

7. LAMPIRAN

Lampiran 1. *Worksheet Uji Rating Mi Kering Non Terigu*

Worksheet Uji Rating Hedonik

Tanggal uji : 9 Mei 2017

Jenis sampel : Mi Jagung

Identifikasi sampel

Mi jagung kontrol (gliseril monostearat : soda abu sebesar 0,5% : 1%)

Mi jagung perbandingan CMC dan Baking Powder 1% : 0,3%

Mi jagung perbandingan CMC dan Baking Powder 1% : 0,65%

Mi jagung perbandingan CMC dan Baking Powder 1% : 1%

Kode

A

B

C

D

Kode kombinasi urutan penyajian :

BACD	= 1	BACD	= 16
BCDA	= 2	BCDA	= 17
BDAC	= 3	BDAC	= 18
BDCA	= 4	BDCA	= 19
ABCD	= 5	ABCD	= 20
ACDB	= 6	ACDB	= 21
ADBC	= 7	ADBC	= 22
ACBD	= 8	ACBD	= 23
CABD	= 9	CABD	= 24
CBAD	= 10	CBAD	= 25
CDAB	= 11	CDAB	= 26
DABC	= 12	DABC	= 27
DBCA	= 13	DBDA	= 28
DCAB	= 14	DCAB	= 29
DBAC	= 15	DBAC	= 30

Penyajian :

Panelis	Kode sampel ^{urutan penyajian}
#1, 16	721 161 681 725 ¹
#2, 17	685 552 117 373 ²
#3, 18	233 939 862 184 ³
#4, 19	489 941 291 894 ⁴
#5, 20	712 286 468 169 ⁵
#6, 21	744 423 638 849 ⁶
#7, 22	662 781 372 658 ⁷
#8, 23	122 414 685 512 ⁸
#9, 24	663 835 593 891 ⁹
#10, 25	216 537 684 786 ¹⁰
#11, 26	595 351 447 152 ¹¹
#12, 27	614 446 189 731 ¹²
#13, 28	222 121 188 578 ¹³
#14, 29	256 666 226 263 ¹⁴
#15, 30	149 335 710 186 ¹⁵

Rekap kode sampel :

Sampel A	161 373 862 894 712 744 662 122 835 684 447 446 578 226 710
Sampel B	721 685 233 489 286 849 372 685 593 537 152 189 121 263 335
Sampel C	681 552 184 291 468 423 658 414 663 216 595 731 188 666 186
Sampel D	725 117 939 941 169 638 741 512 891 786 351 614 222 256 149

Lampiran 2. Scoresheet Uji Rating Mi Kering Non Terigu

UJI RATING HEDONIK

Nama :

Tanggal :

Produk : Mie Jagung

Atribut : Tekstur (Kekenyalan)

Instruksi

Kekenyalan (*cohesiveness*) merupakan kemampuan suatu bahan kembali ke bentuk semula jika diberi gaya, kemudian gaya tersebut dilepas kembali. Dihadapan anda terdapat 4 sampel mie jagung. Pegang dan tekan sampel secara berurutan dari kiri ke kanan. Anda boleh mengulang sesering yang anda perlukan, berilah penilaian terhadap masing-masing sampel : Sangat Anda Tidak Sukai (=1), Tidak Anda Sukai (=2), Anda Sukai (=3), Sangat Anda Sukai (=4).

Kode Sampel

Rating (Boleh Sama)

UJI RATING HEDONIK

Nama :

Tanggal :

Produk : Mie Jagung

Atribut : Aroma

Instruksi

Dihadapan anda terdapat 4 sampel mie jagung. Hiruplah aroma sampel secara berurutan dari kiri ke kanan. Anda boleh mengulang sesering yang anda perlukan, berilah penilaian terhadap masing-masing sampel : Sangat Anda Tidak Sukai (=1), Tidak Anda Sukai (=2), Anda Sukai (=3), Sangat Anda Sukai (=4).

