8. LAMPIRAN

Lampiran 1. Hasil Analisa SPSS

- **Uji Normalitas**

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
kadar_air	.143	12	.200*	.943	12	.541
lemak	.152	12	.200*	.928	12	.356
serat	.195	12	.200*	.910	12	.211
protein	.186	12	.200*	.928	12	.362
total_gula	.138	12	.200*	.961	12	.794

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

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
spread factor setelah pemanggangan	.174	20	.115	.932	20	.165
hardness	.184	20	.075	.906	20	.054
L	.205	20	.027	.909	20	.061
a	.132	20	.200*	.959	20	.529
b	.079	20	.200*	.963	20	.606

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

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
volume_pengembangan	.277	12	.012	.865	12	.057
adhesiveness adonan	.170	12	.200*	.891	12	.120

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

a. Lilliefors Significance Correction

- **Uji Homogenitas**

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
kadar_air	Based on Mean	1.734	3	8	.237
	Based on Median	.182	3	8	.906
	Based on Median and with adjusted df	.182	3	5.372	.905
	Based on trimmed mean	1.468	3	8	.295
lemak	Based on Mean	2.069	3	8	.183
	Based on Median	.662	3	8	.598
	Based on Median and with adjusted df	.662	3	5.095	.609
	Based on trimmed mean	1.934	3	8	.203
serat	Based on Mean	.615	3	8	.624
	Based on Median	.197	3	8	.896
	Based on Median and with adjusted df	.197	3	5.600	.895
	Based on trimmed mean	.578	3	8	.646
protein	Based on Mean	.352	3	8	.789
	Based on Median	.242	3	8	.865
	Based on Median and with adjusted df	.242	3	7.983	.865
	Based on trimmed mean	.348	3	8	.792
total_gula	Based on Mean	.878	3	8	.492
	Based on Median	.125	3	8	.943
	Based on Median and with adjusted df	.125	3	4.910	.941
	Based on trimmed mean	.776	3	8	.539

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
spread factor setelah pemanggangan	Based on Mean	3.157	3	16	.054
	Based on Median	2.335	3	16	.113
	Based on Median and with adjusted df	2.335	3	7.291	.157
	Based on trimmed mean	3.016	3	16	.061
hardness	Based on Mean	.550	3	16	.656
	Based on Median	.460	3	16	.714
	Based on Median and with adjusted df	.460	3	14.194	.715
	Based on trimmed mean	.557	3	16	.651
L	Based on Mean	1.899	3	16	.171
	Based on Median	.347	3	16	.792
	Based on Median and with adjusted df	.347	3	11.841	.792
	Based on trimmed mean	1.875	3	16	.175
a	Based on Mean	.560	3	16	.649
	Based on Median	.161	3	16	.921
	Based on Median and with adjusted df	.161	3	13.813	.921
	Based on trimmed mean	.521	3	16	.674
b	Based on Mean	1.672	3	16	.213
	Based on Median	1.325	3	16	.301
	Based on Median and with adjusted df	1.325	3	13.382	.307
	Based on trimmed mean	1.695	3	16	.208

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
volume_pengembangan	Based on Mean	1.412	3	8	.309
	Based on Median	.245	3	8	.863
	Based on Median and with adjusted df	.245	3	4.422	.862
	Based on trimmed mean	1.268	3	8	.349
adhesiveness adonan	Based on Mean	1.434	3	8	.303
	Based on Median	.317	3	8	.813
	Based on Median and with adjusted df	.317	3	5.304	.814
	Based on trimmed mean	1.307	3	8	.337

- **Uji *One-Way ANOVA***

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
kadar_air	Between Groups	6.758	3	2.253	15.971	.001
	Within Groups	1.128	8	.141		
	Total	7.887	11			
lemak	Between Groups	70.709	3	23.570	181.306	.000
	Within Groups	1.040	8	.130		
	Total	71.749	11			
serat	Between Groups	46.572	3	15.524	62.846	.000
	Within Groups	1.976	8	.247		
	Total	48.548	11			
protein	Between Groups	2.288	3	.763	49.305	.000
	Within Groups	.124	8	.015		
	Total	2.411	11			
total_gula	Between Groups	.338	3	.113	.310	.818
	Within Groups	2.909	8	.364		
	Total	3.247	11			

