-.9787
	PERLAKUAN_S 50	-9.25000*	1.79505	.000	-13.0213	-5.4787
	PERLAKUAN_S 75					

*. The mean difference is significant at the 0.05 level.

Means Plots



Motilitas c tomat

```
ONEWAY ULANGAN BY PERLAKUAN
/STATISTICS DESCRIPTIVES HOMOGENEITY
/PLOT MEANS
/MISSING ANALYSIS
/POSTHOC=LSD ALPHA(0.05).
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Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maximu m
					Lower Bound	Upper Bound		
PERLAKUAN_-	4	9.2500	4.34933	2.1746 6	2.3292	16.1708	5.00	15.00
PERLAKUAN_+	4	10.750 0	.50000	.25000	9.9544	11.5456	10.00	11.00
PERLAKUAN_+1	4	11.750 0	3.50000	1.7500 0	6.1807	17.3193	10.00	17.00
PERLAKUAN_T50	4	10.000 0	.81650	.40825	8.7008	11.2992	9.00	11.00
PERLAKUAN_T75	4	17.500 0	2.64575	1.3228 8	13.2900	21.7100	14.00	20.00
PERLAKUAN_T100	4	9.2500	2.87228	1.4361 4	4.6796	13.8204	7.00	13.00
Total	24	11.416 7	3.83255	.78232	9.7983	13.0350	5.00	20.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
2.823	5	18	.047

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	195.833	5	39.167	4.965	.005
Within Groups	142.000	18	7.889		
Total	337.833	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

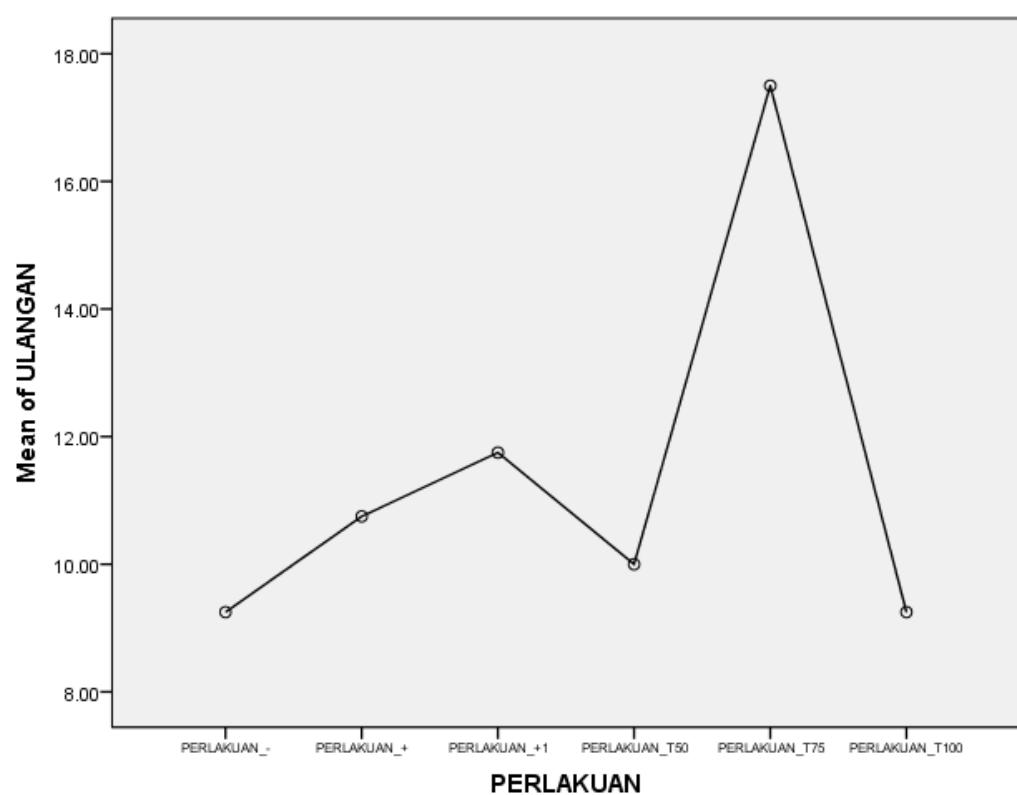
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	-1.50000	1.98606	.460	-5.6726	2.6726
	PERLAKUAN_+1	-2.50000	1.98606	.224	-6.6726	1.6726
	PERLAKUAN_T50	-.75000	1.98606	.710	-4.9226	3.4226
	PERLAKUAN_T75	-8.25000*	1.98606	.001	-12.4226	-4.0774