Kode Sampel

Rating (Boleh Sama)

Lampiran 3. Hasil Pengolahan SPSS

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KadarAir	.070	90	.200*	.976	90	.094
CookingTime	.125	90	.001	.937	90	.000
CookingLoss	.093	90	.053	.941	90	.000

a. Lilliefors Significance Correction

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

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
TensileStrength	.053	300	.040	.982	300	.001

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Elongasi	.085	150	.009	.976	150	.010

a. Lilliefors Significance Correction

Analisa Fisik

Post Hoc One Way Anova

CookingTime

Duncan

Perlakuan	N	Subset					
		1	2	3	4	5	6
F6	9	4.4900E2					
KONTROL	9	4.5211E2					
F5	9	4.5744E2	4.5744E2				
F3	9	4.6233E2	4.6233E2				
F2	9	4.6722E2	4.6722E2				
F9	9		4.7733E2	4.7733E2			
F4	9			4.9878E2	4.9878E2		
F8	9				5.1656E2	5.1656E2	
F1	9					5.3856E2	
F7	9						5.7978E2
Sig.		.160	.115	.063	.122	.057	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 583.053.

CookingLoss

Duncan

Perlakuan	N	Subset					
		1	2	3	4	5	6
KONTROL	9	10.8581					
F9	9		13.1326				
F8	9			18.9906			
F7	9			20.6611	20.6611		
F6	9				22.4438		
F5	9				22.4807		
F4	9				22.5611		
F3	9					26.1942	
F2	9					28.0558	28.0558
F1	9						28.3507
Sig.		1.000	1.000	.091	.079	.061	.764

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 4.303.

TensileStrength

Duncan

Perlakuan	N	Subset					
		1	2	3	4	5	6
F10	30	4.0774E2					
F1	30	4.4130E2					
F2	30	4.5361E2	4.5361E2				
F3	30	4.5563E2	4.5563E2				
F4	30		4.9834E2	4.9834E2			
F5	30			5.0789E2			
F6	30				5.6663E2		
F7	30					6.8414E2	
F8	30					7.2848E2	7.2848E2
F9	30						7.5182E2
Sig.		.082	.093	.704	1.000	.078	.354

TensileStrength

Duncan

Perlakuan	N	Subset					
		1	2	3	4	5	6
F10	30	4.0774E2					
F1	30	4.4130E2					
F2	30	4.5361E2	4.5361E2				
F3	30	4.5563E2	4.5563E2				
F4	30		4.9834E2	4.9834E2			
F5	30			5.0789E2			
F6	30				5.6663E2		
F7	30					6.8414E2	
F8	30					7.2848E2	7.2848E2
F9	30						7.5182E2
Sig.		.082	.093	.704	1.000	.078	.354

Elongasi

Duncan

Perlakuan	N	Subset					
		1	2	3	4	5	6
F10	15	1.1408E2					
F1	15		1.3950E2				
F2	15		1.4139E2				
F3	15		1.4322E2	1.4322E2			
F4	15			1.5853E2	1.5853E2		
F5	15				1.6717E2		
F6	15					1.9137E2	
F7	15					2.0605E2	2.0605E2
F8	15						2.0866E2
F9	15						2.1451E2
Sig.		1.000	.660	.054	.274	.064	.315