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
spread factor setelah pemanggangan	Between Groups	.009	3	.003	4.080	.025
	Within Groups	.012	16	.001		
	Total	.021	19			
hardness	Between Groups	1502647.926	3	500882.642	183.755	.000
	Within Groups	43613.084	16	2725.818		
	Total	1546261.010	19			
L	Between Groups	152.559	3	50.853	149.753	.000
	Within Groups	5.433	16	.340		
	Total	157.992	19			
a	Between Groups	1.253	3	.418	1.392	.282
	Within Groups	4.803	16	.300		
	Total	6.056	19			
b	Between Groups	6.984	3	2.328	11.257	.000
	Within Groups	3.309	16	.207		
	Total	10.293	19			

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
volume_pengembangan	Between Groups	19198.000	3	6399.333	74.992	.000
	Within Groups	682.667	8	85.333		
	Total	19880.667	11			
adhesiveness adonan	Between Groups	.000	3	.000	53.986	.000
	Within Groups	.000	8	.000		
	Total	.000	11			

- **Uji Duncan**

kadar_air

Duncan[a]

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
0%	3	5.48667		
10%	3		6.47200	
5%	3		6.72633	
15%	3			7.59233
Sig.		1.000	.431	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

lemak

Duncan[a]

perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
15%	3	15.633			
10%	3		18.633		
5%	3			19.767	
0%	3				22.400
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

serat

Duncan[a]

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
0%	3	2.22100		
5%	3	3.10267		
10%	3		5.63567	
15%	3			7.16300
Sig.		.062	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

protein

Duncan[a]

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
15%	3	5.1367		
10%	3		5.6033	
5%	3		5.7200	
0%	3			6.3600
Sig.		1.000	.284	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

total_gula

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
10%	3	25.15661
5%	3	25.19109
15%	3	25.23276
0%	3	25.57615
Sig.		.445

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

spread factor setelah pemanggangan

Duncan[a]

konsentrasi	N	Subset for alpha = 0.05	
		1	2
15%	5	2.05740	
10%	5	2.07080	
5%	5	2.09560	2.09560
0%	5		2.11280
Sig.		.052	.337

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

hardness

Duncan[a]

konsentrasi	N	Subset for alpha = 0.05			
		1	2	3	4
0%	5	4290.40			
5%	5		4721.52		
10%	5			4814.18	
15%	5				5047.28
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

L

Duncan[a]

konsentrasi	N	Subset for alpha = 0.05			
		1	2	3	4
15%	5	53.7000			
10%	5		54.9500		
5%	5			58.1220	
0%	5				60.7700
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

a

Duncan[a]

konsentrasi	N	Subset for alpha = 0.05
		1
0%	5	13.7960
10%	5	13.8220
5%	5	14.1020
15%	5	14.4140
Sig.		.119

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

b

Duncan[a]

konsentrasi	N	Subset for alpha = 0.05	
		1	2
5%	5	25.7080	
0%	5	26.1100	
15%	5		26.9320
10%	5		27.1580
Sig.		.181	.443

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

volume_pengembangan

Duncan[a]

konsentrasi	N	Subset for alpha = 0.05		
		1	2	3
0%	3	36.00		
5%	3		64.00	
10%	3			123.67
15%	3			131.00
Sig.		1.000	1.000	.359

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

adhesiveness adonan

Duncan[a]

konsentrasi	N	Subset for alpha = 0.05			
		1	2	3	4
15%	3	.00186641			
10%	3		.00353699		
5%	3			.00736228	
0%	3				.00917656
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

- **Uji Kruskal Wallis**

Test Statistics[a,b]

	warna	rasa	aroma	tekstur	keseluruhan
Kruskal-Wallis H	8.861	7.773	2.890	9.325	1.616
df	3	3	3	3	3
Asymp. Sig.	.031	.051	.409	.025	.656

a. Kruskal Wallis Test

b. Grouping Variable: perlakuan

- **Uji Mann-Whitney**
  Parameter Warna

a. 0% vs 5%

Test Statistics[a]

	warna
Mann-Whitney U	388.000
Wilcoxon W	853.000
Z	-.964
Asymp. Sig. (2-tailed)	.335

a. Grouping Variable: konsentrasi

b. 0% vs 10%

Test Statistics[a]

	warna
Mann-Whitney U	434.500
Wilcoxon W	899.500
Z	-.241
Asymp. Sig. (2-tailed)	.810