	PERLAKUAN_T100	.00000	1.98606	1.000	-4.1726	4.1726
PERLAKUAN_+	PERLAKUAN_-	1.50000	1.98606	.460	-2.6726	5.6726
	PERLAKUAN_+1	-1.00000	1.98606	.621	-5.1726	3.1726
	PERLAKUAN_T50	.75000	1.98606	.710	-3.4226	4.9226
	PERLAKUAN_T75	-6.75000*	1.98606	.003	-10.9226	-2.5774
	PERLAKUAN_T100	1.50000	1.98606	.460	-2.6726	5.6726
PERLAKUAN_+1	PERLAKUAN_-	2.50000	1.98606	.224	-1.6726	6.6726

	PERLAKUAN_+	1.00000	1.98606	.621	-3.1726	5.1726
	PERLAKUAN_T5 0	1.75000	1.98606	.390	-2.4226	5.9226
	PERLAKUAN_T7 5	-5.75000*	1.98606	.010	-9.9226	-1.5774
	PERLAKUAN_T1 00	2.50000	1.98606	.224	-1.6726	6.6726
PERLAKUAN_T5 0	PERLAKUAN_-	.75000	1.98606	.710	-3.4226	4.9226
	PERLAKUAN_+	-.75000	1.98606	.710	-4.9226	3.4226
	PERLAKUAN_+1	-1.75000	1.98606	.390	-5.9226	2.4226
	PERLAKUAN_T7 5	-7.50000*	1.98606	.001	-11.6726	-3.3274
	PERLAKUAN_T1 00	.75000	1.98606	.710	-3.4226	4.9226
PERLAKUAN_T7 5	PERLAKUAN_-	8.25000*	1.98606	.001	4.0774	12.4226
	PERLAKUAN_+	6.75000*	1.98606	.003	2.5774	10.9226
	PERLAKUAN_+1	5.75000*	1.98606	.010	1.5774	9.9226
	PERLAKUAN_T5 0	7.50000*	1.98606	.001	3.3274	11.6726
	PERLAKUAN_T1 00	8.25000*	1.98606	.001	4.0774	12.4226
PERLAKUAN_T1 00	PERLAKUAN_-	.00000	1.98606	1.000	-4.1726	4.1726
	PERLAKUAN_+	-1.50000	1.98606	.460	-5.6726	2.6726
	PERLAKUAN_+1	-2.50000	1.98606	.224	-6.6726	1.6726
	PERLAKUAN_T5 0	-.75000	1.98606	.710	-4.9226	3.4226
	PERLAKUAN_T7 5	-8.25000*	1.98606	.001	-12.4226	-4.0774

*. The mean difference is significant at the 0.05 level.

