Perpustakaan Unika

LAMPIRAN 1. Kadar Air Rumput Laut *Eucheuma cottonii*

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Air	9	100.0%	0	.0%	9	100.0%

Descriptives

			Statistic	Std. Error
AIr	Mean		32.4504	.03467
	95% Confidence Interval for Mean	Lower Bound	32.3704	
		Upper Bound	32.5303	
	5% Trimmed Mean		32.4552	
	Median		32.4800	
	Variance		.011	
	Std. Deviation		.10401	
	Minimum		32.25	
	Maximum		32.56	
	Range		.31	
	Interquartile Range		.18	
	Skewness		-.837	.717
	Kurtosis		-.186	1.400

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
AIr	.168	9	.200*	.911	9	.325

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

LAMPIRAN 2. Kadar Abu Rumput Laut *Eucheuma cottonii*

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Abu	9	100.0%	0	.0%	9	100.0%

Perpustakaan Unika

Descriptives

			Statistic	Std. Error
Abu	Mean		1.1213	.00271
	95% Confidence Interval for Mean	Lower Bound	1.1150	
		Upper Bound	1.1275	
	5% Trimmed Mean		1.1214	
	Median		1.1226	
	Variance		.000	
	Std. Deviation		.00813	
	Minimum		1.11	
	Maximum		1.13	
	Range		.02	
	Interquartile Range		.02	
	Skewness		-.321	.717
	Kurtosis		-1.442	1.400

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Abu	.192	9	.200*	.877	9	.147

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Perpustakaan Unika

LAMPIRAN 3. Kadar Protein Rumput Laut *Eucheuma cottonii*

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Protein	9	100.0%	0	.0%	9	100.0%

Descriptives

			Statistic	Std. Error
Protein	Mean		3.4910	.00313
	95% Confidence Interval for Mean	Lower Bound	3.4838	
		Upper Bound	3.4982	
	5% Trimmed Mean		3.4909	
	Median		3.4900	
	Variance		.000	
	Std. Deviation		.00938	
	Minimum		3.48	
	Maximum		3.50	
	Range		.02	
	Interquartile Range		.02	
	Skewness		.006	.717
	Kurtosis		-1.590	1.400

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Protein	.200	9	.200*	.894	9	.220

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Perpustakaan Unika

LAMPIRAN 4. Kadar Lemak Rumput Laut *Eucheuma cottonii*

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Lemak	9	100.0%	0	.0%	9	100.0%

Descriptives

			Statistic	Std. Error
Lemak	Mean		.3218	.00340
	95% Confidence Interval for Mean	Lower Bound	.3140	
		Upper Bound	.3296	
	5% Trimmed Mean		.3213	
	Median		.3200	
	Variance		.000	
	Std. Deviation		.01020	
	Minimum		.31	
	Maximum		.34	
	Range		.03	
	Interquartile Range		.01	
	Skewness		1.059	.717
	Kurtosis		1.845	1.400

Tests of Normality

	Kolmogorov-Smimov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
lmk4	.204	9	.200*	.947	9	.660

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Perpustakaan Unika

LAMPIRAN 5. Kadar Serat Kasar Rumput Laut *Eucheuma cottonii*

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Serat	9	100.0%	0	.0%	9	100.0%

Descriptives

			Statistic	Std. Error
Serat	Mean		36.0216	.00315
	95% Confidence Interval for Mean	Lower Bound	36.0143	
		Upper Bound	36.0288	
	5% Trimmed Mean		36.0212	
	Median		36.0200	
	Variance		.000	
	Std. Deviation		.00945	
	Minimum		36.01	
	Maximum		36.04	
	Range		.03	
	Interquartile Range		.01	
	Skewness		.745	.717
	Kurtosis		.581	1.400

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
srt2	.179	9	.200*	.958	9	.774

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Perpustakaan Unika

LAMPIRAN 6. Kadar Karbohidrat Rumput Laut *Eucheuma cottonii*

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Karbo	9	100.0%	0	.0%	9	100.0%

Descriptives

			Statistic	Std. Error
Karbo	Mean		62.6317	.04443
	95% Confidence Interval for Mean	Lower Bound	62.5293	
		Upper Bound	62.7342	
	5% Trimmed Mean		62.6250	
	Median		62.6100	
	Variance		.018	
	Std. Deviation		.13330	
	Minimum		62.48	
	Maximum		62.91	
	Range		.43	
	Interquartile Range		.19	
	Skewness		1.007	.717
	Kurtosis		1.210	1.400

LAMPIRAN 7. Viskositas Selai Rumput Laut

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Viskos	54	100.0%	0	.0%	54	100.0%

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
viskos4	.062	54	.200*	.985	54	.722

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Perpustakaan Unika

2. Komposisi

Dependent Variable: Viskos

Komposisi	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
30 : 70	265.833	.935	263.937	267.730
35 : 65	281.111	.935	279.215	283.008
37 : 63	285.278	.935	283.381	287.174

3. Blanching

Dependent Variable: Viskos

Blanching	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Blanching 2x	275.833	.935	273.937	277.730
Blanching 3x	265.000	.935	263.103	266.897
non Blanching	291.389	.935	289.492	293.285

4. Essence

Dependent Variable: Viskos

Essence	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
essence	276.667	.764	275.118	278.215
non essence	278.148	.764	276.600	279.697

5. Blanching * Komposisi

Dependent Variable: Viskos

Blanching	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	30 : 70	266.667	1.620	263.382	269.952
	35 : 65	280.000	1.620	276.715	283.285
	37 : 63	280.833	1.620	277.548	284.118
Blanching 3x	30 : 70	250.000	1.620	246.715	253.285
	35 : 65	270.000	1.620	266.715	273.285
	37 : 63	275.000	1.620	271.715	278.285
non Blanching	30 : 70	280.833	1.620	277.548	284.118
	35 : 65	293.333	1.620	290.048	296.618
	37 : 63	300.000	1.620	296.715	303.285

Perpustakaan Unika

6. Essence * Komposisi

Dependent Variable: Viskos

Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
essence	30 : 70	266.111	1.322	263.429	268.793
	35 : 65	281.111	1.322	278.429	283.793
	37 : 63	282.778	1.322	280.096	285.460
non essence	30 : 70	265.556	1.322	262.873	268.238
	35 : 65	281.111	1.322	278.429	283.793
	37 : 63	287.778	1.322	285.096	290.460

7. Blanching * Essence

Dependent Variable: Viskos

Blanching	Essence	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	essence	275.000	1.322	272.318	277.682
	non essence	276.667	1.322	273.985	279.349
Blanching 3x	essence	265.000	1.322	262.318	267.682
	non essence	265.000	1.322	262.318	267.682
non Blanching	essence	290.000	1.322	287.318	292.682
	non essence	292.778	1.322	290.096	295.460

8. Blanching * Essence * Komposisi

Dependent Variable: Viskos

Blanching	Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Blanching 2x	essence	30 : 70	266.667	2.291	262.021	271.312
		35 : 65	280.000	2.291	275.354	284.646
		37 : 63	278.333	2.291	273.688	282.979
	non essence	30 : 70	266.667	2.291	262.021	271.312
		35 : 65	280.000	2.291	275.354	284.646
		37 : 63	283.333	2.291	278.688	287.979
Blanching 3x	essence	30 : 70	251.667	2.291	247.021	256.312
		35 : 65	270.000	2.291	265.354	274.646
		37 : 63	273.333	2.291	268.688	277.979
	non essence	30 : 70	248.333	2.291	243.688	252.979
		35 : 65	270.000	2.291	265.354	274.646
		37 : 63	276.667	2.291	272.021	281.312
non Blanching	essence	30 : 70	280.000	2.291	275.354	284.646
		35 : 65	293.333	2.291	288.688	297.979
		37 : 63	296.667	2.291	292.021	301.312
	non essence	30 : 70	281.667	2.291	277.021	286.312
		35 : 65	293.333	2.291	288.688	297.979
		37 : 63	303.333	2.291	298.688	307.979

