Lampiran 1. lembar uji organoleptik

Hari / tanggal:

Nama panelis:

Jenis uji: uji kesukaan

Dihadapan saudara disajikan contoh produk klepon. Isilah kolom pada tabel dibawah ini dengan pernyataan yang sesuai dengan tingkat kesukaan anda terhadap warna dan rasa. Saudara diminta untuk memberikan penilaian seberapa jauh saudara menyukai seuai dengan skor nilai yang telah tersedia. Sebuah penilaian yang jujur akan membantu kami.

Terima kasih

no	kode produk	skala numerik			
		warna	Rasa	Aroma	Tekstur
1	T0P1				
2	T0P2				
3	T1P1				
4	T1P2				
5	T2P1				
6	T2P2				
7	T3P1				
8	T3P2				
9	T4P1				
10	T4P2				

KETERANGAN:

1= tidak suka
2= Kurang suka
3= suka
4= Sangat suka
5= Amat Sangat Suka

Lampiran 2. Perhitungan kadar air klepon

Perlakuan	Ulangan			Total	Rerata
	1	2	3		
P0	44,48	45,37	45,37	135,22	45,07
P1	44,56	45,16	45,16	134,88	44,96
P2	45,51	46,36	46,36	138,23	46,08
P3	46,78	46,89	46,89	140,56	46,85
P4	47,19	47,33	47,33	141,85	47,28

Descriptive Statistics: Kadar air

Descriptive Statistics: Kadar air

Variable Perlakuan Mean StDev Minimum Maximum
Kadar air P0 45,073 0,460 44,480 45,370
P1 44,960 0,346 44,560 45,160
P2 46,077 0,491 45,510 46,360
P3 46,853 0,0635 46,780 46,890
P4 47,283 0,0808 47,190 47,330

Variable Perlakuan Maximum
Kadar air P0 45,370
P1 45,160
P2 46,360
P3 46,890
P4 47,330

General Linear Model: Kadar air versus Perlakuan; Ulangan

Method

Factor coding (-1; 0; +1)

Factor Information

Factor Type Levels Values
Perlakuan Fixed 5 P0; P1; P2; P3; P4
Ulangan Fixed 3 1; 2; 3

Analysis of Variance

Source DF Adj SS Adj MS F-Value P-Value
Perlakuan 4 15,3089 3,82722 92,87 0,000
Ulangan 2 1,3456 0,67280 16,33 0,001
Error 11 0,4533 0,04121
Lack-of-Fit 8 0,4533 0,05667 * *
Pure Error 3 0,0000 0,00000
Total 17 17,1078

Model Summary

S R-sq R-sq(adj) R-sq(pred)
0,203008 97,35% 95,90% 92,41%

Coefficients

Term	Coef	SE Coef	T-Value	P-Value	VIF
Constant	46,0493	0,0497	926,05	0,000	
Perlakuan					
P0	-0,9760	0,0812	-12,02	0,000	1,36
P1	-1,089	0,104	-10,52	0,000	1,56
P2	0,027	0,104	0,26	0,797	1,56
P3	0,804	0,104	7,77	0,000	1,56
Ulangan					
1	-0,3867	0,0677	-5,71	0,000	1,33
2	0,1933	0,0677	2,86	0,016	1,33

Regression Equation

Kadar air = 46,0493 - 0,9760 Perlakuan_P0 - 1,089 Perlakuan_P1 + 0,027 Perlakuan_P2
+ 0,804 Perlakuan_P3 + 1,234 Perlakuan_P4 - 0,3867 Ulangan_1 + 0,1933 Ulangan_2
+ 0,1933 Ulangan_3

Fits and Diagnostics for Unusual Observations

Obs	Kadar air	Fit	Std Resid	Resid	
10	46,780	46,467	0,313	2,07	R

R Large residual

Comparisons for Kadar air

Tukey Pairwise Comparisons: Response = Kadar air, Term = Perlakuan

Grouping Information Using the Tukey Method and 95% Confidence

Perlakuan	N	Mean	Grouping
P4	3	47,2833	A
P3	3	46,8533	A
P2	3	46,0767	B
P0	6	45,0733	C
P1	3	44,9600	C

Means that do not share a letter are significantly different.