a. Grouping Variable: konsentrasi

c. 0% vs 15%

Test Statistics[a]

	warna
Mann-Whitney U	314.000
Wilcoxon W	779.000
Z	-2.125
Asymp. Sig. (2-tailed)	.034

a. Grouping Variable: konsentrasi

d. 5% vs 10%

Test Statistics[a]

	warna
Mann-Whitney U	367.000
Wilcoxon W	832.000
Z	-1.276
Asymp. Sig. (2-tailed)	.202

a. Grouping Variable: konsentrasi

e. 5% vs 15%

Test Statistics[a]

	warna
Mann-Whitney U	272.500
Wilcoxon W	737.500
Z	-2.752
Asymp. Sig. (2-tailed)	.006

a. Grouping Variable: konsentrasi

f. 10% vs 15%

Test Statistics[a]

	warna
Mann-Whitney U	337.500
Wilcoxon W	802.500
Z	-1.749
Asymp. Sig. (2-tailed)	.080

a. Grouping Variable: konsentrasi

- **Uji Mann-Whitney**
  Parameter Rasa

a. 0% vs 5%

Test Statistics[a]

	rasa
Mann-Whitney U	445.000
Wilcoxon W	910.000
Z	-.077
Asymp. Sig. (2-tailed)	.938

a. Grouping Variable: konsentrasi

b. 0% vs 10%

Test Statistics[a]

	rasa
Mann-Whitney U	305.500
Wilcoxon W	770.500
Z	-2.230
Asymp. Sig. (2-tailed)	.026

a. Grouping Variable: konsentrasi

c. 0% vs 15%

Test Statistics[a]

	rasa
Mann-Whitney U	441.000
Wilcoxon W	906.000
Z	-.139
Asymp. Sig. (2-tailed)	.889

a. Grouping Variable: konsentrasi

d. 5% vs 10%

Test Statistics[a]

	rasa
Mann-Whitney U	310.000
Wilcoxon W	775.000
Z	-2.159
Asymp. Sig. (2-tailed)	.031

a. Grouping Variable: konsentrasi

e. 5% vs 15%

Test Statistics[a]

	rasa
Mann-Whitney U	436.000
Wilcoxon W	901.000
Z	-.217
Asymp. Sig. (2-tailed)	.828

a. Grouping Variable: konsentrasi

f. 10% vs 15%

Test Statistics[a]

	rasa
Mann-Whitney U	295.000
Wilcoxon W	760.000
Z	-2.392
Asymp. Sig. (2-tailed)	.017

a. Grouping Variable: konsentrasi

- **Uji Mann-Whitney Parameter Aroma**

a. 0% vs 5%

Test Statistics[a]

	aroma
Mann-Whitney U	395.000
Wilcoxon W	860.000
Z	-.872
Asymp. Sig. (2-tailed)	.383

a. Grouping Variable: konsentrasi

b. 0% vs 10%

Test Statistics[a]

	aroma
Mann-Whitney U	364.000
Wilcoxon W	829.000
Z	-1.363
Asymp. Sig. (2-tailed)	.173

a. Grouping Variable: konsentrasi

c. 0% vs 15%

Test Statistics[a]

	aroma
Mann-Whitney U	355.500
Wilcoxon W	820.500
Z	-1.488
Asymp. Sig. (2-tailed)	.137

a. Grouping Variable: konsentrasi

d. 5% vs 10%

Test Statistics[a]

	aroma
Mann-Whitney U	418.000
Wilcoxon W	883.000
Z	-.515
Asymp. Sig. (2-tailed)	.607

a. Grouping Variable: konsentrasi

e. 5% vs 15%

Test Statistics[a]

	aroma
Mann-Whitney U	403.500
Wilcoxon W	868.500
Z	-.746
Asymp. Sig. (2-tailed)	.456

a. Grouping Variable: konsentrasi

f. 10% vs 15%

Test Statistics[a]

	aroma
Mann-Whitney U	436.000
Wilcoxon W	901.000
Z	-.224
Asymp. Sig. (2-tailed)	.823

a. Grouping Variable: konsentrasi

- **Uji Mann-Whitney Parameter Tekstur**

a. 0% vs 5%

Test Statistics[a]

	tekstur
Mann-Whitney U	333.000
Wilcoxon W	798.000
Z	-1.792
Asymp. Sig. (2-tailed)	.073