Perpustakaan Unika

Descriptive Statistics

Dependent Variable: Viskos

Komposisi	Blanching	Essence	Mean	Std. Deviation	N
30 : 70	Blanching 2x	essence	266.6667	2.88675	3
		non essence	266.6667	2.88675	3
		Total	266.6667	2.58199	6
	Blanching 3x	essence	251.6667	2.88675	3
		non essence	248.3333	2.88675	3
		Total	250.0000	3.16228	6
	non Blanching	essence	280.0000	.00000	3
		non essence	281.6667	7.63763	3
		Total	280.8333	4.91596	6
	Total	essence	266.1111	12.44432	9
		non essence	265.5556	15.09231	9
		Total	265.8333	13.42189	18
35 : 65	Blanching 2x	essence	280.0000	.00000	3
		non essence	280.0000	.00000	3
		Total	280.0000	.00000	6
	Blanching 3x	essence	270.0000	.00000	3
		non essence	270.0000	.00000	3
		Total	270.0000	.00000	6
	non Blanching	essence	293.3333	5.77350	3
		non essence	293.3333	5.77350	3
		Total	293.3333	5.16398	6
	Total	essence	281.1111	10.54093	9
		non essence	281.1111	10.54093	9
		Total	281.1111	10.22620	18
37 : 63	Blanching 2x	essence	278.3333	2.88675	3
		non essence	283.3333	5.77350	3
		Total	280.8333	4.91596	6
	Blanching 3x	essence	273.3333	2.88675	3
		non essence	276.6667	2.88675	3
		Total	275.0000	3.16228	6
	non Blanching	essence	296.6667	5.77350	3
		non essence	303.3333	5.77350	3
		Total	300.0000	6.32456	6
	Total	essence	282.7778	11.21135	9
		non essence	287.7778	12.77476	9
		Total	285.2778	11.94007	18
Total	Blanching 2x	essence	275.0000	6.61438	9
		non essence	276.6667	8.29156	9
		Total	275.8333	7.32642	18
	Blanching 3x	essence	265.0000	10.30776	9
		non essence	265.0000	12.99038	9
		Total	265.0000	11.37593	18
	non Blanching	essence	290.0000	8.66025	9
		non essence	292.7778	10.92906	9
		Total	291.3889	9.67191	18
	Total	essence	276.6667	13.37334	27
		non essence	278.1481	15.63700	27
		Total	277.4074	14.43073	54

Perpustakaan Unika

Viskos

Duncan[a,b]

Komposisi	N	Subset 1	Subset 2	Subset 3
30 : 70	18	265.8333		
35 : 65	18		281.1111	
37 : 63	18			285.2778
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 15.741.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Viskos

Duncan[a,b]

Blanching	N	Subset 1	Subset 2	Subset 3
Blanching 3x	18	265.0000		
Blanching 2x	18		275.8333	
non Blanching	18			291.3889
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 15.741.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Perpustakaan Unika

LAMPIRAN 8. Kadar Aw Selai Rumput Laut

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Aw	36	66.7%	18	33.3%	54	100.0%

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Aw	.146	36	.052	.933	36	.031

a. Lilliefors Significance Correction

1. Grand Mean

Dependent Variable: Aw

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
.744	.001	.742	.747

2. Komposisi

Dependent Variable: Aw

Komposisi	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
35 : 65	.743	.002	.739	.748
30 : 70	.730	.002	.725	.735
37 : 63	.760	.002	.755	.765

3. Blanching

Dependent Variable: Aw

Blanching	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Blanching 2x	.741	.002	.737	.745
Blanching 3x	.748	.002	.744	.752

4. Essense

Dependent Variable: Aw

Essense	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
essense	.744	.002	.741	.748
no essense	.744	.002	.741	.748

Perpustakaan Unika

5. Blanching * Komposisi

Dependent Variable: Aw

Blanching	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	35 : 65	.738	.003	.732	.745
	30 : 70	.725	.003	.718	.732
	37 : 63	.760	.003	.753	.767
Blanching 3x	35 : 65	.748	.003	.742	.755
	30 : 70	.735	.003	.728	.742
	37 : 63	.760	.003	.753	.767

6. Essense * Komposisi

Dependent Variable: Aw

Essense	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
essense	35 : 65	.745	.003	.738	.752
	30 : 70	.730	.003	.723	.737
	37 : 63	.758	.003	.752	.765
no essense	35 : 65	.742	.003	.735	.748
	30 : 70	.730	.003	.723	.737
	37 : 63	.762	.003	.755	.768

7. Blanching * Essense

Dependent Variable: Aw

Blanching	Essense	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	essense	.741	.003	.736	.747
	no essense	.741	.003	.736	.747
Blanching 3x	essense	.748	.003	.742	.753
	no essense	.748	.003	.742	.753

Perpustakaan Unika

8. Blanching * Essense * Komposisi

Dependent Variable: Aw

Blanching	Essense	Komposisi	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Blanching 2x	essense	35 : 65	.740	.005	.730	.750
		30 : 70	.727	.005	.717	.736
		37 : 63	.757	.005	.747	.766
	no essense	35 : 65	.737	.005	.727	.746
		30 : 70	.723	.005	.714	.733
		37 : 63	.763	.005	.754	.773
Blanching 3x	essense	35 : 65	.750	.005	.740	.760
		30 : 70	.733	.005	.724	.743
		37 : 63	.760	.005	.750	.770
	no essense	35 : 65	.747	.005	.737	.756
		30 : 70	.737	.005	.727	.746
		37 : 63	.760	.005	.750	.770

Aw

Duncan[a,b]

Komposisi	N	Subset		
		1	2	3
30 : 70	12	.7300		
35 : 65	12		.7433	
37 : 63	12			.7600
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Perpustakaan Unika

Descriptive Statistics

Dependent Variable: Aw

Komposisi	Blanching	Essense	Mean	Std. Deviation	N
35 : 65	Blanching 2x	essense	.7400	.01000	3
		no essense	.7367	.00577	3
		Total	.7383	.00753	6
	Blanching 3x	essense	.7500	.01000	3
		no essense	.7467	.00577	3
		Total	.7483	.00753	6
	Total	essense	.7450	.01049	6
		no essense	.7417	.00753	6
		Total	.7433	.00888	12
30 : 70	Blanching 2x	essense	.7267	.00577	3
		no essense	.7233	.00577	3
		Total	.7250	.00548	6
	Blanching 3x	essense	.7333	.00577	3
		no essense	.7367	.00577	3
		Total	.7350	.00548	6
	Total	essense	.7300	.00632	6
		no essense	.7300	.00894	6
		Total	.7300	.00739	12
37 : 63	Blanching 2x	essense	.7567	.00577	3
		no essense	.7633	.01155	3
		Total	.7600	.00894	6
	Blanching 3x	essense	.7600	.01000	3
		no essense	.7600	.01000	3
		Total	.7600	.00894	6
	Total	essense	.7583	.00753	6
		no essense	.7617	.00983	6
		Total	.7600	.00853	12
Total	Blanching 2x	essense	.7411	.01453	9
		no essense	.7411	.01900	9
		Total	.7411	.01641	18
	Blanching 3x	essense	.7478	.01394	9
		no essense	.7478	.01202	9
		Total	.7478	.01263	18
	Total	essense	.7444	.01423	18
		no essense	.7444	.01580	18
		Total	.7444	.01482	36

Perpustakaan Unika

LAMPIRAN 9. Total Padatan Terlarut Selai Rumput Laut

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
TST	54	100.0%	0	.0%	54	100.0%

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
tst3	.095	54	.200*	.979	54	.449

