

LAMPIRAN 1

KONSENTRASI LOGAM BERAT Pb DAN Cd PADA KERANG *Anadara granosa*

Lokasi	Kode	Pb	Cd	Satuan
	Blanko 1	0,047	0,038	mg/l
	Blanko 2	0,045	0,036	mg/l
Semarang	A1	0,000	0,000	mg/kg
	A2	7,2913	14,0162	mg/kg
	B1	0,7346	8,3252	mg/kg
	B2	1,6653	1,5612	mg/kg
	C1	1,8349	1,2952	mg/kg
	C2	2,2918	1,2062	mg/kg
	D1	0,000	12,2291	mg/kg
	D2	2,4786	5,6134	mg/kg
	E1	5,7082	37,0412	mg/kg
E2	5,5007	17,2522	mg/kg	
Kendal	A1	3,0113	4,6328	mg/kg
	A2	7,0891	23,4573	mg/kg
	B1	10,2153	8,0975	mg/kg
	B2	12,9852	5,4253	mg/kg
	C1	3,2023	0,5764	mg/kg
	C2	8,0973	0,000	mg/kg
	D1	0,000	5,2636	mg/kg
	D2	3,3100	11,9297	mg/kg
	E1	0,1954	34,7846	mg/kg
E2	1,8429	0,1728	mg/kg	

Keterangan : Semarang : A = 2,30 - 2,74 cm
B = 2,75 - 3,19 cm
C = 3,20 - 3,64 cm
D = 3,65 - 4,09 cm
E = 4,09 - 4,54 cm

Kendal : A = 2,24 - 2,49 cm
B = 2,50 - 2,75 cm
C = 2,76 - 3,01 cm
D = 3,02 - 3,27 cm
E = 3,28 - 3,53 cm

LAMPIRAN 2

HASIL ANALISIS ANOVA DUA ARAH KANDUNGAN LOGAM Cd PADA KERANG *Anadara granosa*

*** ANALYSIS OF VARIANCE ***

CD
by LOKASI
SIZE

UNIQUE sums of squares
All effects entered simultaneously

Source of Variation	Sum of Squares	DF	Mean Square	F	Sig of F
Main Effects	1021,653	5	204,331	1,791	,202
LOKASI	,882	1	,882	,008	,932
SIZE	1020,771	4	255,193	2,237	,138
2-Way Interactions	146,445	4	36,611	,321	,858
LOKASI SIZE	146,445	4	36,611	,321	,858
Explained	1168,098	9	129,789	1,138	,419
Residual	1140,917	10	114,092		
Total	2309,015	19	121,527		

100 cases were processed.

80 cases (80,0 pct) were missing.

LAMPIRAN 3

HASIL ANALISIS ANOVA SATU ARAH KANDUNGAN Cd KERANG *Anadara granosa* LOKASI KENDAL

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	354,9372	88,7343	,5531	,7070
Within Groups	5	802,1241	160,4248		
Total	9	1157,0613			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	2	14,0451	13,3109	9,4123	-105,5489 TO 133,6390
Grp 2	2	6,7614	1,8895	1,3361	-10,2154 TO 23,7382
Grp 3	2	,2882	,4076	,2882	-3,3737 TO 3,9501
Grp 4	2	8,5967	4,7136	3,3331	-33,7538 TO 50,9471
Grp 5	2	17,4787	24,4742	17,3059	-202,4135 TO 237,3709
Total	10	9,4340	11,3385	3,5856	1,3229 TO 17,5451

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
5,79359E+15	4	5	,000

LAMPIRAN 4

HASIL ANALISIS ANOVA SATU ARAH KANDUNGAN Cd PADA KERANG *Anadara granosa* LOKASI SEMARANG

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	812,2787	203,0697	2,9970	,1299
Within Groups	5	338,7927	67,7585		
Total	9	1151,0715			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	2	7,0081	9,9110	7,0081	-82,0382 TO 96,0544
Grp 2	2	4,9432	4,7829	3,3820	-38,0292 TO 47,9156
Grp 3	2	1,2507	,0629	,0445	,6853 TO 1,8161
Grp 4	2	8,9213	4,6780	3,3079	-33,1090 TO 50,9515
Grp 5	2	27,1467	13,9929	9,8945	-98,5748 TO 152,8682
Total	10	9,8540	11,3091	3,5763	1,7639 TO 17,9441

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail sig.
	4	5	

Multiple Range Tests: Duncan test with significance level ,05

The difference between two means is significant if

$$\text{MEAN}(J) - \text{MEAN}(I) \geq 5,8206 * \text{RANGE} * \text{SQRT}(1/N(I) + 1/N(J))$$

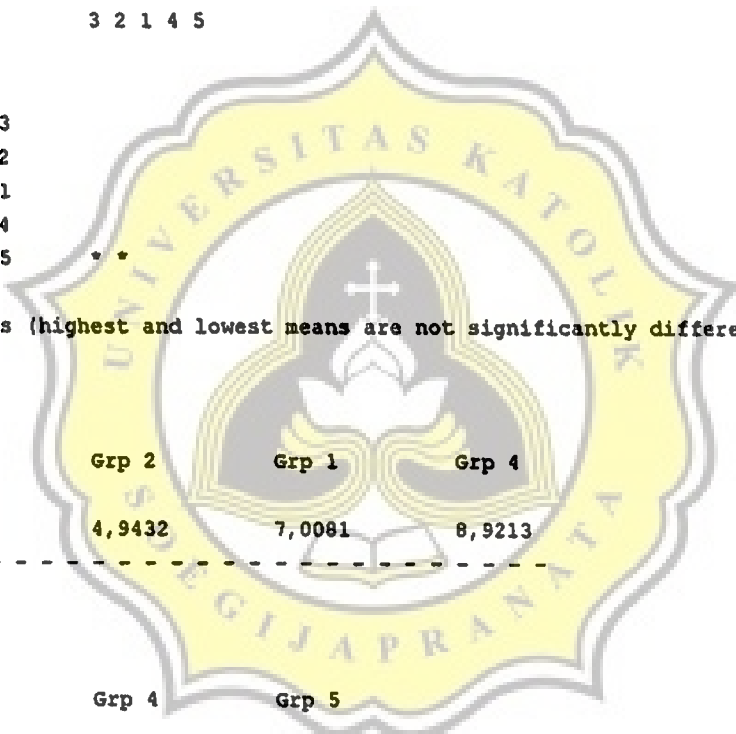
with the following value(s) for RANGE:

Step	2	3	4	5
RANGE	3,64	3,75	3,79	3,81

(*) Indicates significant differences which are shown in the lower triangle

G G G G G
 r r r r r
 p p p p p
 3 2 1 4 5

Mean	SIZE
1,2507	Grp 3
4,9432	Grp 2
7,0081	Grp 1
8,9213	Grp 4
27,1467	Grp 5



Homogeneous Subsets (highest and lowest means are not significantly different)

Subset 1

Group	Grp 3	Grp 2	Grp 1	Grp 4
Mean	1,2507	4,9432	7,0081	8,9213

Subset 2

Group	Grp 1	Grp 4	Grp 5
Mean	7,0081	8,9213	27,1467

LAMPIRAN 5

HASIL ANALISIS ANOVA DUA ARAH KANDUNGAN LOGAM Pb PADA KERANG *Anadara granosa*

*** ANALYSIS OF VARIANCE ***

PB
by LOKASI
SIZE

UNIQUE sums of squares
All effects entered simultaneously

Source of Variation	Sum of Squares	DF	Mean Square	F	Sig of F
Main Effects	76,432	5	15,286	2,499	,102
LOKASI	25,185	1	25,185	4,117	,070
SIZE	51,247	4	12,812	2,094	,156
2-Way Interactions	119,014	4	29,754	4,863	,019
LOKASI SIZE	119,014	4	29,754	4,863	,019
Explained	195,446	9	21,716	3,550	,031
Residual	61,178	10	6,118		
Total	256,625	19	13,507		

100 cases were processed.

80 cases (80,0 pct) were missing.

LAMPIRAN 6

HASIL ANALISIS ANOVA SATU ARAH KANDUNGAN Pb PADA KERANG *Anadara granosa* LOKASI KENDAL

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	142,0482	35,5121	5,7340	,0414
Within Groups	5	30,9661	6,1932		
Total	9	173,0143			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	2	5,0502	2,8834	2,0389	-20,8565 TO 30,9569
Grp 2	2	11,6002	1,9586	1,3850	-5,9972 TO 29,1977
Grp 3	2	5,6498	3,4613	2,4475	-25,4486 TO 36,7482
Grp 4	2	1,6550	2,3405	1,6550	-19,3738 TO 22,6838
Grp 5	2	1,0192	1,1650	,8238	-9,4476 TO 11,4859
Total	10	4,9949	4,3845	1,3865	1,8584 TO 8,1314

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
4,85607E+15	4	5	,000

Multiple Range Tests: Duncan test with significance level ,05

The difference between two means is significant if
 $MEAN(J) - MEAN(I) \geq 1,7597 * RANGE * \sqrt{1/N(I) + 1/N(J)}$
 with the following value(s) for RANGE:

Step	2	3	4	5
RANGE	3,64	3,75	3,79	3,81

(*) Indicates significant differences which are shown in the lower triangle

G G G G G
 r r r r r
 P P P P P
 5 4 1 3 2

Mean	SIZE
1,0192	Grp 5
1,6550	Grp 4
5,0502	Grp 1
5,6498	Grp 3
11,6002	Grp 2

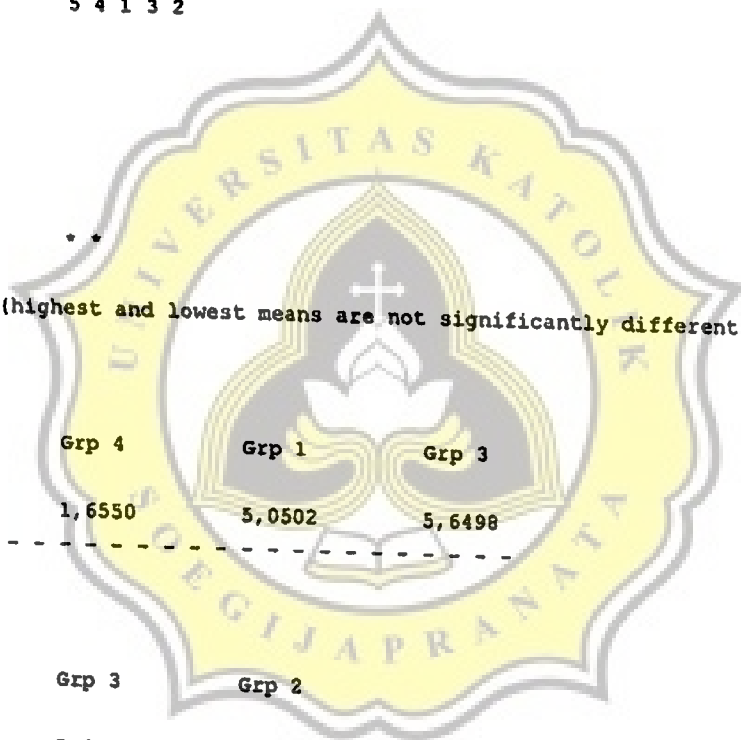
Homogeneous Subsets (highest and lowest means are not significantly different)

Subset 1

Group	Grp 5	Grp 4	Grp 1	Grp 3
Mean	1,0192	1,6550	5,0502	5,6498

Subset 2

Group	Grp 1	Grp 3	Grp 2
Mean	5,0502	5,6498	11,6002



LAMPIRAN 7

HASIL ANALISIS ANOVA SATU ARAH KANDUNGAN Pb PADA KERANG *Anadara granosa* LOKASI SEMARANG

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	28,2129	7,0532	1,1673	,4244
Within Groups	5	30,2123	6,0425		
Total	9	58,4251			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	2	3,6457	5,1557	3,6456	-42,6767 TO 49,9680
Grp 2	2	1,2000	,6581	,4654	-4,7129 TO 7,1128
Grp 3	2	2,0633	,3231	,2284	-,8394 TO 4,9661
Grp 4	2	1,2393	1,7526	1,2393	-14,5075 TO 16,9861
Grp 5	2	5,6045	,1467	,1037	4,2862 TO 6,9227
Total	10	2,7505	2,5479	,8057	,9279 TO 4,5732