Means Plots



Motilitas D kombinasi

Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maximu m
					Lower Bound	Upper Bound		
PERLAKUAN_-	4	13.000 0	2.00000	1.0000 0	9.8176	16.1824	12.00	16.00
PERLAKUAN_+	4	15.250 0	2.06155	1.0307 8	11.9696	18.5304	13.00	18.00
PERLAKUAN_+1	4	15.250 0	3.20156	1.6007 8	10.1556	20.3444	12.00	18.00
PERLAKUAN_K50	4	22.000 0	3.74166	1.8708 3	16.0462	27.9538	18.00	27.00
PERLAKUAN_K75	4	23.500 0	1.29099	.64550	21.4457	25.5543	22.00	25.00
PERLAKUAN_K100	4	20.250 0	.50000	.25000	19.4544	21.0456	20.00	21.00
Total	24	18.208 3	4.51066	.92073	16.3037	20.1130	12.00	27.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
2.171	5	18	.103

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	364.708	5	72.942	12.716	.000
Within Groups	103.250	18	5.736		
Total	467.958	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

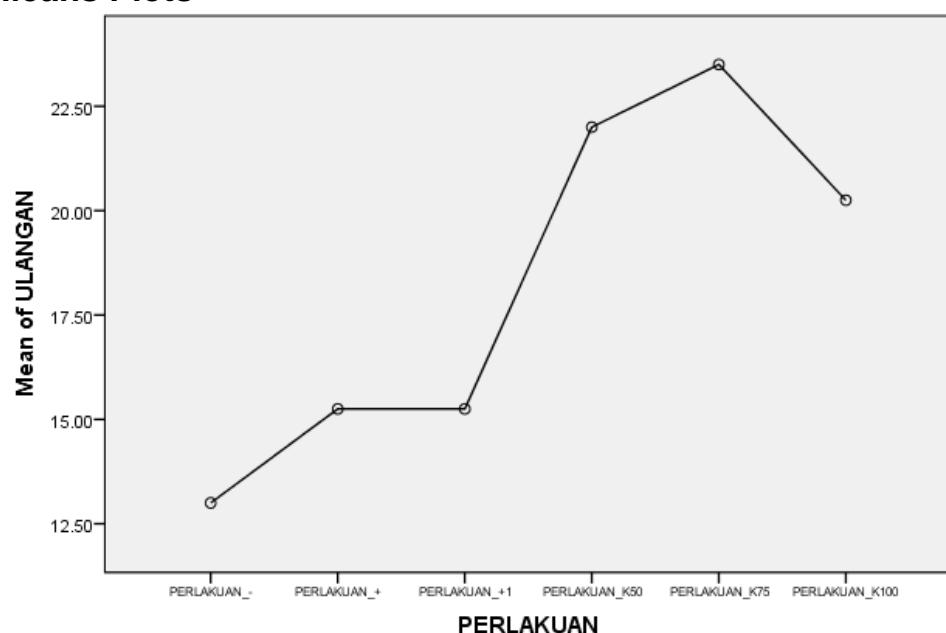
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	-2.25000	1.69353	.201	-5.8080	1.3080
	PERLAKUAN_+ 1	-2.25000	1.69353	.201	-5.8080	1.3080
	PERLAKUAN_K 50	-9.00000*	1.69353	.000	-12.5580	-5.4420
	PERLAKUAN_K 75	-10.50000*	1.69353	.000	-14.0580	-6.9420
	PERLAKUAN_K 100	-7.25000*	1.69353	.000	-10.8080	-3.6920
PERLAKUAN_+	PERLAKUAN_-	2.25000	1.69353	.201	-1.3080	5.8080
	PERLAKUAN_+ 1	.00000	1.69353	1.000	-3.5580	3.5580
	PERLAKUAN_K 50	-6.75000*	1.69353	.001	-10.3080	-3.1920
	PERLAKUAN_K 75	-8.25000*	1.69353	.000	-11.8080	-4.6920
	PERLAKUAN_K 100	-5.00000*	1.69353	.009	-8.5580	-1.4420
PERLAKUAN_+	PERLAKUAN_- 1	2.25000	1.69353	.201	-1.3080	5.8080
	PERLAKUAN_+ PERLAKUAN_K 50	.00000	1.69353	1.000	-3.5580	3.5580
	PERLAKUAN_K 50	-6.75000*	1.69353	.001	-10.3080	-3.1920

	PERLAKUAN_K 75	-8.25000*	1.69353	.000	-11.8080	-4.6920
	PERLAKUAN_K 100	-5.00000*	1.69353	.009	-8.5580	-1.4420
50	PERLAKUAN_K PERLAKUAN_-	9.00000*	1.69353	.000	5.4420	12.5580
	PERLAKUAN_+	6.75000*	1.69353	.001	3.1920	10.3080
	PERLAKUAN_+ 1	6.75000*	1.69353	.001	3.1920	10.3080
	PERLAKUAN_K 75	-1.50000	1.69353	.387	-5.0580	2.0580