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

1. Grand Mean

Dependent Variable: TST

		95% Confidence Interval	
Mean	Std. Error	Lower Bound	Upper Bound
66.315	.064	66.185	66.445

2. Komposisi

Dependent Variable: TST

			95% Confidence Interval	
Komposisi	Mean	Std. Error	Lower Bound	Upper Bound
30 : 70	65.611	.111	65.386	65.836
35 : 65	66.556	.111	66.330	66.781
37 : 63	66.778	.111	66.552	67.003

3. Blanching

Dependent Variable: TST

			95% Confidence Interval	
Blanching	Mean	Std. Error	Lower Bound	Upper Bound
Blanching 2x	66.222	.111	65.997	66.448
Blanching 3x	66.222	.111	65.997	66.448
non Blanching	66.500	.111	66.275	66.725

4. Essence

Dependent Variable: TST

			95% Confidence Interval	
Essence	Mean	Std. Error	Lower Bound	Upper Bound
essence	66.185	.091	66.001	66.369
non essence	66.444	.091	66.260	66.628

Perpustakaan Unika

5. Blanching * Komposisi

Dependent Variable: TST

Blanching	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	30 : 70	65.500	.192	65.110	65.890
	35 : 65	66.500	.192	66.110	66.890
	37 : 63	66.667	.192	66.276	67.057
Blanching 3x	30 : 70	65.667	.192	65.276	66.057
	35 : 65	66.333	.192	65.943	66.724
	37 : 63	66.667	.192	66.276	67.057
non Blanching	30 : 70	65.667	.192	65.276	66.057
	35 : 65	66.833	.192	66.443	67.224
	37 : 63	67.000	.192	66.610	67.390

6. Essence * Komposisi

Dependent Variable: TST

Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
essence	30 : 70	65.556	.157	65.237	65.874
	35 : 65	66.333	.157	66.015	66.652
	37 : 63	66.667	.157	66.348	66.985
non essence	30 : 70	65.667	.157	65.348	65.985
	35 : 65	66.778	.157	66.459	67.096
	37 : 63	66.889	.157	66.570	67.208

7. Blanching * Essence

Dependent Variable: TST

Blanching	Essence	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	essence	66.222	.157	65.904	66.541
	non essence	66.222	.157	65.904	66.541
Blanching 3x	essence	65.889	.157	65.570	66.208
	non essence	66.556	.157	66.237	66.874
non Blanching	essence	66.444	.157	66.126	66.763
	non essence	66.556	.157	66.237	66.874

Perpustakaan Unika

8. Blanching * Essence * Komposisi

Dependent Variable: TST

Blanching	Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Blanching 2x	essence	30 : 70	65.667	.272	65.115	66.219
		35 : 65	66.333	.272	65.781	66.885
		37 : 63	66.667	.272	66.115	67.219
	non essence	30 : 70	65.333	.272	64.781	65.885
		35 : 65	66.667	.272	66.115	67.219
		37 : 63	66.667	.272	66.115	67.219
Blanching 3x	essence	30 : 70	65.333	.272	64.781	65.885
		35 : 65	66.000	.272	65.448	66.552
		37 : 63	66.333	.272	65.781	66.885
	non essence	30 : 70	66.000	.272	65.448	66.552
		35 : 65	66.667	.272	66.115	67.219
		37 : 63	67.000	.272	66.448	67.552
non Blanching	essence	30 : 70	65.667	.272	65.115	66.219
		35 : 65	66.667	.272	66.115	67.219
		37 : 63	67.000	.272	66.448	67.552
	non essence	30 : 70	65.667	.272	65.115	66.219
		35 : 65	67.000	.272	66.448	67.552
		37 : 63	67.000	.272	66.448	67.552

Perpustakaan Unika

Descriptive Statistics

Dependent Variable: TST

Komposisi	Blanching	Essence	Mean	Std. Deviation	N
30 : 70	Blanching 2x	essence	65.6667	.57735	3
		non essence	65.3333	.57735	3
		Total	65.5000	.54772	6
	Blanching 3x	essence	65.3333	.57735	3
		non essence	66.0000	.00000	3
		Total	65.6667	.51640	6
	non Blanching	essence	65.6667	.57735	3
		non essence	65.6667	.57735	3
		Total	65.6667	.51640	6
	Total	essence	65.5556	.52705	9
		non essence	65.6667	.50000	9
		Total	65.6111	.50163	18
35 : 65	Blanching 2x	essence	66.3333	.57735	3
		non essence	66.6667	.57735	3
		Total	66.5000	.54772	6
	Blanching 3x	essence	66.0000	.00000	3
		non essence	66.6667	.57735	3
		Total	66.3333	.51640	6
	non Blanching	essence	66.6667	.57735	3
		non essence	67.0000	.00000	3
		Total	66.8333	.40825	6
	Total	essence	66.3333	.50000	9
		non essence	66.7778	.44096	9
		Total	66.5556	.51131	18
37 : 63	Blanching 2x	essence	66.6667	.57735	3
		non essence	66.6667	.57735	3
		Total	66.6667	.51640	6
	Blanching 3x	essence	66.3333	.57735	3
		non essence	67.0000	.00000	3
		Total	66.6667	.51640	6
	non Blanching	essence	67.0000	.00000	3
		non essence	67.0000	.00000	3
		Total	67.0000	.00000	6
	Total	essence	66.6667	.50000	9
		non essence	66.8889	.33333	9
		Total	66.7778	.42779	18
Total	Blanching 2x	essence	66.2222	.66667	9
		non essence	66.2222	.83333	9
		Total	66.2222	.73208	18
	Blanching 3x	essence	65.8889	.60093	9
		non essence	66.5556	.52705	9
		Total	66.2222	.64676	18
	non Blanching	essence	66.4444	.72648	9
		non essence	66.5556	.72648	9
		Total	66.5000	.70711	18
	Total	essence	66.1852	.68146	27
		non essence	66.4444	.69798	27
		Total	66.3148	.69565	54

Perpustakaan Unika

TST

Duncan[a,b]

Komposisi	N	Subset 1	Subset 2
30 : 70	18	65.6111	
35 : 65	18		66.5556
37 : 63	18		66.7778
Sig.		1.000	.166

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .222.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

TST

Duncan[a,b]

Blanching	N	Subset 1
Blanching 2x	18	66.2222
Blanching 3x	18	66.2222
non Blanching	18	66.5000
Sig.		.103

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .222.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Perpustakaan Unika

LAMPIRAN 10. Kadar Air Selai Rumput Laut

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Air	54	100.0%	0	.0%	54	100.0%

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
air2	.096	54	.200*	.978	54	.413

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

1. Grand Mean

Dependent Variable: Air

		95% Confidence Interval	
Mean	Std. Error	Lower Bound	Upper Bound
32.400	.001	32.398	32.403

2. Komposisi

Dependent Variable: Air

			95% Confidence Interval	
Komposisi	Mean	Std. Error	Lower Bound	Upper Bound
30 : 70	31.385	.002	31.381	31.390
35 : 65	32.375	.002	32.371	32.380
37 : 63	33.441	.002	33.436	33.445

3. Blanching

Dependent Variable: Air

			95% Confidence Interval	
Blanching	Mean	Std. Error	Lower Bound	Upper Bound
Blanching 2x	32.416	.002	32.411	32.421
Blanching 3x	32.602	.002	32.597	32.606
non Blanching	32.184	.002	32.179	32.189

4. Essence

Dependent Variable: Air

			95% Confidence interval	
Essence	Mean	Std. Error	Lower Bound	Upper Bound
Essence	32.393	.002	32.389	32.397
non Essence	32.408	.002	32.404	32.412