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
8,14578E+16	4	5	,000

Lampiran 8

PERUBAHAN BAU KERANG *Anadara granosa* SELAMA PENYIMPANAN

Lokasi	Kode	Waktu (jam)				
		0	8	16	24	32
Semarang	A1	agak amis (normal)	amis	busuk	busuk sekali	busuk
	A2	agak amis (normal)	amis	busuk	busuk sekali	busuk sekali
	B1	agak amis (normal)	amis	busuk	busuk sekali	busuk
	B2	agak amis (normal)	busuk	busuk	busuk sekali	busuk
	C1	agak amis (normal)	amis	busuk	busuk sekali	busuk
	C2	agak amis (normal)	amis	busuk	busuk sekali	busuk
	D1	agak amis (normal)	amis	busuk	busuk	busuk
	D2	agak amis (normal)	amis	busuk	busuk	busuk
	E1	agak amis (normal)	amis	busuk	busuk	busuk
	E2	agak amis (normal)	amis	busuk	busuk	busuk
Kendal	A1	agak amis (normal)	agak busuk	busuk	busuk sekali	busuk
	A2	agak amis (normal)	agak busuk	busuk	busuk sekali	busuk
	B1	agak amis (normal)	agak busuk	busuk	busuk sekali	busuk sekali
	B2	agak amis (normal)	agak busuk	busuk	busuk sekali	busuk sekali
	C1	agak amis (normal)	agak busuk	busuk	busuk sekali	busuk sekali
	C2	agak amis (normal)	agak busuk	busuk	busuk sekali	busuk sekali
	D1	agak amis (normal)	busuk	busuk	busuk	busuk
	D2	agak amis (normal)	busuk	busuk	busuk	busuk
	E1	agak amis (normal)	busuk	busuk	busuk	busuk
	E2	agak amis (normal)	busuk	busuk	busuk	busuk

LAMPIRAN 9

PERUBAHAN WARNA PADA JARINGAN KERANG *Anadara granosa*
SELAMA PENYIMPANAN

Lokasi	Kode	Waktu (jam)					
		0	8	16	24	32	
Semarang	A1	oranye kemerahan	oranye kemerahan, agak pucat	merah, pucat	pucat kebiruan	pucat	
	A2	oranye kemerahan	oranye kemerahan, agak pucat	merah, pucat	pucat kebiruan	pucat kebiruan	
	B1	oranye kemerahan	oranye kemerahan, agak pucat	oranye, pucat kebiruan	oranye, pucat	oranye kemerahan, pucat	
	B2	oranye	oranye pucat	pucat/kebiruan	oranye, pucat	oranye, pucat	
	C1	oranye kemerahan	oranye kemerahan, agak pucat	merah, pucat	oranye, pucat	pucat	
	C2	oranye kemerahan	oranye kemerahan, agak pucat	merah, pucat	oranye kemerahan, pucat	oranye, pucat	
	D1	oranye kemerahan	oranye kemerahan agak tua	merah, agak pucat	oranye pucat	oranye kemerahan, pucat	
	D2	oranye kemerahan	oranye kemerahan agak tua	merah, agak pucat	merah	oranye kemerahan, pucat	
	E1	oranye kemerahan agak tua	oranye kemerahan agak tua	merah, pucat	oranye kemerahan, pucat	oranye kemerahan, pucat	
	E2	oranye kemerahan	oranye kemerahan agak tua	merah, pucat	merah agak tua	oranye kemerahan, pucat	
	Kendal	A1	oranye kemerahan	oranye pucat	merah pucat	oranye pucat	merah tua
		A2	oranye kemerahan	oranye pucat	merah pucat	oranye pucat	oranye kemerahan, pucat
		B1	oranye cerah	oranye pucat	merah pucat	oranye pucat	oranye kemerahan, pucat
		B2	oranye agak tua	oranye pucat	merah pucat	oranye pucat	oranye pucat
C1		oranye pucat	oranye	merah pucat	oranye pucat	oranye kemerahan, pucat	
C2		oranye tua	oranye	merah pucat	oranye pucat	oranye pucat	
D1		oranye agak tua	oranye tua	merah pucat	merah tua, pucat	merah pucat	
D2		oranye	oranye tua	merah pucat	merah muda, pucat	oranye kemerahan, pucat	
E1	oranye	oranye agak tua	merah pucat	merah muda, pucat	merah pucat		
E2	oranye tua	oranye tua	merah pucat	merah muda, pucat	merah pucat		

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 FAKULTAS PERIKANAN DAN ILMU KELAUTAN
 JURUSAN PERIKANAN
 MALANG

01/01/2019

LAMPIRAN 10

PERUBAHAN KADAR AIR JARINGAN KERANG *Anadara granosa* SELAMA PENYIMPANAN

Lokasi	Diameter cangkang (cm)	Kadar air (%)				
		0 jam	8 jam	16 jam	24 jam	32 jam
Semarang	A	79,943573	78,077961	78,881468	81,979505	78,623519
	B	77,23532	75,349347	83,867473	75,968925	72,950895
	C	74,824328	72,774711	75,759165	74,126308	69,618643
	D	76,974764	74,207434	75,275833	76,389769	72,736667
	E	79,244149	75,706431	73,034269	74,713232	71,594731
Kendal	A	80,024316	78,956309	77,07254	80,762716	79,441955
	B	76,398251	80,23186	75,157293	78,322049	76,291955
	C	78,483622	76,922742	75,375894	78,869056	80,722738
	D	78,007268	77,955982	79,009339	76,059091	78,067301
	E	75,317849	75,158276	76,279164	77,959252	76,954006

Keterangan : Semarang : A = 2,30 - 2,74 cm
 B = 2,75 - 3,19 cm
 C = 3,20 - 3,64 cm
 D = 3,65 - 4,09 cm
 E = 4,09 - 4,54 cm

Kendal : A = 2,24 - 2,49 cm
 B = 2,50 - 2,75 cm
 C = 2,76 - 3,01 cm
 D = 3,02 - 3,27 cm
 E = 3,28 - 3,53 cm



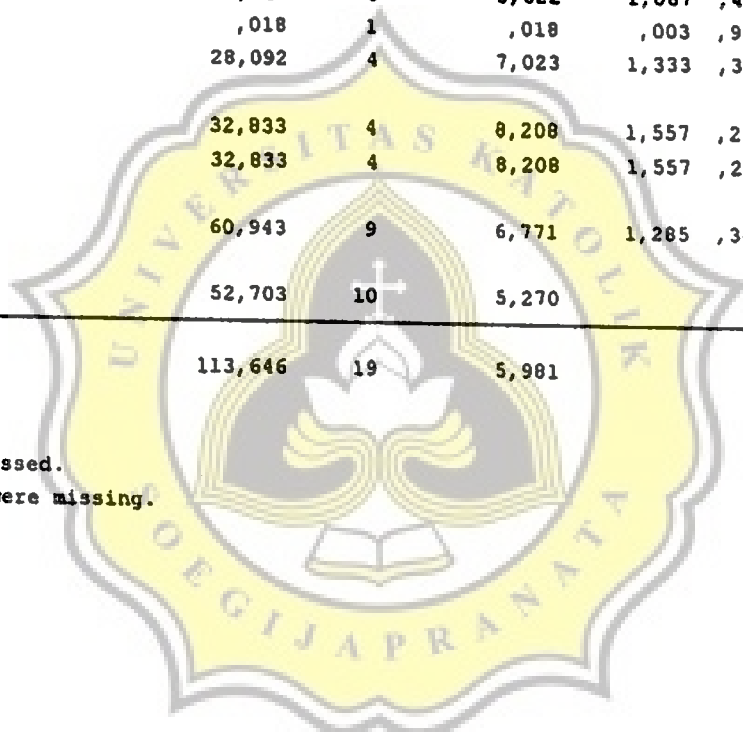
LAMPIRAN 11

HASIL ANALISIS ANOVA DUA ARAH KADAR AIR JARINGAN DENGAN FAKTOR LOKASI DAN UKURAN PADA KERANG *Anadara granosa*

Analysis of Variance

Sum of Source of Variation	Mean Squares	DF	Sig Square	F	of F
Main Effects					
LOK	28,110	5	5,622	1,067	,433
SIZE	,018	1	,018	,003	,955
	28,092	4	7,023	1,333	,323
2-Way Interactions					
LOK SIZE	32,833	4	8,208	1,557	,259
	32,833	4	8,208	1,557	,259
Explained	60,943	9	6,771	1,285	,349
Residual	52,703	10	5,270		
Total	113,646	19	5,981		

21 cases were processed.
1 cases (4,8 pct) were missing.



LAMPIRAN 12

HASIL ANALISIS ANOVA SATU ARAH KADAR AIR JARINGAN DENGAN FAKTOR UKURAN PADA KERANG *Anadara granosa* DARI LOKASI SEMARANG

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	32,8388	8,2097	,7807	,5830
Within Groups	5	52,5770	10,5154		
Total	9	85,4158			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int	for Mean
Grp 1	2	79,9450	6,5932	4,6550	20,7976	TO 139,0924
Grp 2	2	77,2350	1,4071	,9950	64,5923	TO 89,8777
Grp 3	2	74,8250	1,1809	,8350	64,2153	TO 85,4347
Grp 4	2	76,9750	2,2132	1,5650	57,0898	TO 96,8602
Grp 5	2	79,2450	,9829	,6950	70,4142	TO 88,0758
Total	10	77,6450	3,0807	,9742	75,4412	TO 79,8488

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
2,89376E+16	4	5	,000

LAMPIRAN 13

HASIL ANALISIS ANOVA SATU ARAH KADAR AIR JARINGAN DENGAN FAKTOR UKURAN PADA KERANG *Anadara granosa* DARI LOKASI KENDAL

Analysis of Variance

Source	D. F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	28,0863	7,0216	279,6326	,0000
Within Groups	5	,1255	,0251		
Total	9	28,2118			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	2	80,0250	,0919	,0650	79,1991 TO 80,8509
Grp 2	2	76,4000	,0990	,0700	75,5106 TO 77,2894
Grp 3	2	78,7800	,2546	,1800	76,4929 TO 81,0671
Grp 4	2	78,0050	,0212	,0150	77,8144 TO 78,1956
Grp 5	2	75,3150	,2051	,1450	73,4726 TO 77,1574
Total	10	77,7050	1,7705	,5599	76,4305 TO 78,9715

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
	4	5	

Multiple Range Tests: Duncan test with significance level ,05

The difference between two means is significant if

$$\text{MEAN}(J) - \text{MEAN}(I) \geq ,1120 * \text{RANGE} * \text{SQRT}(1/N(I) + 1/N(J))$$

with the following value(s) for RANGE:

Step	2	3	4	5
RANGE	3,64	3,75	3,79	3,81

(*) Indicates significant differences which are shown in the lower triangle

Mean	SIZE	
75,3150	Grp 5	
76,4000	Grp 2	*
78,0050	Grp 4	* *
78,7800	Grp 3	* * *
80,0250	Grp 1	* * * *

G G G G G
 r r r r r
 p p p p p
 5 2 4 3 1

Homogeneous Subsets (highest and lowest means are not significantly different)

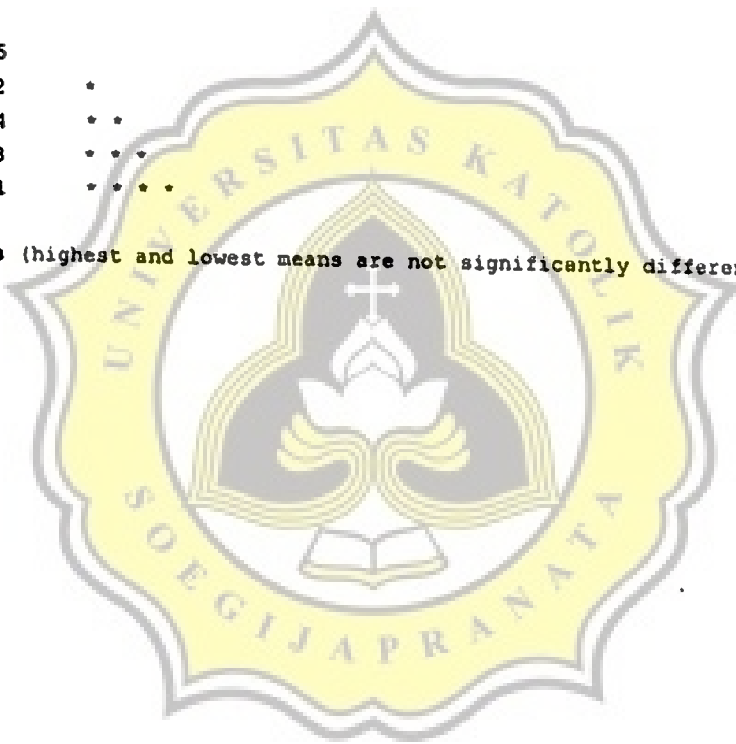
Subset 1
 Group Grp 5
 Mean 75,3150

Subset 2
 Group Grp 2
 Mean 76,4000

Subset 3
 Group Grp 4
 Mean 78,0050

Subset 4
 Group Grp 3
 Mean 78,7800

Subset 5
 Group Grp 1
 Mean 80,0250



LAMPIRAN 14

PERUBAHAN pH JARINGAN KERANG *Anadara granosa* SELAMA PENYIMPANAN

Lokasi	Diameter cangkang (cm)	Rata-rata pH				
		0 jam	8 jam	16 jam	24 jam	32 jam
Semarang	A	7,86	6,26	6,95	6,23	6,65
	B	7,85	6,27	7,48	6,87	6,66
	C	7,68	6,90	7,55	7,70	7,45
	D	7,87	6,65	7,21	7,46	7,40
	E	7,83	6,80	7,69	7,80	7,59
Kendal	A	7,82	7,94	7,55	7,68	7,52
	B	7,97	7,81	7,83	7,63	6,78
	C	7,50	7,83	7,16	7,65	7,54
	D	7,52	7,68	7,49	7,66	7,74
	E	7,89	7,75	7,40	7,61	6,16