Analisa Kimia

KadarAir

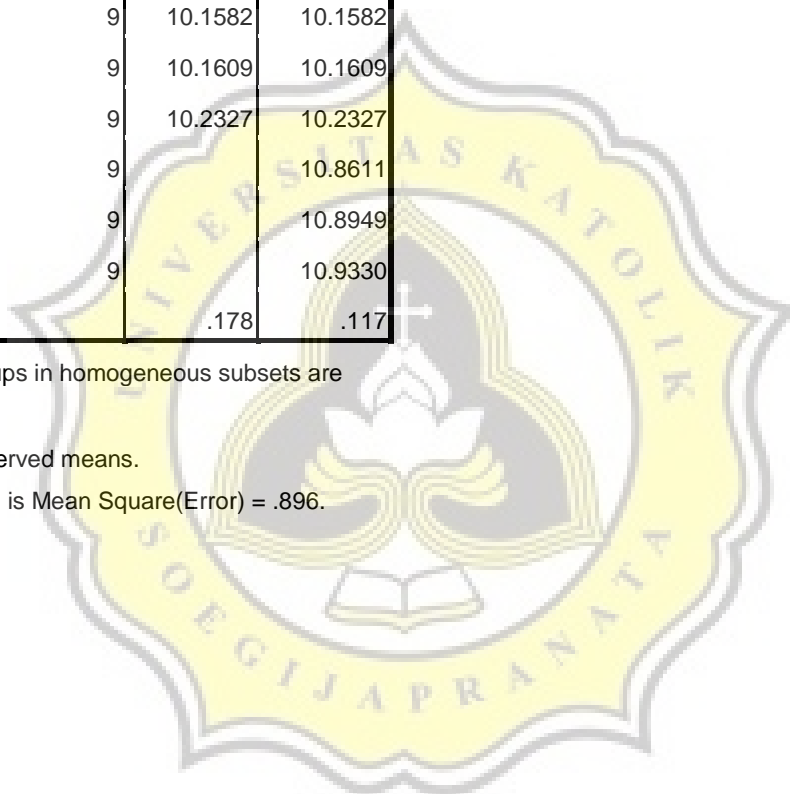
Duncan

Perlakuan	N	Subset	
		1	2
F3	9	9.5253	
F2	9	9.5687	
F1	9	9.7270	
F6	9	10.1119	10.1119
F5	9	10.1582	10.1582
F4	9	10.1609	10.1609
F9	9	10.2327	10.2327
KONTROL	9		10.8611
F8	9		10.8949
F7	9		10.9330
Sig.		.178	.117

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .896.



Analisa Sensori

Kruskal Wallis

	Aroma	Kekenyalan
Chi-Square	12.551	4.441
df	3	3
Asymp. Sig.	.006	.218
Monte Carlo Sig. Sig.	.005 ^a	.214 ^a
95% Confidence Interval Lower Bound	.004	.206
Upper Bound	.006	.222

a. Based on 10000 sampled tables with starting seed 2000000.

b. Kruskal Wallis Test

c. Grouping Variable: Perlakuan

Uji Beda Man Whitney Aroma

A –B

	Aroma
Mann-Whitney U	290.000
Wilcoxon W	755.000
Z	-2.488
Asymp. Sig. (2-tailed)	.013
Monte Carlo Sig. (2-tailed) Sig.	.014 ^a
95% Confidence Interval Lower Bound	.012
Upper Bound	.016
Monte Carlo Sig. (1-tailed) 95% Confidence Interval Lower Bound	.006
Upper Bound	.009
Sig.	.007 ^a

a. Based on 10000 sampled tables with starting seed 926214481.

b. Grouping Variable: Perlakuan

A – C

Test Statistics^b

			Aroma
Mann-Whitney U			244.500
Wilcoxon W			709.500
Z			-3.158
Asymp. Sig. (2-tailed)			.002
Monte Carlo Sig. (2-tailed)	Sig.		.002 ^a
	95% Confidence Interval	Lower Bound	.001
		Upper Bound	.003
Monte Carlo Sig. (1-tailed)	95% Confidence Interval	Lower Bound	.001
		Upper Bound	.002
	Sig.		.001 ^a

a. Based on 10000 sampled tables with starting seed 1314643744.

b. Grouping Variable: Perlakuan

A – D

Test Statistics^b

			Aroma
Mann-Whitney U			322.000
Wilcoxon W			787.000
Z			-1.997
Asymp. Sig. (2-tailed)			.046
Monte Carlo Sig. (2-tailed)	Sig.		.049 ^a
	95% Confidence Interval	Lower Bound	.045
		Upper Bound	.053
Monte Carlo Sig. (1-tailed)	95% Confidence Interval	Lower Bound	.022
		Upper Bound	.028
	Sig.		.025 ^a

a. Based on 10000 sampled tables with starting seed 624387341.

