LAMPIRAN

Lampiran 1. Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
kadar_air	,108	60	,079	,962	60	,057

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
hardness	,062	120	,200*	,985	120	,186

*. 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.
L	,059	59	,200*	,981	59	,479
a	,095	59	,200*	,988	59	,819
b	,096	59	,200*	,979	59	,405

*. 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.
Protein	,118	36	,200*	,945	36	,071
Lemak	,131	36	,124	,938	36	,044
Serat	,128	36	,142	,955	36	,147

*. 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.
Warna	,225	180	,000	,868	180	,000
Aroma	,191	180	,000	,900	180	,000
Rasa	,203	180	,000	,890	180	,000
Tekstur	,266	180	,000	,857	180	,000
Keseluruhan	,216	180	,000	,887	180	,000

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Protein	,118	36	,200*	,945	36	,071
Serat	,128	36	,142	,955	36	,147
Lemak	,112	36	,200*	,975	36	,593

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

a. Lilliefors Significance Correction

Lampiran 2. Uji Homogenitas

Test of Homogeneity of Variances

kadar_air

Levene Statistic	df1	df2	Sig.
,034	1	58	,855

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
KadarAir_a	2,235	2	27	,126
L_a	,662	2	27	,524
A_a	2,311	2	27	,118
B_a	1,035	2	27	,369

Test of Homogeneity of Variances

hardness

Levene Statistic	df1	df2	Sig.
1,544	2	57	,222

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Protein	1,728	1	34	,197
Lemak	3,073	1	34	,089
Serat	1,568	1	34	,219

Lampiran 3. Uji One Way Anova

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
KadarAir_a	Between Groups	3,749	2	1,875	1,916	,167
	Within Groups	26,415	27	,978		
	Total	30,164	29			
L_a	Between Groups	34,879	2	17,439	12,889	,000
	Within Groups	36,532	27	1,353		
	Total	71,411	29			
a	Between Groups	2,754	2	1,377	4,245	,025
	Within Groups	8,758	27	,324		
	Total	11,512	29			
b	Between Groups	35,308	2	17,654	13,502	,000
	Within Groups	35,302	27	1,307		
	Total	70,610	29			

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
KadarAir_s	Between Groups	3,837	2	1,919	1,761	,191
	Within Groups	29,409	27	1,089		
	Total	33,247	29			
L_s	Between Groups	31,815	2	15,907	14,055	,000
	Within Groups	30,558	27	1,132		
	Total	62,373	29			
A_s	Between Groups	9,798	2	4,899	25,591	,000
	Within Groups	5,169	27	,191		
	Total	14,967	29			
B_s	Between Groups	51,558	2	25,779	10,518	,000
	Within Groups	66,178	27	2,451		
	Total	117,737	29			

ANOVA

hardness

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2553,426	2	1276,713	9,123	,000
Within Groups	7977,259	57	139,952		
Total	10530,685	59			

ANOVA

Hardness_s

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	777,055	2	388,528	5,150	,009
Within Groups	4300,024	57	75,439		
Total	5077,079	59			

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Protein	Between Groups	,536	2	,268	,940	,412
	Within Groups	4,277	15	,285		
	Total	4,813	17			
Lemak	Between Groups	,007	2	,003	,143	,868
	Within Groups	,354	15	,024		
	Total	,361	17			
Serat	Between Groups	,827	2	,414	5,599	,015
	Within Groups	1,108	15	,074		
	Total	1,935	17			

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Protein_s	Between Groups	2,246	2	1,123	3,054	,077
	Within Groups	5,515	15	,368		
	Total	7,761	17			
Lemak_s	Between Groups	1,628	2	,814	4,085	,038
	Within Groups	2,989	15	,199		
	Total	4,617	17			
Serat_s	Between Groups	,831	2	,416	1,690	,218
	Within Groups	3,689	15	,246		
	Total	4,520	17			

Lampiran 4. Uji Post Hoc (Duncan)

KadarAir_a

Duncan[a]

VAR00002	N	Subset for alpha = .05 1
2,00	10	67,6270
3,00	10	67,8584
1,00	10	68,4653
Sig.		,083

Means for groups in homogeneous subsets are displ

a. Uses Harmonic Mean Sample Size = 10,000.