Keterangan : Semarang : A = 2,30 - 2,74 cm
 B = 2,75 - 3,19 cm
 C = 3,20 - 3,64 cm
 D = 3,65 - 4,09 cm
 E = 4,09 - 4,54 cm

Kendal : A = 2,24 - 2,49 cm
 B = 2,50 - 2,75 cm
 C = 2,76 - 3,01 cm
 D = 3,02 - 3,27 cm
 E = 3,28 - 3,53 cm

LAMPIRAN 15

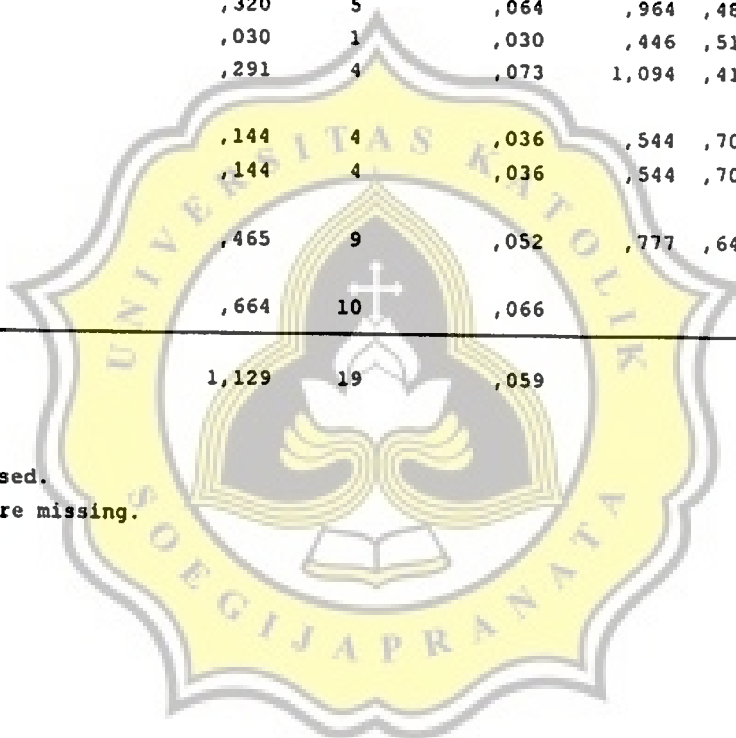
HASIL ANALISIS ANOVA DUA ARAH pH JARINGAN DENGAN FAKTOR LOKASI DAN UKURAN PADA KERANG *Anadara granosa*

Analysis of Variance

Source of Variation	Sum of Squares	DF	Mean Square	F	Sig of F
Main Effects	,320	5	,064	,964	,483
LOK	,030	1	,030	,446	,519
SIZE	,291	4	,073	1,094	,411
2-Way Interactions	,144	4	,036	,544	,708
LOK SIZE	,144	4	,036	,544	,708
Explained	,465	9	,052	,777	,642
Residual	,664	10	,066		
Total	1,129	19	,059		

21 cases were processed.

1 cases (4,8 pct) were missing.



LAMPIRAN 16

HASIL ANALISIS ANOVA SATU ARAH pH JARINGAN DENGAN FAKTOR UKURAN PADA KERANG *Anadara granosa* DARI LOKASI SEMARANG

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	,0503	,0126	,2734	,8835
Within Groups	5	,2299	,0460		
Total	9	,2802			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	2	7,8550	,0354	,0250	7,5373 TO 8,1727
Grp 2	2	7,8500	,1556	,1100	6,4523 TO 9,2477
Grp 3	2	7,6750	,4455	,3150	3,6725 TO 11,6775
Grp 4	2	7,8650	,0778	,0550	7,1662 TO 8,5638
Grp 5	2	7,8300	,0000	,0000	7,8300 TO 7,8300
Total	10	7,8150	,1765	,0558	7,6888 TO 7,9412

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
	4	5	

LAMPIRAN 17

HASIL ANALISIS ANOVA SATU ARAH pH JARINGAN DENGAN FAKTOR UKURAN PADA KERANG *Anadara granosa* DARI LOKASI KENDAL

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	,3849	,0962	1,1072	,4452
Within Groups	5	,4345	,0869		
Total	9	,8194			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int	for Mean
Grp 1	2	7,8200	,6081	,4300	2,3563 TO	13,2837
Grp 2	2	7,9700	,0141	,0100	7,8429 TO	8,0971
Grp 3	2	7,4950	,0071	,0050	7,4315 TO	7,5585
Grp 4	2	7,5150	,2475	,1750	5,2914 TO	9,7386
Grp 5	2	7,8900	,0566	,0400	7,3818 TO	8,3982
Total	10	7,7380	,3017	,0954	7,5222 TO	7,9538

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
	4	5	

LAMPIRAN 18

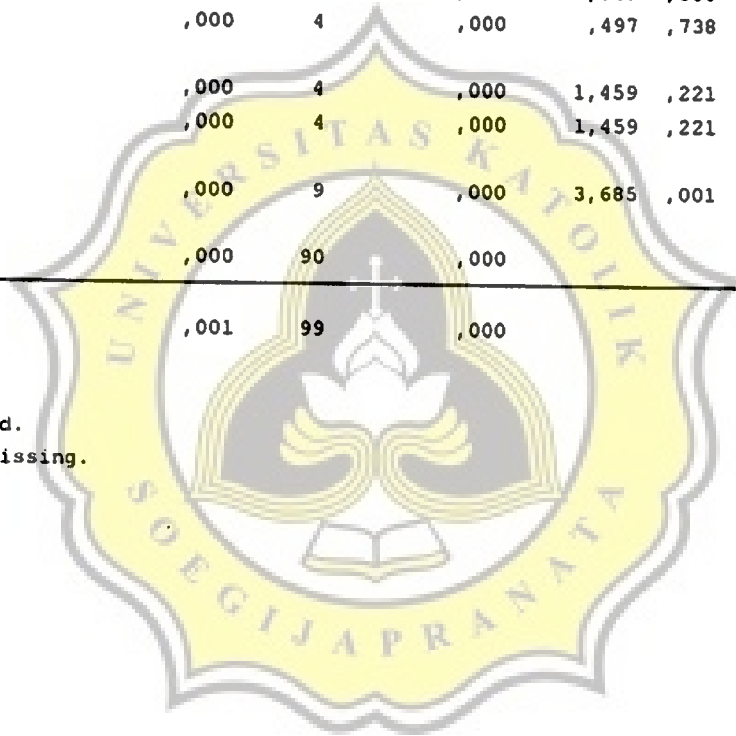
HASIL ANALISIS ANOVA DUA ARAH LAJU DEKOMPOSISI JARINGAN DENGAN FAKTOR LOKASI DAN UKURAN PADA KERANG *Anadara granosa*

Analysis of variance

Source of Variation	Sum of Squares	DF	Mean Square	F	Sig of F
Main Effects					
LOK	,000	5	,000	5,467	,000
SIZE	,000	1	,000	25,348	,000
SIZE	,000	4	,000	,497	,738
2-Way Interactions					
LOK SIZE	,000	4	,000	1,459	,221
LOK SIZE	,000	4	,000	1,459	,221
Explained	,000	9	,000	3,685	,001
Residual	,000	90	,000		
Total	,001	99	,000		

100 cases were processed.

0 cases (,0 pct) were missing.



LAMPIRAN 19

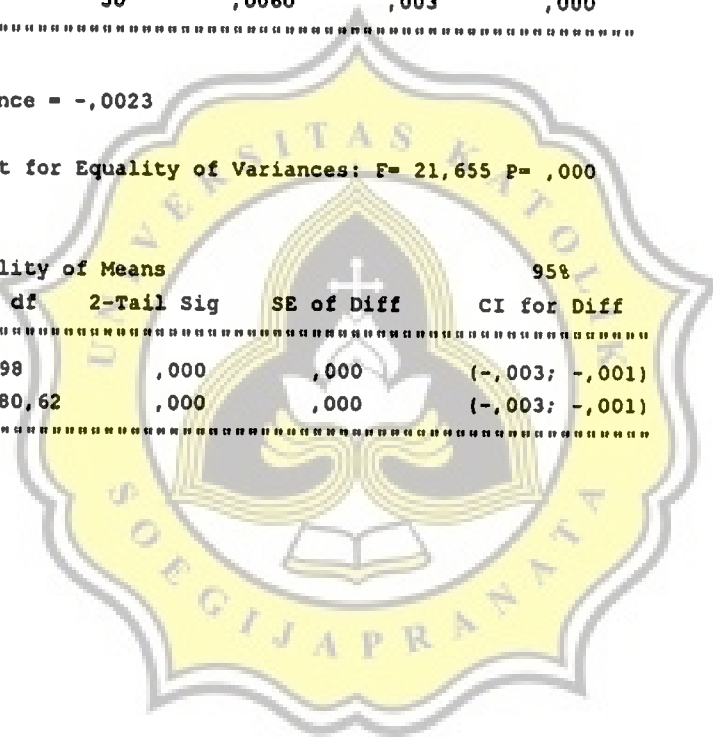
HASIL UJI T LAJU DEKOMPOSISI JARINGAN KERANG *Anadara granosa* DENGAN FAKTOR LOKASI

Variable	Number of Cases	Mean	SD	SE of Mean
K				
LOK 1,	50	,0037	,002	,000
LOK 2,	50	,0060	,003	,000

Mean Difference = -,0023

Levene's Test for Equality of Variances: F= 21,655 p= ,000

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-5,04	98	,000	,000	(-,003; -,001)
Unequal	-5,04	80,62	,000	,000	(-,003; -,001)



LAMPIRAN 20

HASIL ANALISIS ANOVA SATU ARAH LAJU DEKOMPOSISI JARINGAN DENGAN FAKTOR UKURAN PADA KERANG *Anadara granosa* LOKASI SEMARANG

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	,0000	,0000	,5148	,7252
Within Groups	45	,0001	,0000		
Total	49	,0001			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	10	,0031	,0022	,0007	,0016 TO ,0047
Grp 2	10	,0036	,0017	,0005	,0024 TO ,0048
Grp 3	10	,0039	,0016	,0005	,0027 TO ,0050
Grp 4	10	,0038	,0011	,0004	,0030 TO ,0046
Grp 5	10	,0042	,0017	,0005	,0029 TO ,0054
Total	50	,0037	,0017	,0002	,0032 TO ,0042

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
,4797	4	45	,750

LAMPIRAN 21

HASIL ANALISIS ANOVA SATU ARAH LAJU DEKOMPOSISI JARINGAN DENGAN FAKTOR UKURAN PADA KERANG *Anadara granosa* LOKASI KENDAL

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	,0000	,0000	1,1562	,3428
Within Groups	45	,0003	,0000		
Total	49	,0004			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	10	,0073	,0035	,0011	,0048 TO ,0098
Grp 2	10	,0051	,0025	,0008	,0033 TO ,0069
Grp 3	10	,0062	,0027	,0009	,0043 TO ,0081
Grp 4	10	,0063	,0021	,0007	,0048 TO ,0078
Grp 5	10	,0051	,0026	,0008	,0032 TO ,0070
Total	50	,0060	,0027	,0004	,0052 TO ,0068

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
1,4762	4	45	,225

LAMPIRAN 22

HASIL UJI REGRESI DEKOMPOSISI BIOMASSA KERANG *Anadara granosa* DARI LOKASI SEMARANG

* * * * * M U L T I P L E R E G R E S S I O N * * * * *

N of Cases = 12

	Mean	Std Dev	Label
A1	-.261	.652	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.009198	5.3853E-04	-.983291	-17.081	.0000
(Constant)	.486861	.056638		8.596	.0000

	Mean	Std Dev	Label
A2	-.573	.701	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.009927	5.1414E-04	-.986853	-19.309	.0000
(Constant)	.234565	.054074		4.338	.0015