	PERLAKUAN_K 100	1.75000	1.69353	.315	-1.8080	5.3080
75	PERLAKUAN_K PERLAKUAN_-	10.50000*	1.69353	.000	6.9420	14.0580
	PERLAKUAN_+	8.25000*	1.69353	.000	4.6920	11.8080
	PERLAKUAN_+ 1	8.25000*	1.69353	.000	4.6920	11.8080
	PERLAKUAN_K 50	1.50000	1.69353	.387	-2.0580	5.0580
	PERLAKUAN_K 100	3.25000	1.69353	.071	-.3080	6.8080
100	PERLAKUAN_K PERLAKUAN_-	7.25000*	1.69353	.000	3.6920	10.8080
	PERLAKUAN_+	5.00000*	1.69353	.009	1.4420	8.5580
	PERLAKUAN_+ 1	5.00000*	1.69353	.009	1.4420	8.5580
	PERLAKUAN_K 50	-1.75000	1.69353	.315	-5.3080	1.8080
	PERLAKUAN_K 75	-3.25000	1.69353	.071	-6.8080	.3080

*. The mean difference is significant at the 0.05 level.

Means Plots



Motilitas D strawberry

Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maximu m
					Lower Bound	Upper Bound		
PERLAKUAN_-0	4	13.000	2.00000	1.00000	9.8176	16.1824	12.00	16.00
PERLAKUAN_+0	4	15.250	2.06155	1.03078	11.9696	18.5304	13.00	18.00
PERLAKUAN_+10	4	15.250	3.20156	1.60078	10.1556	20.3444	12.00	18.00
PERLAKUAN_S500	4	18.000	3.46410	1.73205	12.4878	23.5122	15.00	21.00
PERLAKUAN_S750	4	10.250	3.30404	1.65202	4.9925	15.5075	6.00	14.00
PERLAKUAN_S1000	4	17.250	.95743	.47871	15.7265	18.7735	16.00	18.00
Total	24	14.833	3.54679	.72399	13.3357	16.3310	6.00	21.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
2.526	5	18	.067

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	162.333	5	32.467	4.602	.007
Within Groups	127.000	18	7.056		
Total	289.333	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

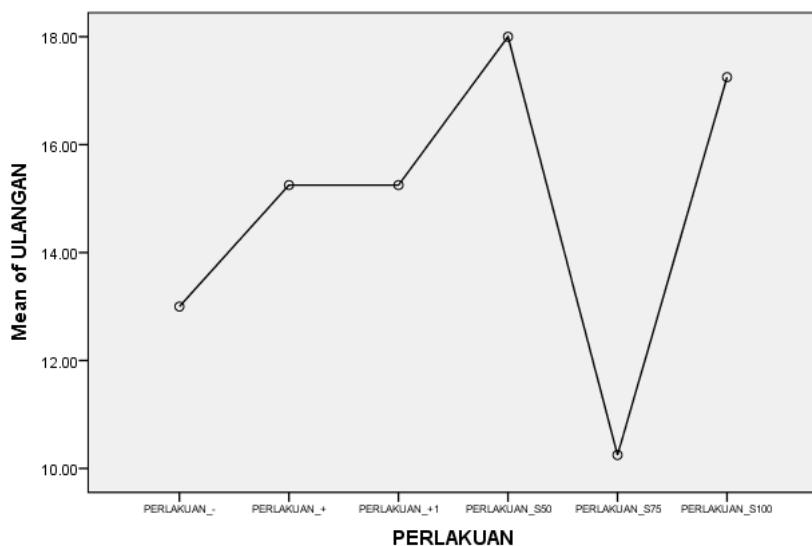
LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	-2.25000	1.87824	.246	-6.1960	1.6960
	PERLAKUAN_+1	-2.25000	1.87824	.246	-6.1960	1.6960
	PERLAKUAN_S50	-5.00000*	1.87824	.016	-8.9460	-1.0540
	PERLAKUAN_S75	2.75000	1.87824	.160	-1.1960	6.6960
	PERLAKUAN_S100	-4.25000*	1.87824	.036	-8.1960	-.3040
PERLAKUAN_+	PERLAKUAN_-	2.25000	1.87824	.246	-1.6960	6.1960
	PERLAKUAN_+1	.00000	1.87824	1.000	-3.9460	3.9460