Tukey Simultaneous 95% CIs

Lampiran 3. Perhitungan serat kasar klepon

Perlakuan	Ulangan			Total	Rerata
	1	2	3		
P0	1,47	1,24	1,24	3,95	1,32
P1	1,42	2,18	2,18	5,78	1,93
P2	1,1	1,4	1,4	3,9	1,3
P3	1,96	2,41	2,41	6,78	2,26
P4	1,41	1,59	1,59	4,59	1,53

Descriptive Statistics: Kadar serat kasar

Variable	Perlakuan	Mean	StDev	Minimum	Maximum
Kadar serat kasar	P0	1,3167	0,1188	1,2400	1,4700
	P1	1,927	0,439	1,420	2,180
	P2	1,300	0,173	1,100	1,400
	P3	2,260	0,260	1,960	2,410
	P4	1,5300	0,1039	1,4100	1,5900

General Linear Model: Kadar serat kasar versus Perlakuan; Ulangan

Method

Factor coding (-1; 0; +1)

Factor Information

Factor	Type	Levels	Values
Perlakuan	Fixed	5	P0; P1; P2; P3; P4
Ulangan	Fixed	3	1; 2; 3

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Perlakuan	4	2,39205	0,598013	13,05	0,000
Ulangan	2	0,16810	0,084050	1,83	0,205
Error	11	0,50410	0,045827		
Lack-of-Fit	8	0,50410	0,063013	*	*
Pure Error	3	0,00000	0,000000		
Total	17	3,06425			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0,214073	83,55%	74,58%	57,59%

Coefficients

Term	Coef	SE Coef	T-Value	P-Value	VIF
Constant	1,6667	0,0524	31,78	0,000	
Perlakuan					
P0	-0,3500	0,0856	-4,09	0,002	1,36
P1	0,260	0,109	2,38	0,036	1,56
P2	-0,367	0,109	-3,36	0,006	1,56

P3	0,593	0,109	5,44	0,000	1,56
Ulangan					
1	-0,1367	0,0714	-1,92	0,082	1,33
2	0,0683	0,0714	0,96	0,359	1,33

Regression Equation

Kadar serat kasar = 1,6667 - 0,3500 Perlakuan_P0 + 0,260 Perlakuan_P1 - 0,367 Perlakuan_P2
+ 0,593 Perlakuan_P3 - 0,137 Perlakuan_P4 - 0,1367 Ulangan_1
+ 0,0683 Ulangan_2 + 0,0683 Ulangan_3

Fits and Diagnostics for Unusual Observations

Obs	Kadar serat kasar	Fit	Resid	Std Resid	
4	1,420	1,790	-0,370	-2,32	R

R Large residual

Comparisons for Kadar serat kasar

Tukey Pairwise Comparisons: Response = Kadar serat kasar, Term = Perlakuan

Grouping Information Using the Tukey Method and 95% Confidence

Perlakuan	N	Mean	Grouping		
P3	3	2,26000	A		
P1	3	1,92667	A	B	
P4	3	1,53000		B	C
P0	6	1,31667			C
P2	3	1,30000			C

Means that do not share a letter are significantly different.

Tukey Simultaneous 95% CIs

Lampiran 4. Perhitungan tekstur klepon

Perlakuan	Ulangan	Total	Rerata

	1	2	3		
P0	11,6	15,8	15,8	43,2	14,4
P1	8,3	10,5	10,5	29,3	9,77
P2	8	7,7	7,7	23,4	7,8
P3	4,4	4,5	4,5	13,4	4,47
P4	5,4	6,2	6,2	17,8	5,93

Descriptive Statistics: Tekstur

Variable Perlakuan Mean StDev Minimum Maximum
Tekstur P0 14,400 2,169 11,600 15,800
P1 9,767 1,270 8,300 10,500
P2 7,800 0,173 7,700 8,000
P3 4,4667 0,0577 4,4000 4,5000
P4 5,933 0,462 5,400 6,200