	Mean	Std Dev	Label
A3	.245	.158	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002255	9.4975E-05	-.991250	-23.747	.0000
(Constant)	.428041	.009989		42.852	.0000

Mean Std Dev Label

A4	-.034	.177			
TIME	81.333	69.645			

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002515	1.3026E-04	-.986849	-19.306	.0000
(Constant)	.170625	.013700		12.455	.0000

Mean Std Dev Label

A5	.143	.193			
TIME	81.333	69.645			

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002752	1.0389E-04	-.992951	-26.492	.0000
(Constant)	.366368	.010926		33.531	.0000

Mean Std Dev Label

A6	.328	.172			
TIME	81.333	69.645			

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002453	7.3432E-05	-.995549	-33.405	.0000
(Constant)	.527491	.007723		68.301	.0000

Mean Std Dev Label

A7	.115	.170			
----	------	------	--	--	--

TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002419	9.3137E-05	-.992667	-25.968	.0000
(Constant)	.312108	.009795		31.862	.0000

Mean Std Dev Label

A8
TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003527	9.5045E-05	-.996388	-37.107	.0000
(Constant)	-.081570	.009996		-8.160	.0000

Mean Std Dev Label

A9
TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002308	8.1516E-05	-.993823	-28.318	.0000
(Constant)	.358555	.008573		41.822	.0000

Mean Std Dev Label

A10
TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002864	1.4047E-04	-.988183	-20.387	.0000
(Constant)	.494301	.014773		33.459	.0000

Mean Std Dev Label

B1 ,050 ,508
 TIME 81,333 69,645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-,007225	3,1166E-04	-,990824	-23,182	,0000
(Constant)	,637786	,032779		19,457	,0000

Mean Std Dev Label

B2 ,781 ,209
 TIME 81,333 69,645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-,002748	3,8512E-04	-,914229	-7,135	,0000
(Constant)	1,004789	,040505		24,807	,0000

Mean Std Dev Label

B3 ,307 ,397
 TIME 81,333 69,645

----- Variables in the Equation -----

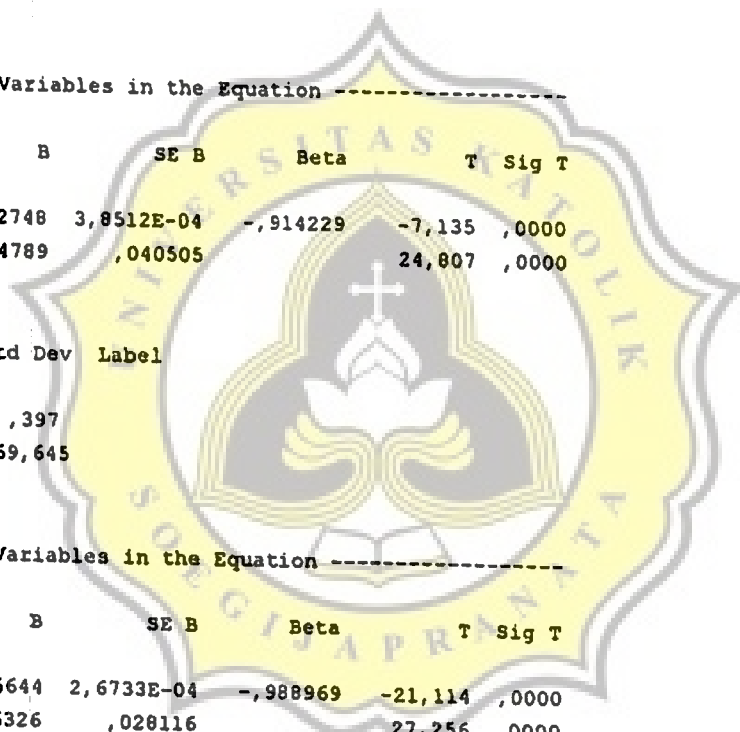
Variable	B	SE B	Beta	T	Sig T
TIME	-,005644	2,6733E-04	-,988969	-21,114	,0000
(Constant)	,766326	,028116		27,256	,0000

Mean Std Dev Label

B4 ,492 ,291
 TIME 81,333 69,645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-,004120	2,3194E-04	-,984519	-17,762	,0000
(Constant)	,826603	,024394		33,885	,0000



Mean Std Dev Label

B5 ,611 ,156
TIME 81,333 69,645

-----Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-,002133	2,1344E-04	-,953415	-9,994	,0000
(Constant)	,784851	,022448		34,962	,0000

Mean Std Dev Label

B6 ,928 ,160
TIME 81,333 69,645

-----Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-,002087	3,0152E-04	-,909552	-6,921	,0000
(Constant)	1,097774	,031712		34,617	,0000

Mean Std Dev Label

B7 ,628 ,293
TIME 81,333 69,645

-----Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-,004042	3,6288E-04	-,961979	-11,138	,0000
(Constant)	,956568	,038166		25,064	,0000

Mean Std Dev Label

B8 ,616 ,265
TIME 81,333 69,645

-----Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-,003574	4,1414E-04	-,938941	-8,629	,0000

(Constant) ,906253 ,043557 20,806 ,0000

Mean Std Dev Label

B9 ,585 ,151
 TIME 81,333 69,645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002167	5,8878E-05	-.996329	-36,802	,0000
(Constant)	,760944	,006192		122,885	,0000

Mean Std Dev Label

B10 ,369 ,156
 TIME 81,333 69,645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002221	9,6099E-05	-.990773	-23,117	,0000
(Constant)	,549685	,010107		54,387	,0000

Mean Std Dev Label

C1 ,925 ,423
 TIME 81.333 69.645

----- Variables in the Equation -----

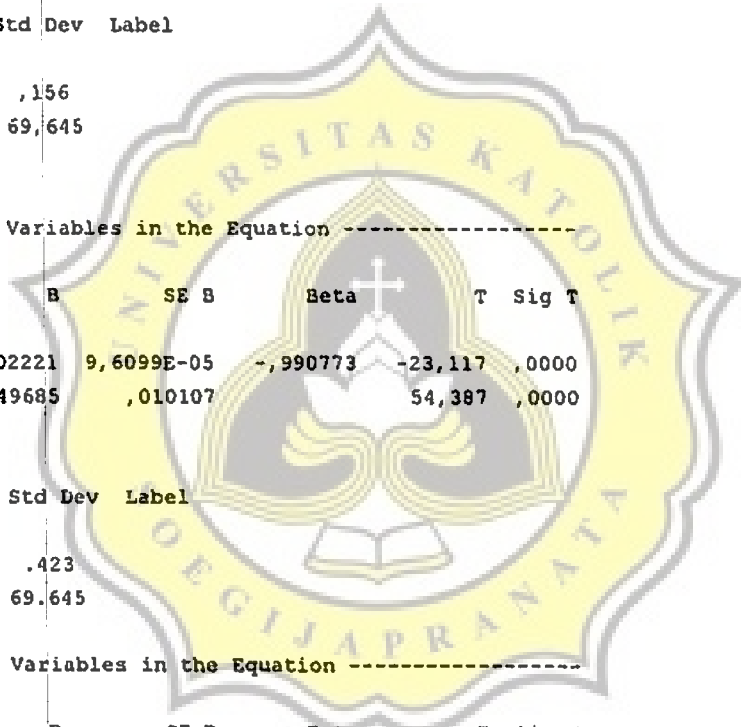
Variable	B	SE B	Beta	T	Sig T
TIME	-.006018	2.7010E-04	-.990079	-22.282	.0000
(Constant)	1.413997	.028407		49.775	.0000

Mean Std Dev Label

c2 1.212 ,251
 TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
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TIME	-.003541	2.1635E-04	-.981837	-16.365	.0000
(Constant)	1.499655	.022754		65.906	.0000

Mean Std Dev Label

C3	1.294	.277			
TIME	81.333	69.645			

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003801	3.6951E-04	-.955864	-10.288	.0000
(Constant)	1.603458	.038862		41.260	.0000

Mean Std Dev Label

C4	1.327	.206			
TIME	81.333	69.645			

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002440	5.2594E-04	-.826258	-4.639	.0009
(Constant)	1.525546	.055314		27.580	.0000

Mean Std Dev Label

C5	1.091	.280			
TIME	81.333	69.645			

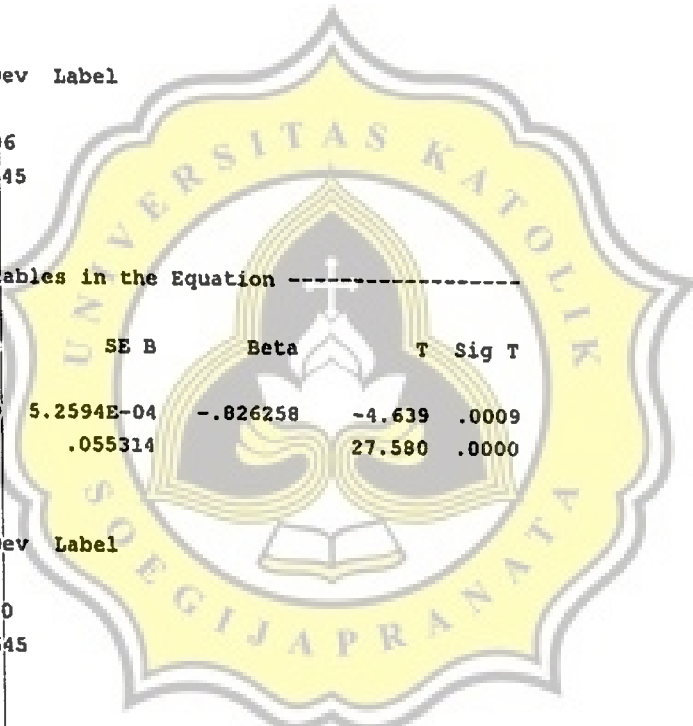
----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003959	2.1249E-04	-.985900	-18.632	.0000
(Constant)	1.412607	.022348		63.209	.0000

Mean Std Dev Label

C6	1.793	.089			
TIME	81.333	69.645			

----- Variables in the Equation -----



Variable	B	SE B	Beta	T	Sig T
TIME	-.001253	7.0831E-05	-.984393	-17.689	.0000
(Constant)	1.894767	.007450		254.348	.0000

Mean Std Dev Label

C7	.853	.478
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.006809	2.7965E-04	-.991672	-24.349	.0000
(Constant)	1.407169	.029412		47.844	.0000

Mean Std Dev Label

C8	1.147	.288
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.004079	2.2457E-04	-.985177	-18.161	.0000
(Constant)	1.479171	.023619		62.626	.0000

Mean Std Dev Label

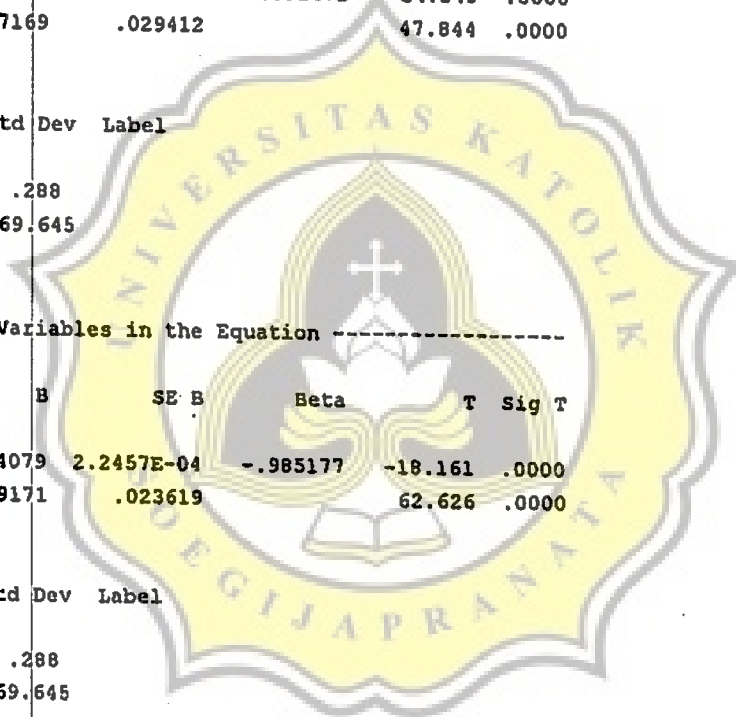
C9	1.125	.288
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003903	4.3079E-04	-.944140	-9.060	.0000
(Constant)	1.442151	.045308		31.830	.0000

Mean Std Dev Label

C10	1.234	.206
TIME	81.333	69.645



----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002830	2.7183E-04	-.956827	-10.410	.0000
(Constant)	1.463836	.028589		51.202	.0000