Perpustakaan Unika

5. Blanching * Komposisi

Dependent Variable: Air

Blanching	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	30 : 70	31.403	.004	31.395	31.411
	35 : 65	32.384	.004	32.376	32.393
	37 : 63	33.460	.004	33.452	33.468
Blanching 3x	30 : 70	31.590	.004	31.582	31.598
	35 : 65	32.619	.004	32.611	32.628
	37 : 63	33.595	.004	33.587	33.603
non Blanching	30 : 70	31.163	.004	31.154	31.171
	35 : 65	32.122	.004	32.114	32.130
	37 : 63	33.267	.004	33.259	33.275

6. Essence * Komposisi

Dependent Variable: Air

Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Essence	30 : 70	31.377	.003	31.371	31.384
	35 : 65	32.371	.003	32.364	32.377
	37 : 63	33.431	.003	33.424	33.438
non Essence	30 : 70	31.393	.003	31.387	31.400
	35 : 65	32.380	.003	32.373	32.387
	37 : 63	33.450	.003	33.444	33.457

7. Blanching * Essence

Dependent Variable: Air

Blanching	Essence	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	Essence	32.408	.003	32.401	32.414
	non Essence	32.424	.003	32.417	32.431
Blanching 3x	Essence	32.594	.003	32.587	32.601
	non Essence	32.609	.003	32.603	32.616
non Blanching	Essence	32.177	.003	32.171	32.184
	non Essence	32.190	.003	32.184	32.197

Perpustakaan Unika

8. Blanching * Essence * Komposisi

Dependent Variable: Air

Blanching	Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Blanching 2x	Essence	30 : 70	31.398	.006	31.387	31.410
		35 : 65	32.383	.006	32.372	32.395
		37 : 63	33.442	.006	33.430	33.453
	non Essence	30 : 70	31.408	.006	31.397	31.420
		35 : 65	32.386	.006	32.374	32.397
		37 : 63	33.479	.006	33.467	33.490
Blanching 3x	Essence	30 : 70	31.578	.006	31.566	31.589
		35 : 65	32.613	.006	32.602	32.625
		37 : 63	33.591	.006	33.579	33.602
	non Essence	30 : 70	31.602	.006	31.591	31.614
		35 : 65	32.626	.006	32.614	32.637
		37 : 63	33.600	.006	33.588	33.611
non Blanching	Essence	30 : 70	31.156	.006	31.144	31.167
		35 : 65	32.115	.006	32.104	32.127
		37 : 63	33.261	.006	33.250	33.273
	non Essence	30 : 70	31.169	.006	31.158	31.181
		35 : 65	32.129	.006	32.117	32.141
		37 : 63	33.273	.006	33.261	33.284

Perpustakaan Unika

Descriptive Statistics

Dependent Variable: Air

Komposisi	Blanching	Essence	Mean	Std. Deviation	N
30 : 70	Blanching 2x	Essence	31.3985	.00645	3
		non Essence	31.4082	.00399	3
		Total	31.4033	.00717	6
	Blanching 3x	Essence	31.5778	.02093	3
		non Essence	31.6024	.00763	3
		Total	31.5901	.01950	6
	non Blanching	Essence	31.1555	.00386	3
		non Essence	31.1695	.01043	3
		Total	31.1625	.01038	6
	Total	Essence	31.3773	.18387	9
		non Essence	31.3934	.18791	9
		Total	31.3853	.18054	18
35 : 65	Blanching 2x	Essence	32.3832	.00934	3
		non Essence	32.3856	.01001	3
		Total	32.3844	.00875	6
	Blanching 3x	Essence	32.6133	.00456	3
		non Essence	32.6256	.00799	3
		Total	32.6194	.00888	6
	non Blanching	Essence	32.1154	.00951	3
		non Essence	32.1290	.00711	3
		Total	32.1222	.01055	6
	Total	Essence	32.3707	.21591	9
		non Essence	32.3800	.21520	9
		Total	32.3753	.20918	18
37 : 63	Blanching 2x	Essence	33.4415	.01177	3
		non Essence	33.4786	.01075	3
		Total	33.4601	.02268	6
	Blanching 3x	Essence	33.5905	.00975	3
		non Essence	33.5998	.01090	3
		Total	33.5952	.01054	6
	non Blanching	Essence	33.2612	.01208	3
		non Essence	33.2726	.00676	3
		Total	33.2669	.01078	6
	Total	Essence	33.4311	.14318	9
		non Essence	33.4503	.14349	9
		Total	33.4407	.13941	18
Total	Blanching 2x	Essence	32.4077	.88489	9
		non Essence	32.4241	.89701	9
		Total	32.4159	.86441	18
	Blanching 3x	Essence	32.5939	.87175	9
		non Essence	32.6093	.86502	9
		Total	32.6016	.84250	18
	non Blanching	Essence	32.1774	.91298	9
		non Essence	32.1904	.91188	9
		Total	32.1839	.88521	18
	Total	Essence	32.3930	.87257	27
		non Essence	32.4079	.87417	27
		Total	32.4005	.86512	54

Perpustakaan Unika

Air

Duncan[a,b]

Komposisi	N	Subset 1	Subset 2	Subset 3
30 : 70	18	31.3853		
35 : 65	18		32.3753	
37 : 63	18			33.4407
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Air

Duncan[a,b]

Blanching	N	Subset 1	Subset 2	Subset 3
non Blanching	18	32.1839		
Blanching 2x	18		32.4159	
Blanching 3x	18			32.6016
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Perpustakaan Unika

LAMPIRAN 11. Kadar Abu Selai Rumput Laut

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Abu	54	100.0%	0	.0%	54	100.0%

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
abu3	.066	54	.200*	.980	54	.485

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

1. Grand Mean

Dependent Variable: Abu

		95% Confidence Interval	
Mean	Std. Error	Lower Bound	Upper Bound
1.019	.001	1.017	1.021

2. Komposisi

Dependent Variable: Abu

			95% Confidence Interval	
Komposisi	Mean	Std. Error	Lower Bound	Upper Bound
30 : 70	.878	.002	.874	.882
35 : 65	1.034	.002	1.030	1.037
37 : 63	1.145	.002	1.141	1.149

3. Blanching

Dependent Variable: Abu

			95% Confidence Interval	
Blanching	Mean	Std. Error	Lower Bound	Upper Bound
Blanching 2x	1.005	.002	1.001	1.009
Blanching 3x	1.001	.002	.997	1.005
non Blanching	1.050	.002	1.047	1.054

4. Essence

Dependent Variable: Abu

			95% Confidence Interval	
Essence	Mean	Std. Error	Lower Bound	Upper Bound
Essence	1.017	.002	1.014	1.020
non Essence	1.021	.002	1.018	1.024

Perpustakaan Unika

5. Blanching * Komposisi

Dependent Variable: Abu

Blanching	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	30 : 70	.864	.003	.857	.870
	35 : 65	1.019	.003	1.012	1.026
	37 : 63	1.133	.003	1.127	1.140
Blanching 3x	30 : 70	.855	.003	.848	.861
	35 : 65	1.021	.003	1.015	1.028
	37 : 63	1.126	.003	1.120	1.133
non Blanching	30 : 70	.916	.003	.909	.922
	35 : 65	1.060	.003	1.054	1.067
	37 : 63	1.175	.003	1.168	1.182

6. Essence * Komposisi

Dependent Variable: Abu

Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Essence	30 : 70	.878	.003	.872	.883
	35 : 65	1.030	.003	1.025	1.036
	37 : 63	1.142	.003	1.137	1.148
non Essence	30 : 70	.878	.003	.873	.884
	35 : 65	1.037	.003	1.031	1.042
	37 : 63	1.148	.003	1.142	1.153

7. Blanching * Essence

Dependent Variable: Abu

Blanching	Essence	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	Essence	1.002	.003	.996	1.007
	non Essence	1.009	.003	1.004	1.014
Blanching 3x	Essence	1.001	.003	.995	1.006
	non Essence	1.001	.003	.996	1.006
non Blanching	Essence	1.048	.003	1.042	1.053
	non Essence	1.053	.003	1.048	1.059