	PERLAKUAN_S50	-2.75000	1.87824	.160	-6.6960	1.1960
	PERLAKUAN_S75	5.00000*	1.87824	.016	1.0540	8.9460
	PERLAKUAN_S100	-2.00000	1.87824	.301	-5.9460	1.9460
PERLAKUAN_+1	PERLAKUAN_-	2.25000	1.87824	.246	-1.6960	6.1960
	PERLAKUAN_+	.00000	1.87824	1.000	-3.9460	3.9460
	PERLAKUAN_S50	-2.75000	1.87824	.160	-6.6960	1.1960
	PERLAKUAN_S75	5.00000*	1.87824	.016	1.0540	8.9460
	PERLAKUAN_S100	-2.00000	1.87824	.301	-5.9460	1.9460
PERLAKUAN_S5	PERLAKUAN_-	5.00000*	1.87824	.016	1.0540	8.9460

0	PERLAKUAN_+	2.75000	1.87824	.160	-1.1960	6.6960
	PERLAKUAN_+1	2.75000	1.87824	.160	-1.1960	6.6960
	PERLAKUAN_S7 5	7.75000*	1.87824	.001	3.8040	11.6960
	PERLAKUAN_S1 00	.75000	1.87824	.694	-3.1960	4.6960
	PERLAKUAN_S7 5	PERLAKUAN_-	-2.75000	1.87824	.160	-6.6960
5	PERLAKUAN_+	-5.00000*	1.87824	.016	-8.9460	-1.0540
	PERLAKUAN_+1	-5.00000*	1.87824	.016	-8.9460	-1.0540
	PERLAKUAN_S5 0	-7.75000*	1.87824	.001	-11.6960	-3.8040
	PERLAKUAN_S1 00	-7.00000*	1.87824	.002	-10.9460	-3.0540
	PERLAKUAN_S1 00	PERLAKUAN_-	4.25000*	1.87824	.036	.3040
00	PERLAKUAN_+	2.00000	1.87824	.301	-1.9460	5.9460
	PERLAKUAN_+1	2.00000	1.87824	.301	-1.9460	5.9460
	PERLAKUAN_S5 0	-.75000	1.87824	.694	-4.6960	3.1960
	PERLAKUAN_S7 5	7.00000*	1.87824	.002	3.0540	10.9460

*. The mean difference is significant at the 0.05 level.

Means Plots



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Oneway

Descriptives

ULANGAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimu m	Maximu m
					Lower Bound	Upper Bound		
PERLAKUAN_-	4	13.000	2.00000	1.00000	9.8176	16.1824	12.00	16.00
PERLAKUAN_+	4	15.250	2.06155	1.03078	11.9696	18.5304	13.00	18.00
PERLAKUAN_+1	4	15.250	3.20156	1.60078	10.1556	20.3444	12.00	18.00
PERLAKUAN_T50	4	31.250	2.21736	1.10868	27.7217	34.7783	29.00	34.00
PERLAKUAN_T75	4	22.500	5.06623	2.53311	14.4385	30.5615	19.00	30.00
PERLAKUAN_T100	4	25.500	5.19615	2.59808	17.2318	33.7682	18.00	29.00
Total	24	20.458	7.37787	1.50600	17.3429	23.5737	12.00	34.00

Test of Homogeneity of Variances

ULANGAN

Levene Statistic	df1	df2	Sig.