Mean Std Dev Label

D1	1.471	.201
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002849	1.5876E-04	-.984825	-17.945	.0000
(Constant)	1.703051	.016697		101.996	.0000

Mean Std Dev Label

D2	1.414	.296
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.004084	3.7127E-04	-.961080	-11.001	.0000
(Constant)	1.745704	.039047		44.707	.0000

Mean Std Dev Label

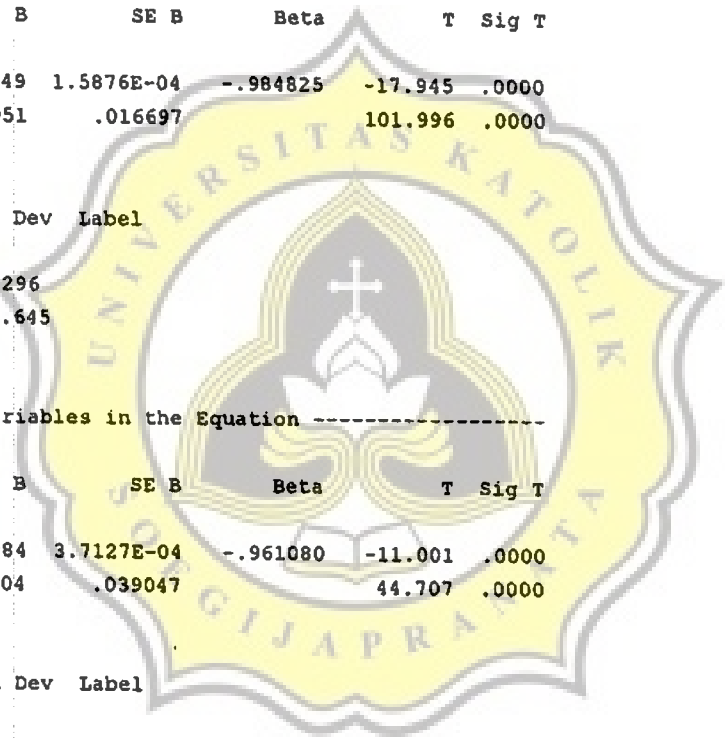
D3	1.186	.406
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.005789	2.1189E-04	-.993367	-27.319	.0000
(Constant)	1.656815	.022285		74.346	.0000

Mean Std Dev Label

D4	1.551	.149
----	-------	------



TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.001991	2.4281E-04	-.933029	-8.200	.0000
(Constant)	1.712910	.025537		67.075	.0000

Mean Std Dev Label

D5 1.222 .366
TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.005207	2.1774E-04	-.991369	-23.913	.0000
(Constant)	1.645755	.022900		71.867	.0000

Mean Std Dev Label

D6 1.380 .311
TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.004417	2.1404E-04	-.988463	-20.637	.0000
(Constant)	1.739358	.022511		77.268	.0000

Mean Std Dev Label

D7 1.294 .262
TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003665	2.7045E-04	-.973841	-13.553	.0000
(Constant)	1.591735	.028444		55.960	.0000

Mean Std Dev Label

D8 1.572 .212
 TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002984	1.7883E-04	-.982517	-16.688	.0000
(Constant)	1.815070	.018808		96.505	.0000

Mean Std Dev Label

D9 1.296 .259
 TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003421	4.6315E-04	-.919310	-7.387	.0000
(Constant)	1.573888	.048711		32.311	.0000

Mean Std Dev Label

D10 1.238 .265
 TIME 81.333 69.645

----- Variables in the Equation -----

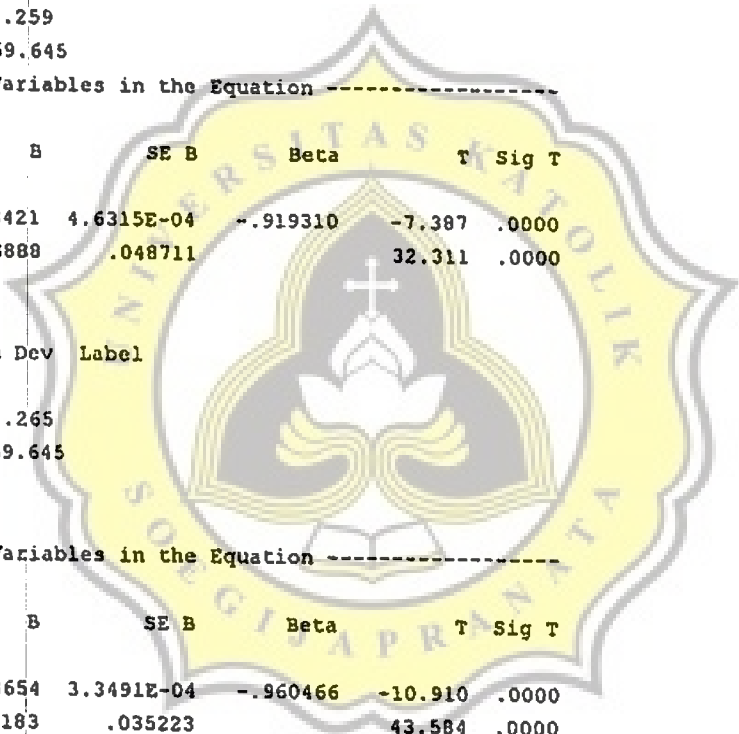
Variable	B	SE B	Beta	T	Sig T
TIME	-.003654	3.3491E-04	-.960466	-10.910	.0000
(Constant)	1.535183	.035223		43.584	.0000

Mean Std Dev Label

E1 1.329 .428
 TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.006115	1.7398E-04	-.995977	-35.146	.0000
(Constant)	1.826295	.018298		99.809	.0000



	Mean	Std Dev	Label
E2	1.478	.427	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.006089	2.2776E-04	-.993077	-26.734	.0000
(Constant)	1.973527	.023954		82.387	.0000

	Mean	Std Dev	Label
E3	1.873	.150	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.001995	2.5193E-04	-.928676	-7.918	.0000
(Constant)	2.034943	.026496		76.801	.0000

	Mean	Std Dev	Label
E4	1.530	.372	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.005301	1.9234E-04	-.993483	-27.563	.0000
(Constant)	1.961453	.020228		96.965	.0000

	Mean	Std Dev	Label
E5	1.758	.155	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002154	1.8362E-04	-.965540	-11.732	.0000

(Constant)	1.933539	.019312		100.121	.0000
------------	----------	---------	--	---------	-------

	Mean	Std Dev	Label
E6	1.871	.170	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.006112	1.8895E-04	-.995256	-32.347	.0000
(Constant)	1.776427	.019872		89.391	.0000

	Mean	Std Dev	Label
E7	1,279	,428	
TIME	81,333	69,645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.006112	1,8895E-04	-,995256	-32,347	,0000
(Constant)	1,776427	,019872		89,391	,0000

	Mean	Std Dev	Label
E8	1.711	.244	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003090	5.2159E-04	-.882181	-5.924	.0001
(Constant)	1.962228	.054857		35.770	.0000

	Mean	Std Dev	Label
E9	1.513	.295	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
----------	---	------	------	---	-------

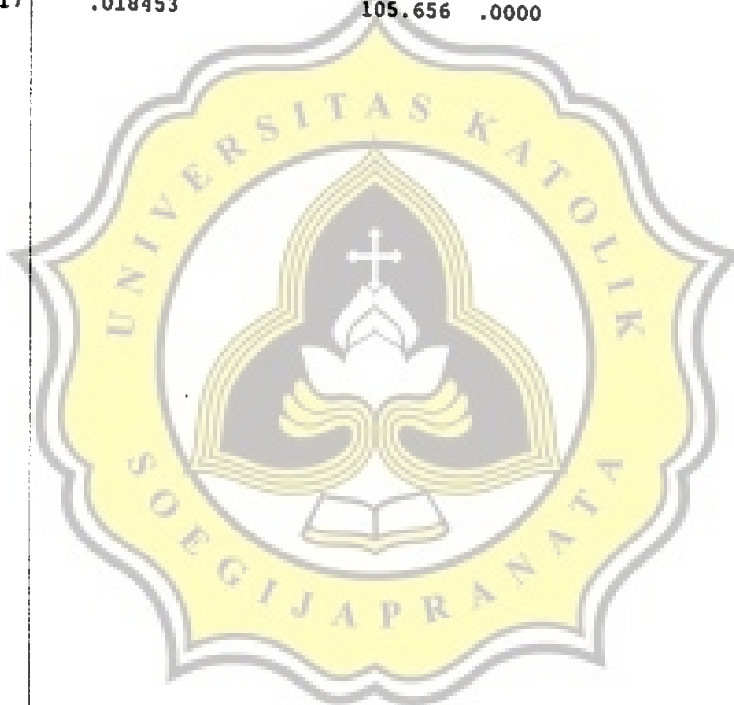
TIME	-.003598	7.0294E-04	-.850764	-5.119	.0005
(Constant)	1.805654	.073930		24.424	.0000

Mean Std Dev Label

E1	1.577	.322	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.004587	1.7546E-04	-.992763	-26.142	.0000
(Constant)	1.949717	.018453		105.656	.0000



LAMPIRAN 23

HASIL UJI REGRESI DEKOMPOSISI BIOMASSA KERANG *Anadara granosa* DARI LOKASI KENDAL

***** MULTIPLE REGRESSION *****

N of Cases = 12

	Mean	Std Dev	Label
A1	-.530	.744	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.010307	8.9086E-04	-.964619	-11.570	.0000
(Constant)	.308293	.093694		3.290	.0081

	Mean	Std Dev	Label
A2	-.550	.418	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.005970	2.1205E-04	-.993751	-28.153	.0000
(Constant)	-.064859	.022302		-2.908	.0156

	Mean	Std Dev	Label
A3	-.871	.703	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.009273	.001262	-.918580	-7.350	.0000
(Constant)	-.116894	.132691		-.881	.3990

Mean Std Dev Label

A4	-.940	.760
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.010653	7.5613E-04	-.975724	-14.089	.0000
(Constant)	-.073920	.079524		-.930	.3745

Mean Std Dev Label

A5	-.616	.593
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.008448	3.4755E-04	-.991644	-24.308	.0000
(Constant)	.071405	.036553		1.953	.0793

Mean Std Dev Label

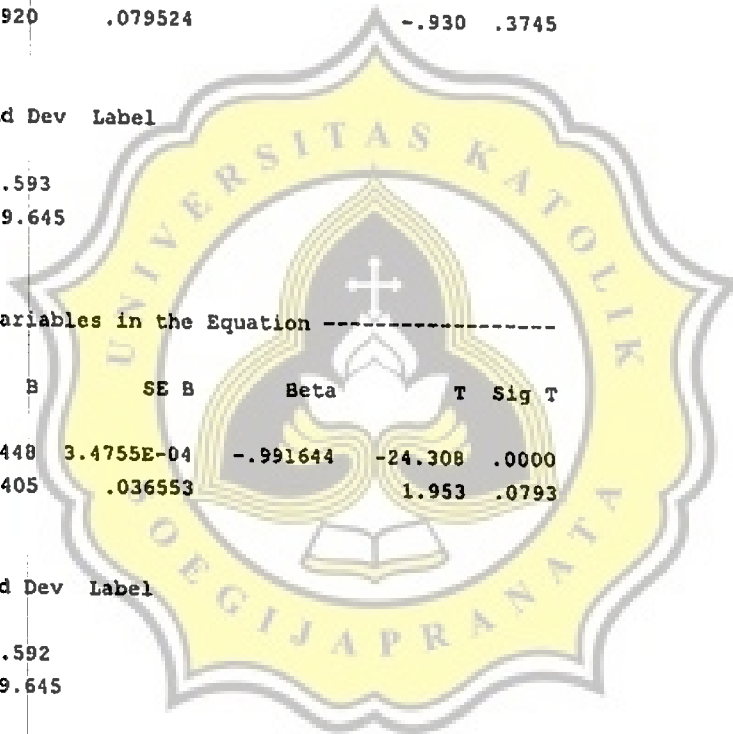
A6	-.971	.592
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.008450	3.0557E-04	-.993525	-27.654	.0000
(Constant)	-.284134	.032137		-8.841	.0000

Mean Std Dev Label

A7	-.324	.237
TIME	81.333	69.645



----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003348	1.9035E-04	-.984217	-17.588	.0000
(Constant)	-.051811	.020019		-2.588	.0270

Mean Std Dev Label

A8	-.245	.310
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.004422	1.6620E-04	-.993010	-26.604	.0000
(Constant)	.114518	.017479		6.552	.0001

Mean Std Dev Label

A9	-.733	.798
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.011339	5.1595E-04	-.989806	-21.978	.0000
(Constant)	.189580	.054264		3.494	.0058