Perpustakaan Unika

8. Blanching * Essence * Komposisi

Dependent Variable: Abu

Blanching	Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Blanching 2x	Essence	30 : 70	.863	.005	.853	.872
		35 : 65	1.014	.005	1.004	1.023
		37 : 63	1.129	.005	1.119	1.138
	non Essence	30 : 70	.864	.005	.855	.874
		35 : 65	1.024	.005	1.015	1.034
		37 : 63	1.138	.005	1.129	1.148
Blanching 3x	Essence	30 : 70	.854	.005	.845	.864
		35 : 65	1.023	.005	1.013	1.032
		37 : 63	1.125	.005	1.116	1.135
	non Essence	30 : 70	.855	.005	.846	.865
		35 : 65	1.020	.005	1.011	1.030
		37 : 63	1.128	.005	1.118	1.137
non Blanching	Essence	30 : 70	.916	.005	.907	.925
		35 : 65	1.055	.005	1.046	1.064
		37 : 63	1.172	.005	1.163	1.182
	non Essence	30 : 70	.915	.005	.906	.925
		35 : 65	1.066	.005	1.056	1.075
		37 : 63	1.178	.005	1.168	1.187

Perpustakaan Unika

Descriptive Statistics

Dependent Variable: Abu

Komposisi	Blanching	Essence	Mean	Std. Deviation	N
30 : 70	Blanching 2x	Essence	.8626	.00456	3
		non Essence	.8645	.00351	3
		Total	.8635	.00379	6
	Blanching 3x	Essence	.8544	.00170	3
		non Essence	.8552	.00814	3
		Total	.8548	.00528	6
	non Blanching	Essence	.9160	.00858	3
		non Essence	.9154	.00729	3
		Total	.9157	.00712	6
	Total	Essence	.8777	.02937	9
		non Essence	.8784	.02867	9
		Total	.8780	.02816	18
35 : 65	Blanching 2x	Essence	1.0136	.00412	3
		non Essence	1.0243	.00547	3
		Total	1.0190	.00729	6
	Blanching 3x	Essence	1.0227	.00859	3
		non Essence	1.0202	.02291	3
		Total	1.0214	.01553	6
	non Blanching	Essence	1.0550	.00547	3
		non Essence	1.0659	.00273	3
		Total	1.0605	.00712	6
	Total	Essence	1.0304	.01963	9
		non Essence	1.0368	.02491	9
		Total	1.0336	.02200	18
37 : 63	Blanching 2x	Essence	1.1285	.00524	3
		non Essence	1.1383	.00607	3
		Total	1.1334	.00737	6
	Blanching 3x	Essence	1.1252	.00154	3
		non Essence	1.1276	.00639	3
		Total	1.1264	.00435	6
	non Blanching	Essence	1.1724	.01127	3
		non Essence	1.1778	.00466	3
		Total	1.1751	.00826	6
	Total	Essence	1.1421	.02366	9
		non Essence	1.1479	.02346	9
		Total	1.1450	.02305	18
Total	Blanching 2x	Essence	1.0016	.11560	9
		non Essence	1.0090	.11920	9
		Total	1.0053	.11397	18
	Blanching 3x	Essence	1.0008	.11849	9
		non Essence	1.0010	.11948	9
		Total	1.0009	.11543	18
	non Blanching	Essence	1.0478	.11144	9
		non Essence	1.0531	.11412	9
		Total	1.0504	.10945	18
	Total	Essence	1.0167	.11294	27
		non Essence	1.0210	.11539	27
		Total	1.0189	.11311	54

Perpustakaan Unika

Abu

Duncan[a,b]

Komposisi	N	Subset 1	Subset 2	Subset 3
30 : 70	18	.8780		
35 : 65	18		1.0336	
37 : 63	18			1.1450
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Abu

Duncan[a,b]

Blanching	N	Subset 1	Subset 2
Blanching 3x	18	1.0009	
Blanching 2x	18	1.0053	
non Blanching	18		1.0504
Sig.		.109	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Perpustakaan Unika

LAMPIRAN 12. Kadar Protein Selai Rumput Laut

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Protein	54	100.0%	0	.0%	54	100.0%

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
prot2	.058	54	.200*	.981	54	.547

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

1. Grand Mean

Dependent Variable: Protein

		95% Confidence Interval	
Mean	Std. Error	Lower Bound	Upper Bound
1.221	.001	1.219	1.223

2. Komposisi

Dependent Variable: Protein

			95% Confidence Interval	
Komposisi	Mean	Std. Error	Lower Bound	Upper Bound
30 : 70	1.100	.002	1.097	1.103
35 : 65	1.231	.002	1.228	1.234
37 : 63	1.332	.002	1.329	1.335

3. Blanching

Dependent Variable: Protein

			95% Confidence Interval	
Blanching	Mean	Std. Error	Lower Bound	Upper Bound
Blanching 2x	1.222	.002	1.219	1.225
Blanching 3x	1.173	.002	1.170	1.176
non Blanching	1.268	.002	1.265	1.271

4. Essence

Dependent Variable: Protein

			95% Confidence Interval	
Essence	Mean	Std. Error	Lower Bound	Upper Bound
Essence	1.221	.001	1.218	1.223
non Essence	1.221	.001	1.218	1.224

Perpustakaan Unika

5. Blanching * Komposisi

Dependent Variable: Protein

Blanching	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	30 : 70	1.103	.003	1.097	1.108
	35 : 65	1.221	.003	1.215	1.226
	37 : 63	1.343	.003	1.338	1.348
Blanching 3x	30 : 70	1.033	.003	1.028	1.038
	35 : 65	1.190	.003	1.185	1.196
	37 : 63	1.296	.003	1.290	1.301
non Blanching	30 : 70	1.164	.003	1.159	1.170
	35 : 65	1.281	.003	1.276	1.287
	37 : 63	1.357	.003	1.352	1.363

6. Essence * Komposisi

Dependent Variable: Protein

Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Essence	30 : 70	1.106	.002	1.101	1.110
	35 : 65	1.227	.002	1.222	1.231
	37 : 63	1.330	.002	1.325	1.334
non Essence	30 : 70	1.094	.002	1.090	1.099
	35 : 65	1.234	.002	1.230	1.239
	37 : 63	1.334	.002	1.330	1.339

7. Blanching * Essence

Dependent Variable: Protein

Blanching	Essence	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	Essence	1.223	.002	1.219	1.228
	non Essence	1.221	.002	1.216	1.225
Blanching 3x	Essence	1.175	.002	1.170	1.179
	non Essence	1.171	.002	1.167	1.175
non Blanching	Essence	1.264	.002	1.260	1.269
	non Essence	1.271	.002	1.267	1.276

Perpustakaan Unika

8. Blanching * Essence * Komposisi

Dependent Variable: Protein

Blanching	Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Blanching 2x	Essence	30 : 70	1.114	.004	1.106	1.121
		35 : 65	1.218	.004	1.211	1.226
		37 : 63	1.338	.004	1.330	1.346
	non Essence	30 : 70	1.092	.004	1.084	1.099
		35 : 65	1.223	.004	1.215	1.230
		37 : 63	1.348	.004	1.340	1.355
Blanching 3x	Essence	30 : 70	1.042	.004	1.034	1.049
		35 : 65	1.187	.004	1.180	1.195
		37 : 63	1.296	.004	1.288	1.303
	non Essence	30 : 70	1.024	.004	1.017	1.032
		35 : 65	1.193	.004	1.186	1.201
		37 : 63	1.296	.004	1.288	1.303
non Blanching	Essence	30 : 70	1.162	.004	1.155	1.170
		35 : 65	1.275	.004	1.268	1.283
		37 : 63	1.355	.004	1.348	1.363
	non Essence	30 : 70	1.166	.004	1.159	1.174
		35 : 65	1.287	.004	1.280	1.295
		37 : 63	1.360	.004	1.352	1.367