1.527	5	18	.231

ANOVA

ULANGAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1023.708	5	204.742	16.146	.000
Within Groups	228.250	18	12.681		
Total	1251.958	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ULANGAN

LSD

(I) PERLAKUAN	(J) PERLAKUAN	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PERLAKUAN_-	PERLAKUAN_+	-2.25000	2.51799	.383	-7.5401	3.0401
	PERLAKUAN_+1	-2.25000	2.51799	.383	-7.5401	3.0401
	PERLAKUAN_T50	-18.25000*	2.51799	.000	-23.5401	-12.9599
	PERLAKUAN_T75	-9.50000*	2.51799	.001	-14.7901	-4.2099
	PERLAKUAN_T100	-12.50000*	2.51799	.000	-17.7901	-7.2099
	PERLAKUAN_+	2.25000	2.51799	.383	-3.0401	7.5401
PERLAKUAN_+	PERLAKUAN_-	.00000	2.51799	1.000	-5.2901	5.2901
	PERLAKUAN_+1	-16.00000*	2.51799	.000	-21.2901	-10.7099
	PERLAKUAN_T50	-7.25000*	2.51799	.010	-12.5401	-1.9599
	PERLAKUAN_T75	-10.25000*	2.51799	.001	-15.5401	-4.9599
	PERLAKUAN_T100	2.25000	2.51799	.383	-3.0401	7.5401
PERLAKUAN_+1	PERLAKUAN_-	.00000	2.51799	1.000	-5.2901	5.2901
	PERLAKUAN_+	-16.00000*	2.51799	.000	-21.2901	-10.7099
	PERLAKUAN_T50	-7.25000*	2.51799	.010	-12.5401	-1.9599
	PERLAKUAN_T75	-10.25000*	2.51799	.001	-15.5401	-4.9599
	PERLAKUAN_T100	2.25000	2.51799	.383	-3.0401	7.5401

PERLAKUAN_T50	PERLAKUAN_-	18.25000*	2.51799	.000	12.9599	23.5401
	PERLAKUAN_+	16.00000*	2.51799	.000	10.7099	21.2901
	PERLAKUAN_+1	16.00000*	2.51799	.000	10.7099	21.2901
	PERLAKUAN_T75	8.75000*	2.51799	.003	3.4599	14.0401
	PERLAKUAN_T100	5.75000*	2.51799	.035	.4599	11.0401
PERLAKUAN_T75	PERLAKUAN_-	9.50000*	2.51799	.001	4.2099	14.7901
	PERLAKUAN_+	7.25000*	2.51799	.010	1.9599	12.5401
	PERLAKUAN_+1	7.25000*	2.51799	.010	1.9599	12.5401
	PERLAKUAN_T50	-8.75000*	2.51799	.003	-14.0401	-3.4599
	PERLAKUAN_T100	-3.00000	2.51799	.249	-8.2901	2.2901
PERLAKUAN_T100	PERLAKUAN_-	12.50000*	2.51799	.000	7.2099	17.7901
	PERLAKUAN_+	10.25000*	2.51799	.001	4.9599	15.5401
	PERLAKUAN_+1	10.25000*	2.51799	.001	4.9599	15.5401
	PERLAKUAN_T50	-5.75000*	2.51799	.035	-11.0401	-.4599
	PERLAKUAN_T75	3.00000	2.51799	.249	-2.2901	8.2901

*. The mean difference is significant at the 0.05 level.

Means Plots