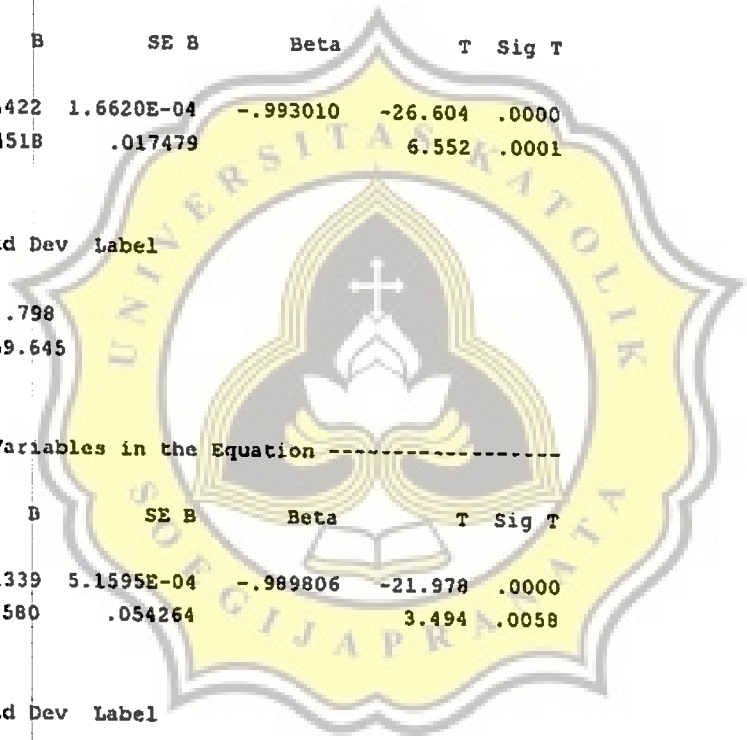
Mean Std Dev Label

A10	-.668	.337
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	6.51796E-04	.001516	.134696	.430	.6764
(Constant)	-.721261	.159472		-4.523	.0011

Mean Std Dev Label



B1 .219 .181
 TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002565	1.3682E-04	-.986069	-18.746	.0000
(Constant)	.427231	.014390		29.689	.0000

Mean Std Dev Label

B2 -.632 .778
 TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.011100	3.8198E-04	-.994131	-29.058	.0000
(Constant)	.271041	.040174		6.747	.0001

Mean Std Dev Label

B3 .075 .288
 TIME 81.333 69.645

----- Variables in the Equation -----

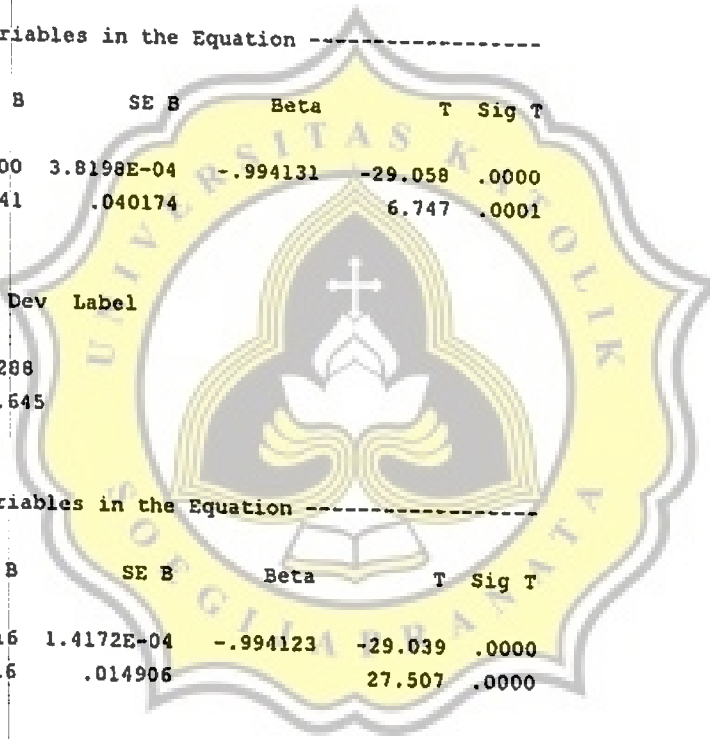
Variable	B	SE B	Beta	T	Sig T
TIME	-.004116	1.4172E-04	-.994123	-29.039	.0000
(Constant)	.410016	.014906		27.507	.0000

Mean Std Dev Label

B4 -.532 .509
 TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.006986	6.8024E-04	-.955720	-10.270	.0000
(Constant)	.035978	.071543		.503	.6259



	Mean	Std Dev	Label
B5	.116	.284	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.004051	1.4859E-04	-.993340	-27.262	.0000
(Constant)	.445325	.015627		28.497	.0000

Mean Std Dev Label

B6	.119	.174
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002463	1.2017E-04	-.988308	-20.497	.0000
(Constant)	.319397	.012639		25.271	.0000

Mean Std Dev Label

B7	.107	.333
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.004751	1.6967E-04	-.993683	-28.000	.0000
(Constant)	.493129	.017844		27.635	.0000

Mean Std Dev Label

B8	.117	.319
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.004550	1.6928E-04	-.993150	-26.877	.0000
(Constant)	.487332	.017803		27.373	.0000

	Mean	Std Dev	Label
B9	.220	.367	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.005245	1.6037E-04	-.995358	-32.707	.0000
(Constant)	.646941	.016867		38.356	.0000

	Mean	Std Dev	Label
B10	.049	.355	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.005050	2.0633E-04	-.991757	-24.476	.0000
(Constant)	.459627	.021701		21.180	.0000

	Mean	Std Dev	Label
C1	.242	.283	
TIME	81.333	69.645	

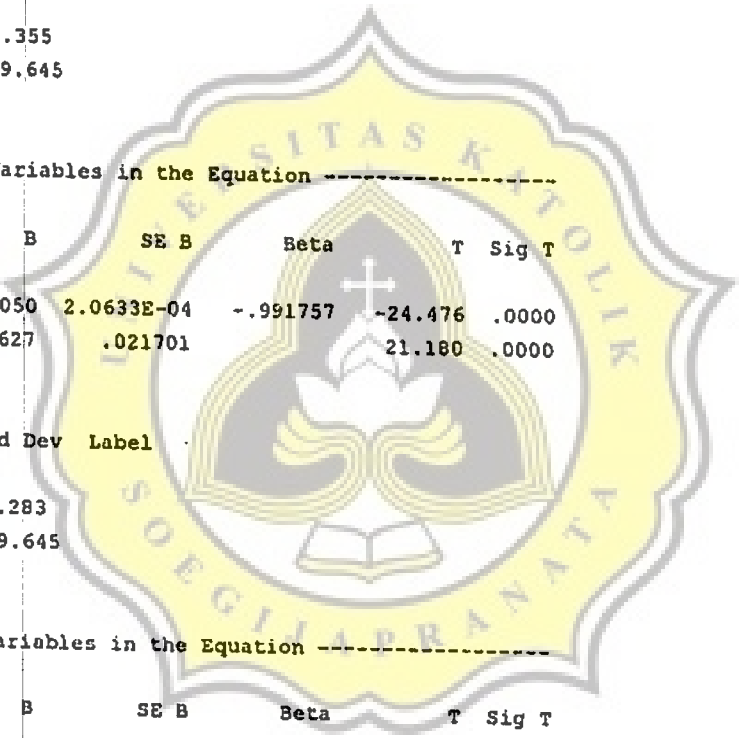
----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.004027	1.8771E-04	-.989309	-21.452	.0000
(Constant)	.569558	.019742		28.850	.0000

	Mean	Std Dev	Label
C2	.228	.717	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
----------	---	------	------	---	-------



TIME	-.010194	4.5196E-04	-.990314	-22.554	.0000
(Constant)	1.056616	.047534		22.229	.0000

Mean Std Dev Label

C3	.270	.701
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.009666	8.8977E-04	-.960146	-10.863	.0000
(Constant)	1.055700	.093580		11.281	.0000

Mean Std Dev Label

C4	.324	.587
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.008066	7.7701E-04	-.956601	-10.381	.0000
(Constant)	.979808	.081720		11.990	.0000

Mean Std Dev Label

C5	.340	.241
TIME	81.333	69.645

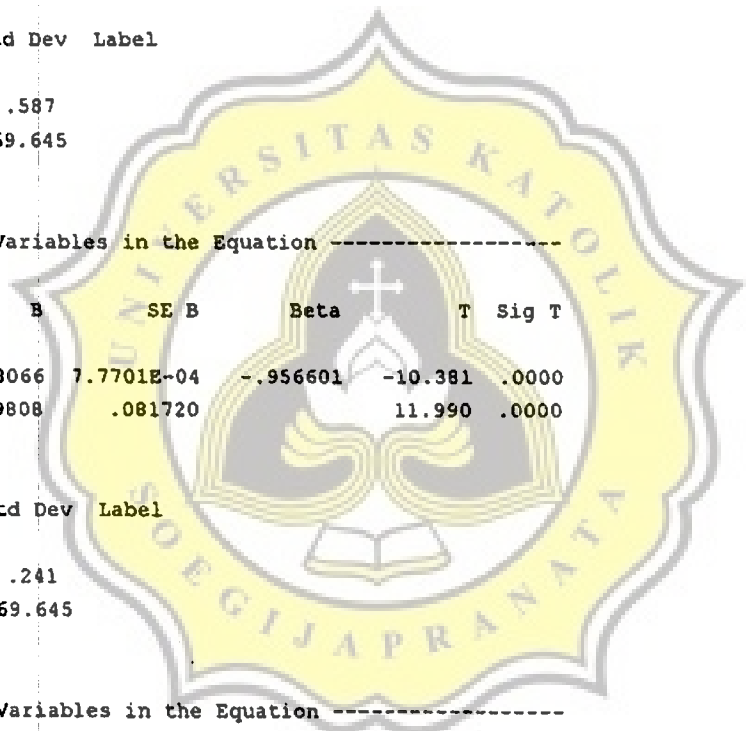
----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003383	2.3565E-04	-.976582	-14.354	.0000
(Constant)	.614625	.024784		24.799	.0000

Mean Std Dev Label

C6	.669	.396
TIME	81.333	69.645

----- Variables in the Equation -----



Variable	B	SE B	Beta	T	Sig T
TIME	-.005663	1.8338E-04	-.994798	-30.880	.0000
(Constant)	1.129390	.019286		58.559	.0000

Mean Std Dev Label

C7	.374	.234
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003264	2.4923E-04	-.972057	-13.095	.0000
(Constant)	.639670	.026213		24.403	.0000

Mean Std Dev Label

C8	.441	.517
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.007362	3.1931E-04	-.990724	-23.055	.0000
(Constant)	1.039591	.033582		30.956	.0000

Mean Std Dev Label

C9	.515	.514
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.007092	6.4830E-04	-.960670	-10.940	.0000
(Constant)	1.092152	.068183		16.018	.0000

Mean Std Dev Label

C10	.280	.214
TIME	81.333	69.645

----- Variables in the Equation -----

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003044	1.3052E-04	-.990934	-23.325	.0000
(Constant)	.527747	.013728		38.444	.0000

Mean Std Dev Label

D1	.476	.530
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.007506	3.9170E-04	-.986655	-19.162	.0000
(Constant)	1.086931	.041196		26.384	.0000

Mean Std Dev Label

D2	.883	.290
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003973	3.8763E-04	-.955553	-10.249	.0000
(Constant)	1.206068	.040768		29.584	.0000

Mean Std Dev Label

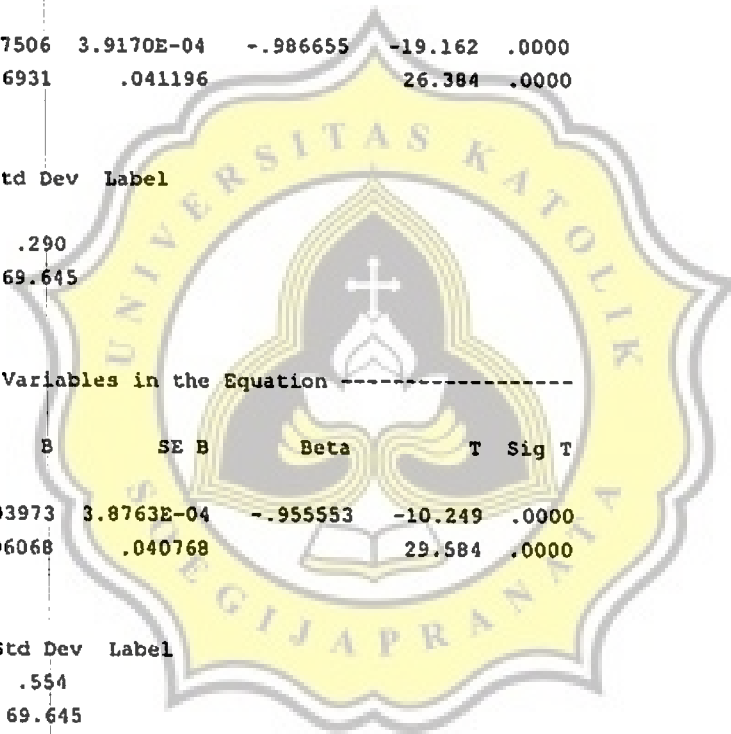
D3	.453	.554
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.007845	4.0626E-04	-.986856	-19.311	.0000
(Constant)	1.090671	.042727		25.526	.0000