Perpustakaan Unika

Descriptive Statistics

Dependent Variable: Protein

Komposisi	Blanching	Essence	Mean	Std. Deviation	N
30 : 70	Blanching 2x	Essence	1.1137	.01282	3
		non Essence	1.0919	.01023	3
		Total	1.1028	.01583	6
	Blanching 3x	Essence	1.0417	.00513	3
		non Essence	1.0243	.00496	3
		Total	1.0330	.01055	6
	non Blanching	Essence	1.1623	.00570	3
		non Essence	1.1664	.00570	3
		Total	1.1643	.00557	6
	Total	Essence	1.1059	.05307	9
		non Essence	1.0942	.06189	9
		Total	1.1000	.05625	18
35 : 65	Blanching 2x	Essence	1.2182	.00577	3
		non Essence	1.2228	.00536	3
		Total	1.2205	.00559	6
	Blanching 3x	Essence	1.1873	.00663	3
		non Essence	1.1932	.00367	3
		Total	1.1902	.00579	6
	non Blanching	Essence	1.2751	.00044	3
		non Essence	1.2873	.00443	3
		Total	1.2812	.00722	6
	Total	Essence	1.2269	.03885	9
		non Essence	1.2344	.04184	9
		Total	1.2307	.03936	18
37 : 63	Blanching 2x	Essence	1.3381	.00838	3
		non Essence	1.3478	.00403	3
		Total	1.3430	.00794	6
	Blanching 3x	Essence	1.2956	.00520	3
		non Essence	1.2956	.00692	3
		Total	1.2956	.00547	6
	non Blanching	Essence	1.3551	.00270	3
		non Essence	1.3598	.00823	3
		Total	1.3575	.00604	6
	Total	Essence	1.3296	.02705	9
		non Essence	1.3344	.03013	9
		Total	1.3320	.02789	18
Total	Blanching 2x	Essence	1.2233	.09758	9
		non Essence	1.2208	.11102	9
		Total	1.2221	.10141	18
	Blanching 3x	Essence	1.1748	.11043	9
		non Essence	1.1710	.11874	9
		Total	1.1729	.11125	18
	non Blanching	Essence	1.2642	.08397	9
		non Essence	1.2711	.08479	9
		Total	1.2677	.08194	18
	Total	Essence	1.2208	.10118	27
		non Essence	1.2210	.10990	27
		Total	1.2209	.10463	54

Perpustakaan Unika

Protein

Duncan[a,b]

Komposisi	N	Subset 1	Subset 2	Subset 3
30 : 70	18	1.1000		
35 : 65	18		1.2307	
37 : 63	18			1.3320
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Protein

Duncan[a,b]

Blanching	N	Subset 1	Subset 2	Subset 3
Blanching 3x	18	1.1729		
Blanching 2x	18		1.2221	
non Blanching	18			1.2677
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Perpustakaan Unika

LAMPIRAN 13. Kadar Lemak Selai Rumput Laut

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Lemak	54	100.0%	0	.0%	54	100.0%

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
lmk6	.067	54	.200*	.981	54	.543

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

1. Grand Mean

Dependent Variable: Lemak

		95% Confidence Interval	
Mean	Std. Error	Lower Bound	Upper Bound
.079	.000	.079	.080

2. Komposisi

Dependent Variable: Lemak

			95% Confidence Interval	
Komposisi	Mean	Std. Error	Lower Bound	Upper Bound
30 : 70	.073	.000	.072	.074
35 : 65	.079	.000	.078	.080
37 : 63	.086	.000	.086	.087

3. Blanching

Dependent Variable: Lemak

			95% Confidence Interval	
Blanching	Mean	Std. Error	Lower Bound	Upper Bound
Blanching 2x	.079	.000	.078	.080
Blanching 3x	.073	.000	.072	.074
non Blanching	.086	.000	.085	.087

4. Essence

Dependent Variable: Lemak

			95% Confidence Interval	
Essence	Mean	Std. Error	Lower Bound	Upper Bound
Essence	.080	.000	.079	.081
non Essence	.079	.000	.078	.079

Perpustakaan Unika

5. Blanching * Komposisi

Dependent Variable: Lemak

Blanching	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	30 : 70	.075	.001	.074	.076
	35 : 65	.076	.001	.075	.078
	37 : 63	.086	.001	.085	.088
Blanching 3x	30 : 70	.068	.001	.067	.070
	35 : 65	.074	.001	.073	.076
	37 : 63	.077	.001	.075	.078
non Blanching	30 : 70	.075	.001	.074	.077
	35 : 65	.086	.001	.085	.088
	37 : 63	.096	.001	.095	.097

6. Essence * Komposisi

Dependent Variable: Lemak

Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Essence	30 : 70	.075	.001	.073	.076
	35 : 65	.079	.001	.078	.080
	37 : 63	.087	.001	.086	.088
non Essence	30 : 70	.071	.001	.070	.072
	35 : 65	.079	.001	.078	.080
	37 : 63	.086	.001	.085	.087

7. Blanching * Essence

Dependent Variable: Lemak

Blanching	Essence	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	Essence	.079	.001	.078	.081
	non Essence	.079	.001	.078	.080
Blanching 3x	Essence	.074	.001	.073	.075
	non Essence	.072	.001	.071	.073
non Blanching	Essence	.086	.001	.085	.088
	non Essence	.085	.001	.084	.087

Perpustakaan Unika

8. Blanching * Essence * Komposisi

Dependent Variable: Lemak

Blanching	Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Blanching 2x	Essence	30 : 70	.075	.001	.073	.077
		35 : 65	.076	.001	.074	.078
		37 : 63	.087	.001	.085	.089
	non Essence	30 : 70	.074	.001	.072	.076
		35 : 65	.076	.001	.074	.078
		37 : 63	.086	.001	.084	.088
Blanching 3x	Essence	30 : 70	.073	.001	.071	.075
		35 : 65	.074	.001	.072	.076
		37 : 63	.076	.001	.074	.078
	non Essence	30 : 70	.064	.001	.062	.066
		35 : 65	.075	.001	.073	.077
		37 : 63	.077	.001	.075	.079
non Blanching	Essence	30 : 70	.075	.001	.073	.077
		35 : 65	.086	.001	.084	.088
		37 : 63	.098	.001	.096	.100
	non Essence	30 : 70	.075	.001	.073	.077
		35 : 65	.086	.001	.084	.088
		37 : 63	.094	.001	.092	.096

Perpustakaan Unika

Descriptive Statistics

Dependent Variable: Lemak

Komposisi	Blanching	Essence	Mean	Std. Deviation	N
30 : 70	Blanching 2x	Essence	.07537	.000338	3
		non Essence	.07448	.000862	3
		Total	.07493	.000765	6
	Blanching 3x	Essence	.07313	.001117	3
		non Essence	.06384	.001319	3
		Total	.06848	.005205	6
	non Blanching	Essence	.07543	.000496	3
		non Essence	.07535	.000344	3
		Total	.07539	.000384	6
	Total	Essence	.07464	.001303	9
		non Essence	.07122	.005610	9
		Total	.07293	.004325	18
35 : 65	Blanching 2x	Essence	.07635	.000255	3
		non Essence	.07629	.000209	3
		Total	.07632	.000211	6
	Blanching 3x	Essence	.07382	.002969	3
		non Essence	.07471	.002640	3
		Total	.07426	.002559	6
	non Blanching	Essence	.08618	.000661	3
		non Essence	.08634	.000306	3
		Total	.08626	.000469	6
	Total	Essence	.07879	.005858	9
		non Essence	.07911	.005626	9
		Total	.07895	.005574	18
37 : 63	Blanching 2x	Essence	.08656	.001225	3
		non Essence	.08641	.001253	3
		Total	.08648	.001111	6
	Blanching 3x	Essence	.07591	.000683	3
		non Essence	.07723	.000325	3
		Total	.07657	.000869	6
	non Blanching	Essence	.09753	.000942	3
		non Essence	.09447	.005178	3
		Total	.09600	.003728	6
	Total	Essence	.08667	.009402	9
		non Essence	.08604	.007931	9
		Total	.08635	.008444	18
Total	Blanching 2x	Essence	.07943	.005403	9
		non Essence	.07906	.005621	9
		Total	.07924	.005352	18
	Blanching 3x	Essence	.07429	.002050	9
		non Essence	.07192	.006341	9
		Total	.07311	.004730	18
	non Blanching	Essence	.08638	.009592	9
		non Essence	.08539	.008707	9
		Total	.08588	.008901	18
	Total	Essence	.08003	.008006	27
		non Essence	.07879	.008765	27
		Total	.07941	.008338	54