a. Grouping Variable: perlakuan

b. 0% vs 10%

Test Statistics[a]

	tekstur
Mann-Whitney U	428.000
Wilcoxon W	893.000
Z	-.342
Asymp. Sig. (2-tailed)	.732

a. Grouping Variable: perlakuan

c. 0% vs 15%

Test Statistics[a]

	tekstur
Mann-Whitney U	366.000
Wilcoxon W	831.000
Z	-1.312
Asymp. Sig. (2-tailed)	.190

a. Grouping Variable: perlakuan

d. 5% vs 10%

Test Statistics[a]

	tekstur
Mann-Whitney U	313.500
Wilcoxon W	778.500
Z	-2.086
Asymp. Sig. (2-tailed)	.037

a. Grouping Variable: perlakuan

e. 5% vs 15%

Test Statistics[a]

	tekstur
Mann-Whitney U	264.500
Wilcoxon W	729.500
Z	-2.838
Asymp. Sig. (2-tailed)	.005

a. Grouping Variable: perlakuan

f. 10% vs 15%

Test Statistics[a]

	tekstur
Mann-Whitney U	388.000
Wilcoxon W	853.000
Z	-.964
Asymp. Sig. (2-tailed)	.335

a. Grouping Variable: perlakuan

- **Uji Mann-Whitney**
  Parameter Keseluruhan

a. 0% vs 5%

Test Statistics[a]

	keseluruhan
Mann-Whitney U	426.000
Wilcoxon W	891.000
Z	-.369
Asymp. Sig. (2-tailed)	.712

a. Grouping Variable: konsentrasi

b. 0% vs 10%

Test Statistics[a]

	keseluruhan
Mann-Whitney U	383.000
Wilcoxon W	848.000
Z	-1.027
Asymp. Sig. (2-tailed)	.304

a. Grouping Variable: konsentrasi

c. 0% vs 15%

Test Statistics[a]

	keseluruhan
Mann-Whitney U	441.500
Wilcoxon W	906.500
Z	-.131
Asymp. Sig. (2-tailed)	.896

a. Grouping Variable: konsentrasi

d. 5% vs 10%

Test Statistics[a]

	keseluruhan
Mann-Whitney U	409.500
Wilcoxon W	874.500
Z	-.617
Asymp. Sig. (2-tailed)	.537

a. Grouping Variable: konsentrasi

e. 5% vs 15%

Test Statistics[a]

	keseluruhan
Mann-Whitney U	416.500
Wilcoxon W	881.500
Z	-.513
Asymp. Sig. (2-tailed)	.608

a. Grouping Variable: konsentrasi

f. 10% vs 15%

Test Statistics[a]

	keseluruhan
Mann-Whitney U	374.000
Wilcoxon W	839.000
Z	-1.163
Asymp. Sig. (2-tailed)	.245

a. Grouping Variable: konsentrasi

Lampiran 2. Form Uji Sensori

LEMBAR PENILAIAN UJI KESUKAAN

Nama Produk : Kue Baruasa
Nama Panelis :
Tanggal Pengujian :
Intruksi :

1. Di hadapan Anda disajikan 4 sampel kue baruasa. Berikan penilaian terhadap 4 sampel tersebut dengan cara mengamati dan mencicipi secara berurutan dari kiri ke kanan.
2. Netralkan indera pengecap Anda dengan berkumur air putih setelah mencicipi satu sampel dan sebelum mencicipi sampel selanjutnya
3. Nilai masing-masing sampel di kolom kode sampel menggunakan skala berikut :

1 = Amat sangat tidak suka
2 = Sangat tidak suka
3 = Tidak suka
4 = Agak tidak suka
5 = Netral
6 = Agak suka
7 = Suka
8 = Sangat suka
9 = Amat sangat suka