KadarAir_s

Duncan[a]

Konsentrasi	N	Subset for alpha = .05 1
1,00	10	63,9985
3,00	10	64,0212
2,00	10	64,7682
Sig.		,130

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

L_a

Duncan[a]

Konsentrasi	N	Subset for alpha = .05 1	2
3,00	10	71,0910	
1,00	10	71,2220	
2,00	10		73,4410
Sig.		,803	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

L_s

Duncan[a]

Konsentrasi	N	Subset for alpha = .05 1	2
3,00	10	67,6100	
2,00	10		69,7380
1,00	10		69,8470
Sig.		1,000	,821

Means for groups in homogeneous subsets are displa

a. Uses Harmonic Mean Sample Size = 10,000.

A_a

Duncan[a]

Konsentrasi	N	Subset for alpha = .05	
		1	2
2,00	10	,3680	
1,00	10	,6610	,6610
3,00	10		1,1050
Sig.		,260	,093

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

A_s

Duncan[a]

Konsentrasi	N	Subset for alpha = .05		
		1	2	3
2,00	10	,6350		
1,00	10		1,3770	
3,00	10			2,0340
Sig.		1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

B_a

Duncan[a]

Konsentrasi	N	Subset for alpha = .05		
		1	2	3
1,00	10	12,8410		
2,00	10		14,2840	
3,00	10			15,4950
Sig.		1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

B_s

Duncan[a]

Konsentrasi	N	Subset for alpha = .05	
		1	2
2,00	10	14,8860	
1,00	10	16,1870	
3,00	10		18,0790
Sig.		,074	1,000

Means for groups in homogeneous subsets are displa

a. Uses Harmonic Mean Sample Size = 10,000.

hardness

Duncan[a]

variabel	N	Subset for alpha = .05	
		1	2
3,00	20	111,2626	
2,00	20		120,3867
1,00	20		127,1855
Sig.		1,000	,074

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 20,000.

Hardness_s

Duncan[a]

Konsentrasi	N	Subset for alpha = .05	
		1	2
3,00	20	99,7919	
2,00	20	103,7628	103,7628
1,00	20		108,5930
Sig.		,154	,084

Means for groups in homogeneous subsets are displayed

a. Uses Harmonic Mean Sample Size = 20,000.

Protein

Duncan[a]

Konsentrasi	N	Subset for alpha = .05
		1
1,00	6	5,9344
2,00	6	6,2774
3,00	6	6,3199
Sig.		,254

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

Protein_s

Duncan[a]

Konsentrasi	N	Subset for alpha = .05	
		1	2
1,00	6	5,5062	
2,00	6	6,0302	6,0302
3,00	6		6,3644
Sig.		,155	,355

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

Lemak

Duncan[a]

Konsentrasi	N	Subset for alpha = .05
		1
1,00	6	,4831
3,00	6	,5161
2,00	6	,5292
Sig.		,630

Means for groups in homogeneous subsets are displ

a. Uses Harmonic Mean Sample Size = 6,000.

Lemak_s

Duncan[a]

Konsentrasi	N	Subset for alpha = .05	
		1	2
1,00	6	1,2039	
2,00	6	1,4055	1,4055
3,00	6		1,9183
Sig.		,446	,065

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

Serat

Duncan[a]

Konsentrasi	N	Subset for alpha = .05	
		1	2
1,00	6	1,1564	
3,00	6		1,5038
2,00	6		1,6711
Sig.		1,000	,303

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

Serat_s

Duncan[a]

Konsentrasi	N	Subset for alpha = .05
		1
1,00	6	1,1936
3,00	6	1,6310
2,00	6	1,6659
Sig.		,138

Means for groups in homogeneous subsets are displ

a. Uses Harmonic Mean Sample Size = 6,000.