Mean Std Dev Label

D4	.504	.541
TIME	81.333	69.645



----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.007699	3.2057E-04	-.991442	-24.016	.0000
(Constant)	1.130422	.033715		33.528	.0000

Mean Std Dev Label

D5	.676	.381			
TIME	81.333	69.645			

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.005198	5.3975E-04	-.950092	-9.631	.0000
(Constant)	1.098394	.056767		19.349	.0000

Mean Std Dev Label

D6	.602	.522			
TIME	81.333	69.645			

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.007431	3.2460E-04	-.990595	-22.894	.0000
(Constant)	1.206316	.034139		35.336	.0000

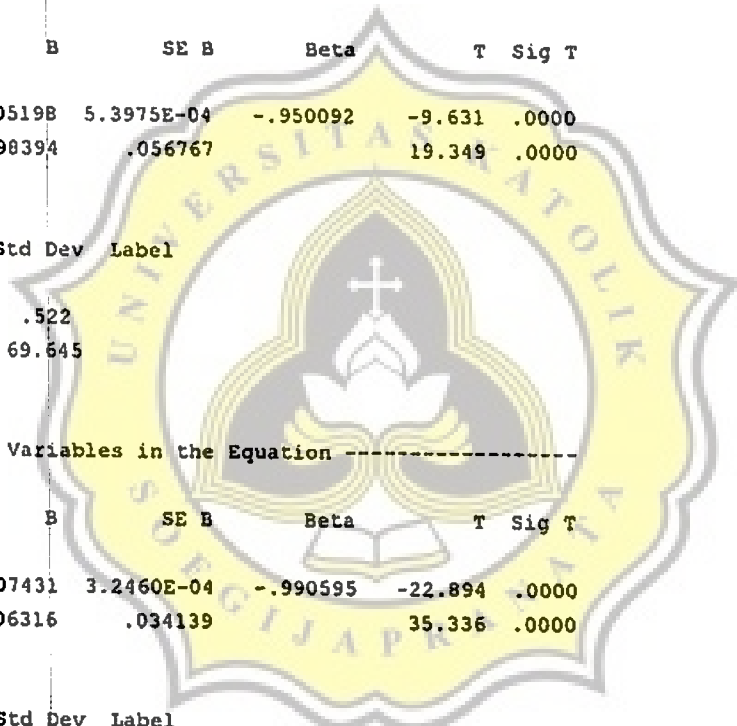
Mean Std Dev Label

D7	.682	.261			
TIME	81.333	69.645			

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003535	3.9382E-04	-.943180	-8.976	.0000
(Constant)	.969565	.041419		23.408	.0000

Mean Std Dev Label



D8 .359 .576
 TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.008151	4.4684E-04	-.985303	-18.241	.0000
(Constant)	1.021638	.046995		21.739	.0000

Mean Std Dev Label

D9 .369 .229
 TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.003226	1.8925E-04	-.983224	-17.046	.0000
(Constant)	.631588	.019904		31.732	.0000

Mean Std Dev Label

D10 .475 .594
 TIME 81.333 69.645

----- Variables in the Equation -----

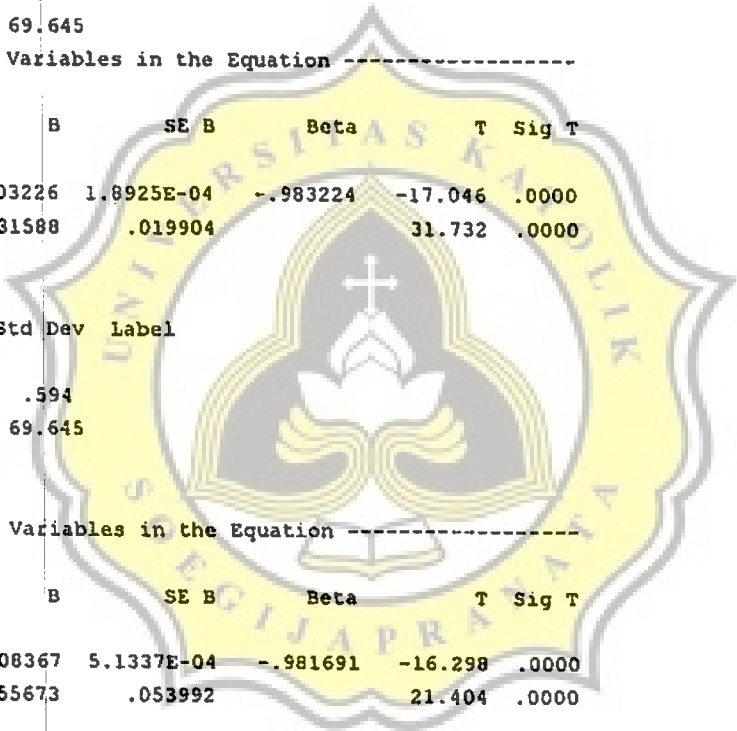
Variable	B	SE B	Beta	T	Sig T
TIME	-.008367	5.1337E-04	-.981691	-16.298	.0000
(Constant)	1.155673	.053992		21.404	.0000

Mean Std Dev Label

E1 .921 .221
 TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002984	3.4470E-04	-.939288	-8.656	.0000
(Constant)	1.163732	.036253		32.100	.0000



Mean Std Dev Label

E2 .590 .537
TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.007618	3.7590E-04	-.988044	-20.266	.0000
(Constant)	1.209834	.039534		30.602	.0000

Mean Std Dev Label

E3 1.290 .186
TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002404	3.7218E-04	-.898144	-6.459	.0001
(Constant)	1.485029	.039143		37.939	.0000

Mean Std Dev Label

E4 .572 .581
TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.008259	3.6948E-04	-.990140	-22.353	.0000
(Constant)	1.243537	.038859		32.001	.0000

Mean Std Dev Label

K55 .553 .567
TIME 81.333 69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.007938	5.7233E-04	-.974980	-13.870	.0000
(Constant)	1.198412	.060194		19.909	.0000

	Mean	Std Dev	Label
E6	.611	.534	
TIME	81.333	69.645	

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.007521	4.7999E-04	-.980234	-15.668	.0000
(Constant)	1.222402	.050482		24.215	.0000

Mean Std Dev Label

E7	.673	.165
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.002336	1.3130E-04	-.984571	-17.793	.0000
(Constant)	.863019	.013809		62.497	.0000

Mean Std Dev Label

EB	.604	.396
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.005609	3.0674E-04	-.985375	-18.287	.0000
(Constant)	1.059817	.032261		32.851	.0000

Mean Std Dev Label

E9	1.164	.125
TIME	81.333	69.645

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
----------	---	------	------	---	-------

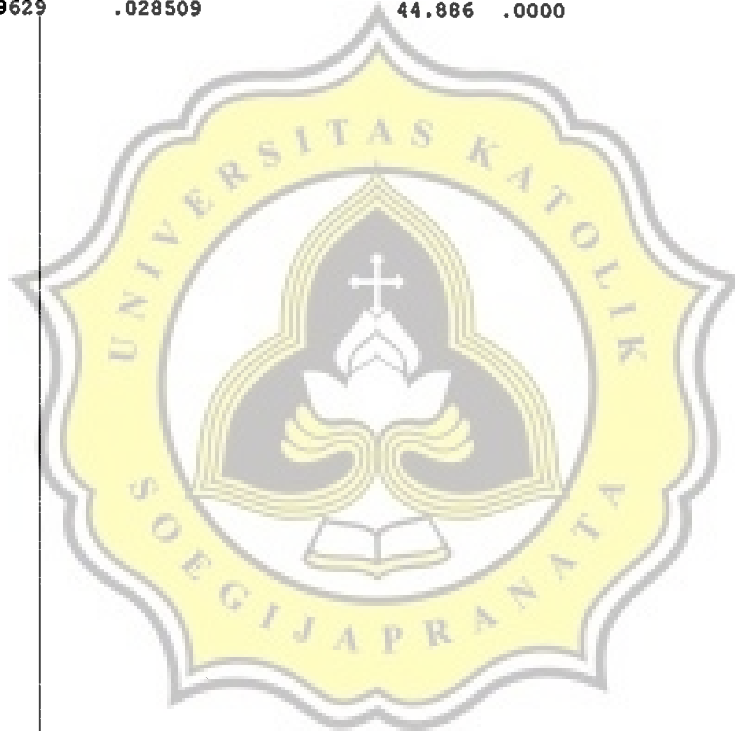
TIME	-.001640	2.3257E-04	-.912410	-7.050	.0000
(Constant)	1.297152	.024460		53.033	.0000

, Mean Std Dev Label

E10	.904	.327			
TIME	81.333	69.645			

----- Variables in the Equation -----

Variable	B	SE B	Beta	T	Sig T
TIME	-.004613	2.7106E-04	-.983170	-17.018	.0000
(Constant)	1.279629	.028509		44.886	.0000



LAMPIRAN 24

ANALISIS ANOVA TIGA ARAH JUMLAH MIKROBA
PADA KERANG *Anadara granosa*

*** ANALYSIS OF VARIANCE ***

by jml_mb
LOKASI
SIZE
TIME

UNIQUE sums of squares
All effects entered simultaneously

Source of Variation	Sum of Squares	DF	Mean Square	F	Sig of F
Main Effects	1,19512E+14	9	1,327910E+13	1,678	,119
LOKASI	240168604900	1	240168604900	,030	,862
SIZE	3,01603E+13	4	7540086520000	,953	,442
TIME	8,91114E+13	4	2,227785E+13	2,814	,035
2-Way Interactions	1,65827E+14	24	6909466466342	,873	,633
LOKASI SIZE	2,89450E+13	4	7236251658400	,914	,463
LOKASI TIME	924837886600	4	231209471650	,029	,998
SIZE TIME	1,35957E+14	16	8497334417000	1,073	,404
3-Way Interactions	1,46687E+14	16	9167953470150	1,158	,333
LOKASI SIZE TIME	1,46687E+14	16	9167953470150	1,158	,333
Explained	4,32026E+14	49	8816864601480	1,114	,353
Residual	3,95799E+14	50	7915977151500		
Total	8,27825E+14	99	8361870939874		

100 cases were processed.
0 cases (.0 pct) were missing.