b. Grouping Variable: Perlakuan

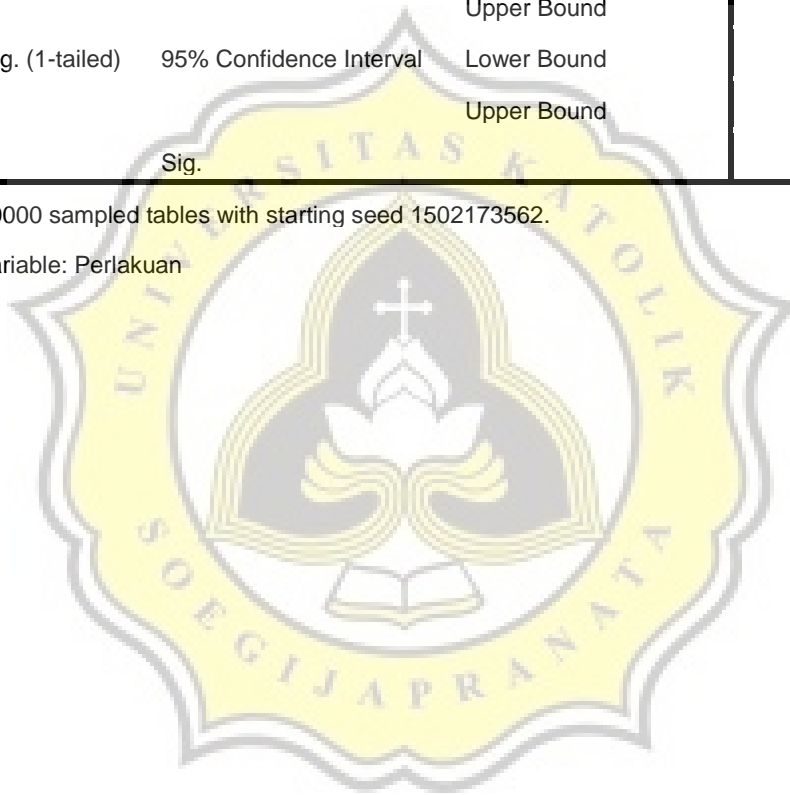
B-C

Test Statistics^b

			Aroma
Mann-Whitney U			374.000
Wilcoxon W			839.000
Z			-1.186
Asymp. Sig. (2-tailed)			.236
Monte Carlo Sig. (2-tailed)	Sig.		.237 ^a
	95% Confidence Interval	Lower Bound	.229
		Upper Bound	.246
Monte Carlo Sig. (1-tailed)	95% Confidence Interval	Lower Bound	.111
		Upper Bound	.124
	Sig.		.117 ^a

a. Based on 10000 sampled tables with starting seed 1502173562.

b. Grouping Variable: Perlakuan



B-D

Test Statistics^b

			Aroma
Mann-Whitney U			411.000
Wilcoxon W			876.000
Z			-.618
Asymp. Sig. (2-tailed)			.536
Monte Carlo Sig. (2-tailed)	Sig.		.580 ^a
	95% Confidence Interval	Lower Bound	.570
		Upper Bound	.589
Monte Carlo Sig. (1-tailed)	95% Confidence Interval	Lower Bound	.283
		Upper Bound	.301
	Sig.		.292 ^a

a. Based on 10000 sampled tables with starting seed 743671174.

b. Grouping Variable: Perlakuan

C-D

Test Statistics^b

			Aroma
Mann-Whitney U			340.000
Wilcoxon W			805.000
Z			-1.715
Asymp. Sig. (2-tailed)			.086
Monte Carlo Sig. (2-tailed)	Sig.		.091 ^a
	95% Confidence Interval	Lower Bound	.086
		Upper Bound	.097
Monte Carlo Sig. (1-tailed)	95% Confidence Interval	Lower Bound	.042
		Upper Bound	.050
	Sig.		.046 ^a

a. Based on 10000 sampled tables with starting seed 957002199.

b. Grouping Variable: Perlakuan

7% 

FORMULIR SCAN ANTI PLAGIARISME

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Fak. / Prodi : Teknologi Pangan NIM : 13.70.0042
berupa (TESIS, TUGAS AKHIR, SKRIPSI, SUMMARY, LAPORAN KERJA PRAKTEK)

dengan judul : Pengaruh Penambahan Carboxymethyl Cellulose (CMC) dan Baking Powder Terhadap Karakteristik Fisikokimia dan Sensori Kering Non Terigu
Semarang, 19 Oktober 2017

Petugas  Yang Menyerahkan, Dosen Pembimbing, 

 Maria Restu B.K.

NB. Laporan hasil scan terlampir untuk Yang bersangkutan *

PlagScan | PRO Filename: Maria_Restu_Budi_Kristanti_13.70.0042_PENGARUH_PENAMBAHAN_CARBOXYMETHYL_CELLULOSE_(CMC)_DAN_BAKING_POWDER_TERHADAP
Date: 2017-10-18 08:08 UTC
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