Lampiran 5. Uji Independent T-test

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
kadar_air	Equal variances assumed	,034	,855	13,783	58	,000	3,72092	,26997	3,18051	4,26133
	Equal variances not assumed			13,783	57,863	,000	3,72092	,26997	3,18048	4,26136

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
L	Equal variances assumed	,007	,932	7,275	58	,000	2,85300	,39214	2,06804	3,63796
	Equal variances not assumed			7,275	57,736	,000	2,85300	,39214	2,06797	3,63803
a	Equal variances assumed	1,479	,229	-3,653	58	,001	-,63733	,17446	-,98654	-,28812
	Equal variances not assumed			-3,653	57,029	,001	-,63733	,17446	-,98667	-,28800
b	Equal variances assumed	3,111	,083	-4,680	58	,000	-2,17733	,46529	-3,10870	-1,24596
	Equal variances not assumed			-4,680	54,583	,000	-2,17733	,46529	-3,10995	-1,24472

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
hardness	Equal variances assumed	3,101	,086	1,819	38	,077	6,79887	3,73740	-,76709	14,36483
	Equal variances not assumed			1,819	35,289	,077	6,79887	3,73740	-,78623	14,38396

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Protein	Equal variances assumed	1,728	,197	,214	34	,832	,04469	,20867	-,37938	,46877
	Equal variances not assumed			,234	32,579	,816	,04469	,19100	-,34409	,43347
Serat	Equal variances assumed	1,568	,219	-,719	34	,477	-,10529	,14649	-,40299	,19240
	Equal variances not assumed			-,754	33,883	,456	-,10529	,13962	-,38908	,17849
Lemak	Equal variances assumed	3,073	,089	-8,312	34	,000	-,98679	,11872	-1,22805	-,74552
	Equal variances not assumed			-9,160	31,709	,000	-,98679	,10773	-1,20630	-,76727

Lampiran 6. Uji Kruskal Wallis

Test Statistics[a,b]

	Warna
Chi-Square	3,756
df	5
Asymp. Sig.	,585

a. Kruskal Wallis Test

b. Grouping Variable: Variabel

Test Statistics[a,b]

	Aroma
Chi-Square	24,994
df	5
Asymp. Sig.	,000

a. Kruskal Wallis Test

b. Grouping Variable: Variabel

Test Statistics[a,b]

	Rasa
Chi-Square	18,605
df	5
Asymp. Sig.	,002

a. Kruskal Wallis Test

b. Grouping Variable: Variabel

Test Statistics[a,b]

	Tekstur
Chi-Square	3,279
df	5
Asymp. Sig.	,657

a. Kruskal Wallis Test

b. Grouping Variable: Variabel

Test Statistics[a,b]

	Keseluruhan
Chi-Square	12,418
df	5
Asymp. Sig.	,029

a. Kruskal Wallis Test

b. Grouping Variable: Variabel

Lampiran 7. Lembar Uji Kesukaan

UJI RATING HEDONIK

Nama/usia :

Tanggal:

Produk : Nasi dari biji jali
Atribut : Warna, aroma, rasa, tekstur, keseluruhan

Sebelum menguji masing – masing sampel, berkumur –kumurlah dahulu dengan air putih yang telah disediakan.

Di hadapan Anda terdapat 6 sampel produk nasi jali. Cicipi sampel lalu berikan nilai **(1-5)** sesuai dengan tingkat kesukaan Anda terhadap masing – masing sampel untuk 5 atribut organoleptik. Lakukan secara berurutan dari kiri ke kanan. Nilai yang diberikan **boleh sama** antar sampel. (**Tidak Perlu membandingkan sampel)**

Keterangan :
1 = sangat tidak suka **2 = tidak suka** **3 = cukup suka** **4 = suka** **5= sangat suka**