Parameter	Kode Sampel			
Warna				
Rasa				
Aroma				
Tekstur				
Keseluruhan				

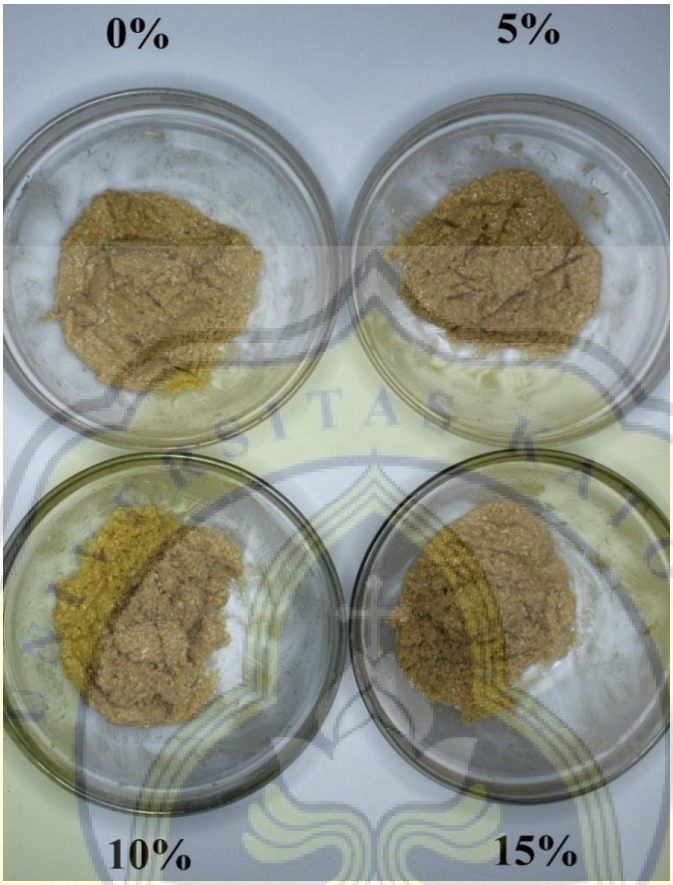
Dari 4 sampel, berikan penilaian dengan mengurutkan dari yang paling Anda sukai (tulis angka 1) hingga yang paling kurang Anda sukai (tulis angka 4) pada kolom di bawah ini. Skor yang diberikan antar sampel **TIDAK BOLEH SAMA**

Kode Sampel	Penilaian

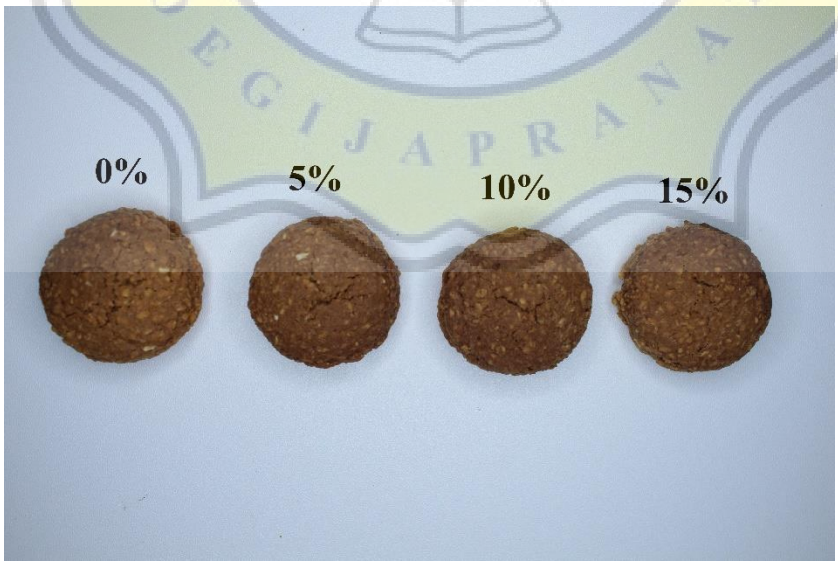
Komentar :

Lampiran 3. Foto

- **Adonan Kue Baruasa Tepung Porang**



- **Kue Baruasa Tepung Porang Tampak Atas**



Lampiran 4. Hasil *Plagscan*

Similarity Report

PAPER NAME

TA-19.I1.0145.docx

WORD COUNT

8904 Words

CHARACTER COUNT

52519 Characters

PAGE COUNT

42 Pages

FILE SIZE

1.2MB

SUBMISSION DATE

Apr 14, 2023 12:10 PM GMT+7

REPORT DATE

Apr 14, 2023 12:10 PM GMT+7

19% Overall Similarity

The combined total of all matches, including overlapping sources, for each database.

- 14% Internet database
- Crossref database
- 14% Submitted Works database
- 7% Publications database
- Crossref Posted Content database

Summary