LAMPIRAN 25

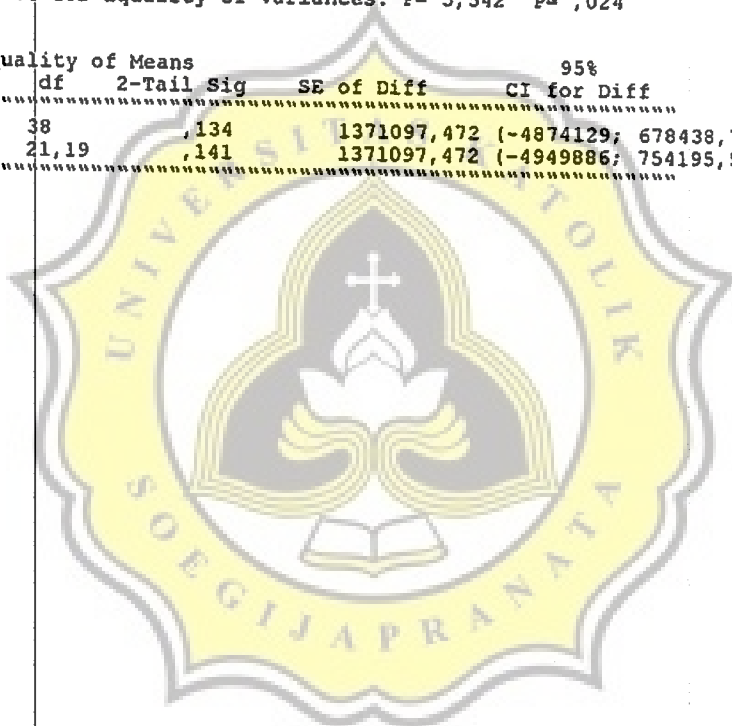
UJI T JUMLAH MIKROBA DENGAN FAKTOR WAKTU PERTUMBUHAN

Variable	Number of Cases	Mean	SD	SE of Mean
jml_mb				
TIME 1,	20	578565,0000	1432485,02	320313,389
TIME 5,	20	2676410,0000	5962059,39	1333157,01

Mean Difference = -2097845,000

Levene's Test for Equality of Variances: F= 5,542 P= ,024

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-1,53	38	,134	1371097,472	(-4874129; 678438,7)
Unequal	-1,53	21,19	,141	1371097,472	(-4949886; 754195,5)



LAMPIRAN 26

HASIL ANALISIS ANOVA SATU ARAH JUMLAH MIKROBA DENGAN FAKTOR UKURAN PADA KERANG *Anadara granosa* DARI LOKASI SEMARANG

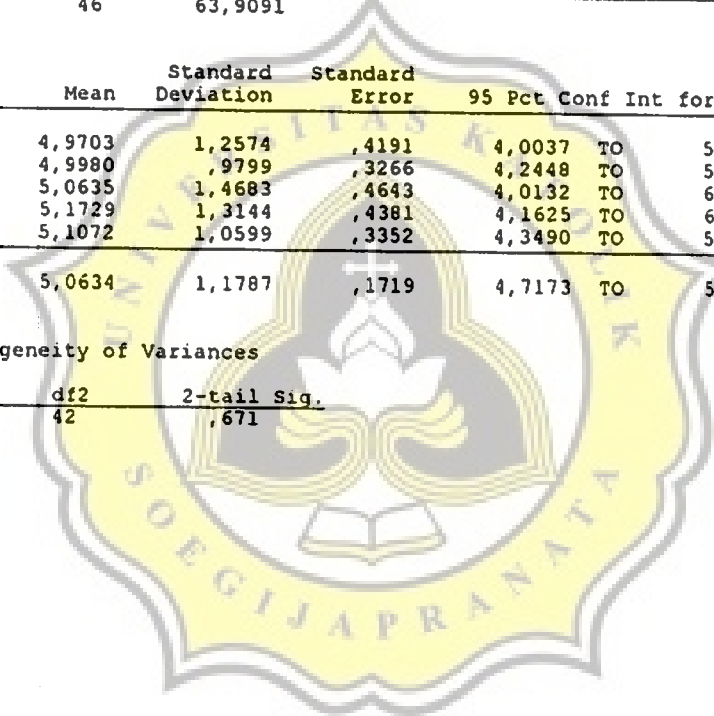
Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	,2435	,0609	,0402	,9968
Within Groups	42	63,6656	1,5158		
Total	46	63,9091			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int	for Mean
Grp 1	9	4,9703	1,2574	,4191	4,0037 TO	5,9368
Grp 2	9	4,9980	,9799	,3266	4,2448 TO	5,7513
Grp 3	10	5,0635	1,4683	,4643	4,0132 TO	6,1139
Grp 4	9	5,1729	1,3144	,4381	4,1625 TO	6,1832
Grp 5	10	5,1072	1,0599	,3352	4,3490 TO	5,8654
Total	47	5,0634	1,1787	,1719	4,7173 TO	5,4094

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
,5911	4	42	,671



LAMPIRAN 27

HASIL ANALISIS ANOVA SATU ARAH JUMLAH MIKROBA DENGAN FAKTOR UKURAN PADA KERANG *Anadara granosa* DARI LOKASI KENDAL

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	14,3611	3,5903	2,4239	,0699
Within Groups	30	44,4357	1,4812		
Total	34	58,7968			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	6	3,8444	1,0745	,4387	2,7168 TO 4,9720
Grp 2	9	4,4211	1,5825	,5275	3,2047 TO 5,6376
Grp 3	6	3,5556	,7783	,3177	2,7388 TO 4,3724
Grp 4	7	5,1603	1,1823	,4469	4,0669 TO 6,2538
Grp 5	7	5,1911	1,0963	,4144	4,1772 TO 6,2050
Total	35	4,4757	1,3150	,2223	4,0240 TO 4,9275

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
1,6508	4	30	,187

Multiple Range Tests: Duncan test with significance level ,05

The difference between two means is significant if
 $MEAN(J) - MEAN(I) \geq ,8606 * RANGE * \sqrt{1/N(I) + 1/N(J)}$
 with the following value(s) for RANGE:

Step	2	3	4	5
RANGE	2,89	3,03	3,13	3,20

(*) Indicates significant differences which are shown in the lower triangle

```

G G G G G
r r r r r
P P P P P
3 1 2 4 5
    
```

Mean	SIZE
3,5556	Grp 3
3,8444	Grp 1
4,4211	Grp 2
5,1603	Grp 4
5,1911	Grp 5

LAMPIRAN 28

HASIL ANALISIS ANOVA SATU ARAH JUMLAH MIKROBA DENGAN FAKTOR WAKTU PERTUMBUHAN PADA KERANG *Anadara granosa* DARI LOKASI SEMARANG

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	14,5709	3,6427	3,1009	,0253
Within Groups	42	49,3382	1,1747		
Total	46	63,9091			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	9	4,6704	1,5116	,5039	3,5084 TO 5,8323
Grp 2	10	5,0598	,7505	,2373	4,5229 TO 5,5966
Grp 3	8	4,2343	1,0326	,3651	3,3710 TO 5,0976
Grp 4	10	5,2219	1,0644	,3366	4,4605 TO 5,9834
Grp 5	10	5,9253	,9619	,3042	5,2372 TO 6,6135
Total	47	5,0634	1,1787	,1719	4,7173 TO 5,4094

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
1,6296	4	42	,185

Multiple Range Tests: Duncan test with significance level ,05

The difference between two means is significant if
 $MEAN(J) - MEAN(I) \geq ,7664 * RANGE * SQRT(1/N(I) + 1/N(J))$
 with the following value(s) for RANGE:

Step	2	3	4	5
RANGE	2,85	3,00	3,10	3,17

(*) Indicates significant differences which are shown in the lower triangle

```

G G G G G
r r r r r
P P P P P
3 1 2 4 5
    
```

Mean	TIME
4,2343	Grp 3
4,6704	Grp 1
5,0598	Grp 2
5,2219	Grp 4
5,9253	Grp 5

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LAMPIRAN 29

HASIL ANALISIS ANOVA SATU ARAH JUMLAH MIKROBA DENGAN FAKTOR WAKTU PERTUMBUHAN PADA KERANG *Anadara granosa* DARI LOKASI KENDAL

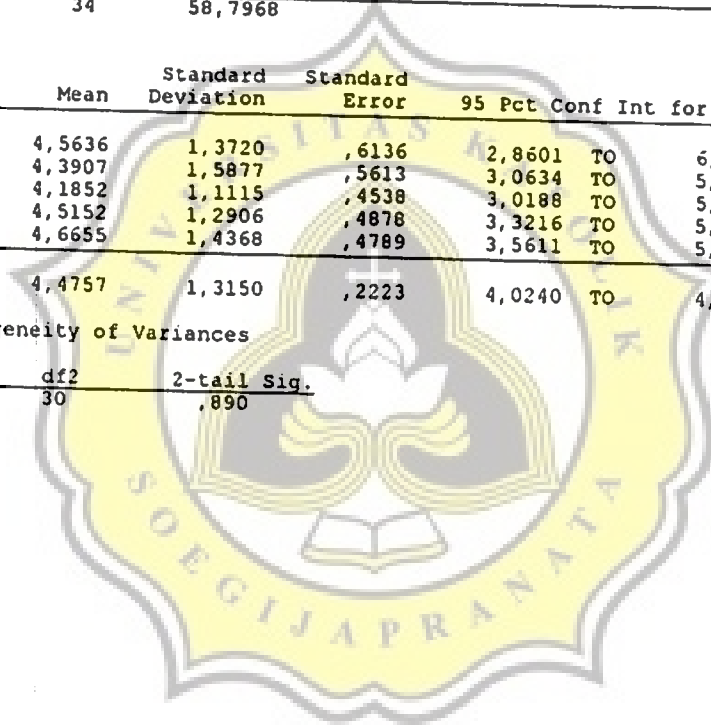
Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	4	,9377	,2344	,1215	,9737
Within Groups	30	57,8591	1,9286		
Total	34	58,7968			

Group	Count	Mean	Standard Deviation	Standard Error	95 Pct Conf Int for Mean
Grp 1	5	4,5636	1,3720	,6136	2,8601 TO 6,2671
Grp 2	8	4,3907	1,5877	,5613	3,0634 TO 5,7181
Grp 3	6	4,1852	1,1115	,4538	3,0188 TO 5,3516
Grp 4	7	4,5152	1,2906	,4878	3,3216 TO 5,7088
Grp 5	9	4,6655	1,4368	,4789	3,5611 TO 5,7699
Total	35	4,4757	1,3150	,2223	4,0240 TO 4,9275

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
,2778	4	30	,890



LAMPIRAN 30.

HASIL PENGUJIAN IDENTIFIKASI BAKTERI YANG TERDAPAT PADA KERANG *Anadara granosa*

Lokasi	Kode	Warna koloni	Pengecatan		Kasein	Indol	Urea	H ₂ S	Katalase	NaCl 15%	Moti- litas	Dugaan genus	
			gram										
			warna	bentuk									
Kendal	I	merah muda	merah	bulat, agak bulat	-	+	-	+	-	-	-		
	II	kuning tua	merah	batang	-	+	-	+	-	-	-	M	Serratia
	III	kuning	merah	agak bulat	-	+	-	+	-	-	-	M	Pseudomonas
	IV	kekuningan	merah	batang	-	+	-	-	-	-	-	M	Pseudomonas
	V	kekuningan	merah	batang	-	+	-	+	-	-	-	M	Enterobacter
	VI	kuning pucat	merah	agak bulat	-	+	-	+	-	-	+	M	Halomonas
	VII	kuning agak oranye	merah	batang, agak bulat	-	+	-	+	-	-	+	M	Halomonas
	VIII	kuning muda	merah	bulat, agak bulat	-	+	-	+	-	-	-	M	Pseudomonas
	IX	kuning tua	merah	agak bulat	-	+	-	+	-	-	-	M/N	Pseudomonas
	X	putih	merah	agak bulat	-	+	-	+	-	-	+	M/N	Pseudomonas
	XI	kuning terang	merah	agak bulat	-	+	-	+	-	-	-	M	Marinomonas
	XII	kuning agak oranye	merah	batang	-	+	-	+	-	-	-	M	Pseudomonas
	XIII	kekuningan	merah	agak bulat	-	+	-	+	-	-	-	M	Pseudomonas
Semarang	I	kekuningan	merah	bulat	-	+	+	+	-	-	-	M	Escherichia
	II	putih	merah	batang pendek	-	+	-	+	-	-	-	M	Halomonas
	III	kuning susu	ungu	batang	-	+	-	+	-	-	+	M	Corynebacterium
	IV	putih	merah	batang	-	+	-	+	-	-	+	M	Marinomonas
	V	transparan	ungu	batang	-	+	-	+	-	-	+	M	Lactobacillus

VI	kuning	merah	bulat	-	+	-	+	-	-	-	M/N	Pseudomonas
VII	merah	merah	batang	-	+	+	+	-	-	+	M	Erythrobacter
VIII	kuning	merah	batang	-	+	-	+	-	-	-	M	Pseudomonas
IX	kuning pucat	merah	batang	-	+	-	+	-	-	+	M	Halomonas
X	kuning terang	merah	tetracoccus	-	+	-	+	-	-	+	N	Pseudomonas
XI	merah muda	merah	batang pendek	-	+	-	+	-	-	-	N	Serratia
XII	kuning	merah	batang	-	+	-	+	-	-	-	M	Pseudomonas
XIII	putih	merah	batang	-	+	-	+	-	-	-	N	Marinomonas
XIV	putih salem	merah	batang	-	+	-	+	-	-	+	M	Halomonas
XV	kuning pucat	merah	batang	-	+	-	+	-	-	+	M/N	Flavobacterium
XVI	kekuningan	merah	agak bulat, bulat	-	+	-	+	-	-	-	M	Pseudomonas
XVII	kuning muda	merah	bulat	-	+	-	+	-	-	-	M	Pseudomonas
XVIII	merah muda	merah	bulat	-	+	-	+	-	-	-	N	Pseudomonas
XIX	salem	ungu	cluster	+	+	-	+	-	-	+	N	Actinomyces
XX	kuning pucat	merah	agak bulat	-	+	-	+	-	-	-	M/N	Flavobacterium
XXI	kuning	merah	batang	-	+	-	+	-	-	-	M	Pseudomonas
XXII	kuning	merah	batang	-	+	+	+	-	-	-	M	Pseudomonas