Kode Sampel	Warna	Aroma	Rasa	Tekstur	Keseluruhan

Terimakasih ☺

Lampiran 8. *Worksheet* Uji *Rating Hedonic*

PERLAKUAN	KODE
Nasi Jali perendaman ragi 0% media air	A
Nasi jali perendaman ragi 5% media air	B
Nasi Jali perendaman ragi 10% media air	C
Nasi jali perendaman ragi 0% media santan	D
Nasi jali perendaman ragi 5% media santan	E
Nasi Jali perendaman ragi 10% media santan	F

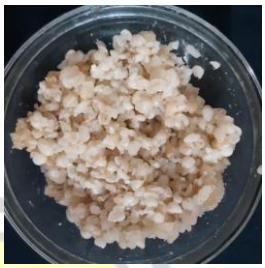
Kode Kombinasi dan Urutan Penyajian

Kombinasi Kode	**Panelis**	
ABCDEF	1, 7, 13, 19, 25	133, 201, 694, 565, 424, 379
BCDEFA	2, 8 , 14, 20, 26	567, 423, 380, 695, 135, 200
CDEFAB	3, 9, 15, 21. 27	202, 696, 139, 568, 378, 422
DEFABC	4, 10, 16, 22, 28	203, 382, 426, 421, 134, 693
EFABCD	5, 11, 17, 23, 29	205, 383, 569, 692, 138, 698
FABCDE	6, 12, 18, 24, 30	206, 425, 381, 697, 137, 570

	1	2	3	4	5	6
Sampel A	133	200	378	421	569	425
Sampel B	201	567	422	134	692	381
Sampel C	694	423	202	693	138	697
Sampel D	565	380	696	203	698	137
Sampel E	424	695	139	382	205	570
Sampel F	379	135	568	426	383	206

Lampiran 9. Foto Produk Nasi Jali

Nasi Jali 0g/100 ml larutan ragi ; media masak air



Nasi Jali 0g/100 ml larutan ragi ; media masak santan

Nasi Jali 5g/100 ml larutan ragi ; media masak air

Nasi Jali 5g/100 ml larutan ragi ; media masak santan

Nasi Jali 10g/100 ml larutan ragi ; media masak air

Nasi Jali 10g/100 ml larutan ragi ; media masak santan

PLAGIARISM CHECK.ORG

2.1% PLAGIARISM APPROXIMATELY

Report #10907324

PENDAHULUANLatar BelakangMakanan pokok mayoritas masyarakat Indonesia adalah beras yang diolah menjadi nasi. Masyarakat Indonesia memiliki ketergantungan yang tinggi terhadap beras. Di sisi lain, Pemerintah Indonesia memiliki program penganekaragaman konsumsi pangan berbasis sumber pangan lokal gencar termasuk di dalamnya adalah pangan pokok yang tertuang dalam Peraturan Presiden (Perpres) No 22 tahun 2019. Di Indonesia terdapat beragam tanaman lokal yang dapat dijadikan sumber pangan pokok diantaranya adalah singkong, gembili, kimpul, sagu, kentang, ubi, jali, dan lainnya. Pemanfaatan potensi pangan lokal yang baik akan membuat kedaulatan dan kemandirian pangan sehingga memperkuat ketahanan pangan di Indonesia (Anonim, 2014) Jali (Coix lacryma jobi L.) merupakan tanaman pangan lokal dari kelompo k tanaman serealia. Tanaman jali banyak tumbuh di daerah Jawa Barat dan Jawa Tengah. Dalam 100 gram biji jali lokal dari Jawa Barat mengandung 380 kalori ; 12,2 g air ; 15,4 g protein; 6,2 g lemak; 65,3 g karbohidrat; 0,8 g serat; 25 mg kalsium; 435 mg pospor; 5 mg besi; dan vitamin B seperti thiamin, riboflavin, dan niacin (Duke, 1983 dalam Nurmala, 2011). Keunggulan jali lainnya yaitu memiliki indeks glikemik yang rendah yaitu 20,1 pada jali kupas yang telah dimasak (Tensiska et al,2015) sehingga baik dikonsumsi siapa saja. Kandungan