Perpustakaan Unika

Lemak

Duncan[a,b]

Komposisi	N	Subset 1	Subset 2	Subset 3
30 : 70	18	.07293		
35 : 65	18		.07895	
37 : 63	18			.08635
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Lemak

Duncan[a,b]

Blanching	N	Subset 1	Subset 2	Subset 3
Blanching 3x	18	.07311		
Blanching 2x	18		.07924	
non Blanching	18			.08588
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Perpustakaan Unika

LAMPIRAN 14. Kadar Serat Kasar Selai Rumput Laut

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Serat	54	100.0%	0	.0%	54	100.0%

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
srt5	.063	54	.200*	.981	54	.559

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

1. Grand Mean

Dependent Variable: Serat

		95% Confidence Interval	
Mean	Std. Error	Lower Bound	Upper Bound
34.778	.002	34.774	34.782

2. Komposisi

Dependent Variable: Serat

			95% Confidence Interval	
Komposisi	Mean	Std. Error	Lower Bound	Upper Bound
30 : 70	33.251	.003	33.244	33.258
35 : 65	35.061	.003	35.055	35.068
37 : 63	36.021	.003	36.015	36.028

3. Blanching

Dependent Variable: Serat

			95% Confidence Interval	
Blanching	Mean	Std. Error	Lower Bound	Upper Bound
Blanching 2x	34.779	.003	34.772	34.786
Blanching 3x	34.737	.003	34.730	34.743
non Blanching	34.818	.003	34.811	34.825

4. Essence

Dependent Variable: Serat

			95% Confidence Interval	
Essence	Mean	Std. Error	Lower Bound	Upper Bound
Essence	34.776	.003	34.771	34.782
non Essence	34.780	.003	34.774	34.785

Perpustakaan Unika

5. Blanching * Komposisi

Dependent Variable: Serat

Blanching	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	30 : 70	33.255	.006	33.243	33.266
	35 : 65	35.061	.006	35.049	35.072
	37 : 63	36.021	.006	36.009	36.033
Blanching 3x	30 : 70	33.239	.006	33.227	33.251
	35 : 65	34.995	.006	34.983	35.007
	37 : 63	35.976	.006	35.964	35.988
non Blanching	30 : 70	33.259	.006	33.247	33.271
	35 : 65	35.129	.006	35.117	35.140
	37 : 63	36.067	.006	36.055	36.079

6. Essence * Komposisi

Dependent Variable: Serat

Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Essence	30 : 70	33.249	.005	33.240	33.259
	35 : 65	35.060	.005	35.050	35.069
	37 : 63	36.019	.005	36.010	36.029
non Essence	30 : 70	33.253	.005	33.243	33.262
	35 : 65	35.063	.005	35.054	35.073
	37 : 63	36.023	.005	36.014	36.033

7. Blanching * Essence

Dependent Variable: Serat

Blanching	Essence	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	Essence	34.779	.005	34.769	34.788
	non Essence	34.779	.005	34.770	34.789
Blanching 3x	Essence	34.734	.005	34.724	34.743
	non Essence	34.740	.005	34.730	34.749
non Blanching	Essence	34.816	.005	34.806	34.825
	non Essence	34.821	.005	34.811	34.830

Perpustakaan Unika

8. Blanching * Essence * Komposisi

Dependent Variable: Serat

Blanching	Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Blanching 2x	Essence	30 : 70	33.253	.008	33.236	33.269
		35 : 65	35.063	.008	35.047	35.080
		37 : 63	36.020	.008	36.004	36.037
	non Essence	30 : 70	33.256	.008	33.240	33.273
		35 : 65	35.059	.008	35.042	35.075
		37 : 63	36.022	.008	36.006	36.039
Blanching 3x	Essence	30 : 70	33.238	.008	33.221	33.254
		35 : 65	34.988	.008	34.972	35.005
		37 : 63	35.975	.008	35.958	35.991
	non Essence	30 : 70	33.240	.008	33.224	33.257
		35 : 65	35.002	.008	34.985	35.018
		37 : 63	35.977	.008	35.961	35.994
non Blanching	Essence	30 : 70	33.257	.008	33.241	33.274
		35 : 65	35.128	.008	35.111	35.144
		37 : 63	36.063	.008	36.046	36.079
	non Essence	30 : 70	33.261	.008	33.244	33.277
		35 : 65	35.130	.008	35.113	35.146
		37 : 63	36.071	.008	36.055	36.088

Perpustakaan Unika

Descriptive Statistics

Dependent Variable: Serat

Komposisi	Blanching	Essence	Mean	Std. Deviation	N
30 : 70	Blanching 2x	Essence	33.2528	.00593	3
		non Essence	33.2563	.00187	3
		Total	33.2545	.00439	6
	Blanching 3x	Essence	33.2379	.00622	3
		non Essence	33.2404	.01274	3
		Total	33.2392	.00908	6
	non Blanching	Essence	33.2574	.00299	3
		non Essence	33.2609	.00738	3
		Total	33.2591	.00539	6
	Total	Essence	33.2493	.00993	9
		non Essence	33.2525	.01188	9
		Total	33.2509	.01075	18
35 : 65	Blanching 2x	Essence	35.0630	.00851	3
		non Essence	35.0586	.00780	3
		Total	35.0608	.00769	6
	Blanching 3x	Essence	34.9882	.02395	3
		non Essence	35.0019	.00564	3
		Total	34.9950	.01727	6
	non Blanching	Essence	35.1277	.01261	3
		non Essence	35.1295	.00972	3
		Total	35.1286	.01012	6
	Total	Essence	35.0596	.06212	9
		non Essence	35.0633	.05583	9
		Total	35.0615	.05732	18
37 : 63	Blanching 2x	Essence	36.0201	.01152	3
		non Essence	36.0222	.00742	3
		Total	36.0211	.00874	6
	Blanching 3x	Essence	35.9747	.03205	3
		non Essence	35.9771	.02896	3
		Total	35.9759	.02735	6
	non Blanching	Essence	36.0627	.00557	3
		non Essence	36.0712	.01395	3
		Total	36.0670	.01056	6
	Total	Essence	36.0192	.04183	9
		non Essence	36.0235	.04395	9
		Total	36.0213	.04168	18
Total	Blanching 2x	Essence	34.7786	1.21715	9
		non Essence	34.7790	1.21588	9
		Total	34.7788	1.18020	18
	Blanching 3x	Essence	34.7336	1.20055	9
		non Essence	34.7398	1.20131	9
		Total	34.7367	1.16508	18
	non Blanching	Essence	34.8159	1.23708	9
		non Essence	34.8205	1.23881	9
		Total	34.8182	1.20098	18
	Total	Essence	34.7761	1.17106	27
		non Essence	34.7798	1.17143	27
		Total	34.7779	1.16014	54

Perpustakaan Unika

Serat

Duncan[a,b]

Komposisi	N	Subset 1	Subset 2	Subset 3
30 : 70	18	33.2509		
35 : 65	18		35.0615	
37 : 63	18			36.0213
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Serat

Duncan[a,b]

Blanching	N	Subset 1	Subset 2	Subset 3
Blanching 3x	18	34.7367		
Blanching 2x	18		34.7788	
non Blanching	18			34.8182
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Perpustakaan Unika

LAMPIRAN 15. Kadar Karbohidrat Selai Rumput Laut

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
KH	54	100.0%	0	.0%	54	100.0%

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KH3	.085	54	.200*	.981	54	.526

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

1. Grand Mean

Dependent Variable: KH

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
65.281	.002	65.277	65.286

2. Komposisi

Dependent Variable: KH

Komposisi	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
30 : 70	66.567	.004	66.559	66.574
35 : 65	65.282	.004	65.274	65.289
37 : 63	63.996	.004	63.989	64.003

3. Blanching

Dependent Variable: KH

Blanching	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Blanching 2x	65.280	.004	65.272	65.287
Blanching 3x	65.153	.004	65.145	65.160
non Blanching	65.412	.004	65.405	65.420

4. Essence

Dependent Variable: KH

Essence	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Essence	65.292	.003	65.286	65.298
non Essence	65.271	.003	65.265	65.277

Perpustakaan Unika

5. Blanching * Komposisi

Dependent Variable: KH

Blanching	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	30 : 70	66.564	.006	66.551	66.577
	35 : 65	65.297	.006	65.285	65.310
	37 : 63	63.977	.006	63.964	63.990
Blanching 3x	30 : 70	66.454	.006	66.441	66.466
	35 : 65	65.096	.006	65.083	65.109
	37 : 63	63.908	.006	63.895	63.921
non Blanching	30 : 70	66.682	.006	66.669	66.695
	35 : 65	65.452	.006	65.439	65.464
	37 : 63	64.103	.006	64.090	64.116

6. Essence * Komposisi

Dependent Variable: KH

Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Essence	30 : 70	66.569	.005	66.559	66.580
	35 : 65	65.295	.005	65.285	65.306
	37 : 63	64.011	.005	64.000	64.021
non Essence	30 : 70	66.564	.005	66.553	66.574
	35 : 65	65.268	.005	65.258	65.279
	37 : 63	63.981	.005	63.971	63.992

7. Blanching * Essence

Dependent Variable: KH

Blanching	Essence	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Blanching 2x	Essence	65.293	.005	65.282	65.303
	non Essence	65.266	.005	65.256	65.277
Blanching 3x	Essence	65.158	.005	65.148	65.169
	non Essence	65.147	.005	65.136	65.157
non Blanching	Essence	65.424	.005	65.414	65.435
	non Essence	65.400	.005	65.390	65.411

Perpustakaan Unika

8. Blanching * Essence * Komposisi

Dependent Variable: KH

Blanching	Essence	Komposisi	Mean	Std. Error	95% Confidence Interval	
					Lower Bound	Upper Bound
Blanching 2x	Essence	30 : 70	66.564	.009	66.546	66.582
		35 : 65	65.309	.009	65.290	65.327
		37 : 63	64.005	.009	63.987	64.023
	non Essence	30 : 70	66.564	.009	66.546	66.582
		35 : 65	65.286	.009	65.268	65.304
		37 : 63	63.949	.009	63.931	63.967
Blanching 3x	Essence	30 : 70	66.453	.009	66.435	66.471
		35 : 65	65.106	.009	65.088	65.124
		37 : 63	63.916	.009	63.898	63.934
	non Essence	30 : 70	66.454	.009	66.436	66.472
		35 : 65	65.086	.009	65.068	65.105
		37 : 63	63.900	.009	63.882	63.918
non Blanching	Essence	30 : 70	66.691	.009	66.673	66.709
		35 : 65	65.472	.009	65.453	65.490
		37 : 63	64.110	.009	64.092	64.129
	non Essence	30 : 70	66.673	.009	66.655	66.692
		35 : 65	65.432	.009	65.413	65.450
		37 : 63	64.095	.009	64.077	64.113

Perpustakaan Unika

Descriptive Statistics

Dependent Variable: KH

Komposisi	Blanching	Essence	Mean	Std. Deviation	N
30 : 70	Blanching 2x	Essence	66.56424	.010036	3
		non Essence	66.56432	.016889	3
		Total	66.56428	.012425	6
	Blanching 3x	Essence	66.45296	.020464	3
		non Essence	66.45428	.019899	3
		Total	66.45362	.018067	6
	non Blanching	Essence	66.69079	.010657	3
		non Essence	66.67335	.017524	3
		Total	66.68207	.016109	6
	Total	Essence	66.56933	.103816	9
		non Essence	66.56398	.096153	9
		Total	66.56666	.097110	18
35 : 65	Blanching 2x	Essence	65.30860	.013986	3
		non Essence	65.28631	.011797	3
		Total	65.29745	.016821	6
	Blanching 3x	Essence	65.10626	.005801	3
		non Essence	65.08639	.026968	3
		Total	65.09632	.020563	6
	non Blanching	Essence	65.47157	.014393	3
		non Essence	65.43152	.007031	3
		Total	65.45155	.024164	6
	Total	Essence	65.29548	.158836	9
		non Essence	65.26807	.150833	9
		Total	65.28177	.150922	18
37 : 63	Blanching 2x	Essence	64.00531	.002781	3
		non Essence	63.94885	.007614	3
		Total	63.97708	.031343	6
	Blanching 3x	Essence	63.91608	.011662	3
		non Essence	63.89982	.009081	3
		Total	63.90795	.012911	6
	non Blanching	Essence	64.11042	.027930	3
		non Essence	64.09529	.017363	3
		Total	64.10286	.022390	6
	Total	Essence	64.01060	.085608	9
		non Essence	63.98132	.088700	9
		Total	63.99596	.085897	18
Total	Blanching 2x	Essence	65.29271	1.108149	9
		non Essence	65.26649	1.132679	9
		Total	65.27960	1.087110	18
	Blanching 3x	Essence	65.15843	1.099267	9
		non Essence	65.14683	1.107178	9
		Total	65.15263	1.070307	18
	non Blanching	Essence	65.42426	1.118016	9
		non Essence	65.40005	1.116654	9
		Total	65.41216	1.084046	18
	Total	Essence	65.29180	1.070743	27
		non Essence	65.27112	1.080146	27
		Total	65.28146	1.065312	54

Perpustakaan Unika

KH

Duncan[a,b]

Komposisi	N	Subset 1	Subset 2	Subset 3
37 : 63	18	63.99596		
35 : 65	18		65.28177	
30 : 70	18			66.56666
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

KH

Duncan[a,b]

Blanching	N	Subset 1	Subset 2	Subset 3
Blanching 3x	18	65.15263		
Blanching 2x	18		65.27960	
non Blanching	18			65.41216
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

Perpustakaan Unika

KUISIONER UJI ORGANOLEPTIK SELAI RUMPUT LAUT

Nama :

Umur :

Jenis kelamin :

Waktu pelaksanaan :

Dihadapan Saudara tersedia **6 buah sampel Selai Rumput Laut** dengan formulasi yang berbeda. Saudara diminta untuk memberikan penilaian terhadap rasa, tekstur, warna dan kesukaan secara keseluruhan terhadap 6 buah sampel tersebut. Penilaian diberikan dengan menuliskan angka pada kolom yang telah disediakan dengan kriteria rangking penilaian sebagai berikut:

Skor	Keterangan
1	Tidak suka
2	Cukup suka
3	Suka
4	Sangat suka
5	Sangat suka sekali

Kode	Warna	Aroma	Tekstur	Rasa	Overall
145					
651					
425					
432					
636					
443					

Terima kasih