General Linear Model: Tekstur versus Perlakuan; Ulangan

Method

Factor coding (-1; 0; +1)

Factor Information

Factor Type Levels Values
Perlakuan Fixed 5 P0; P1; P2; P3; P4
Ulangan Fixed 3 1; 2; 3

Analysis of Variance

Source DF Adj SS Adj MS F-Value P-Value
Perlakuan 4 267,083 66,7707 55,21 0,000
Ulangan 2 13,938 6,9689 5,76 0,019
Error 11 13,302 1,2093
Lack-of-Fit 8 13,302 1,6628 * *
Pure Error 3 0,000 0,0000
Total 17 294,323

Model Summary

S R-sq R-sq(adj) R-sq(pred)
1,09968 95,48% 93,02% 88,62%

Coefficients

Term Coef SE Coef T-Value P-Value VIF
Constant 8,473 0,269 31,46 0,000
Perlakuan
P0 5,927 0,440 13,47 0,000 1,36
P1 1,293 0,561 2,31 0,042 1,56
P2 -0,673 0,561 -1,20 0,255 1,56
P3 -4,007 0,561 -7,15 0,000 1,56
Ulangan
1 -1,244 0,367 -3,39 0,006 1,33
2 0,622 0,367 1,70 0,118 1,33

Regression Equation

Tekstur = 8,473 + 5,927 Perlakuan_P0 + 1,293 Perlakuan_P1 - 0,673 Perlakuan_P2
- 4,007 Perlakuan_P3 - 2,540 Perlakuan_P4 - 1,244 Ulangan_1 + 0,622 Ulangan_2
+ 0,622 Ulangan_3

lampiran 5. Hasil uji organoleptik rasa

PANELIS	T0P1	T0P2	T0P3	T1P1	T1P2	T1P3	T2P1	T2P2	T2P3	T3P1	T3P2	T3P3	T4P1	T4P2	T4P3	TOTAL
1	3	3	3	4	3	3	4	4	4	3	3	3	3	3	3	49
2	4	3	3	3	3	3	4	3	3	4	3	3	3	3	3	48
3	3	4	4	3	3	3	3	3	3	4	4	4	3	3	3	50
4	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	49
5	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	48
6	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	57
7	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	57
8	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	51
9	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	51
10	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	51
11	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	48
12	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	48
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	45
14	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	51
15	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	51
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	45
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	45
18	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	51
19	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	51
20	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	51
21	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	51
22	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	51
23	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	51
24	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	51
25	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	48
TOTAL	**80**	**80**	**80**	**82**	**81**	**81**	**92**	**90**	**90**	**90**	**89**	**89**	**75**	**75**	**75**	1249
ratarata	**3,2**	**3,2**	**3,2**	**3,28**	**3,24**	**3,24**	**3,68**	**3,6**	**3,6**	**3,6**	**3,56**	**3,56**	**3**	**3**	**3**	

Lampiran 6. Hasil uji organoleptik warna

PANELIS	T0P1	T0P2	T0P3	T1P1	T1P2	T1P3	T2P1	T2P2	T2P3	T3P1	T3P2	T3P3	T4P1	T4P2	T4P3	TOTAL
1	2	2	2	3	2	2	4	3	3	4	4	4	3	3	3	44

2	2	2	2	4	2	2	3	3	3	4	3	3	4	3	3	43
3	2	2	2	3	2	2	3	3	3	3	3	3	4	4	4	43
4	2	2	2	3	2	2	4	4	4	4	3	3	3	3	3	44
5	2	2	2	3	2	2	4	4	4	3	3	3	3	3	3	43
6	2	2	2	4	2	2	4	4	4	4	4	4	4	4	4	50
7	2	2	2	4	2	2	4	4	4	4	4	4	4	4	4	50
8	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	46
9	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	46
10	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	46
11	2	2	2	3	2	2	3	3	3	4	4	4	3	3	3	43
12	2	2	2	3	2	2	3	3	3	4	4	4	3	3	3	43
13	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	40
14	2	2	2	4	2	2	4	4	4	3	3	3	3	3	3	44
15	2	2	2	4	2	2	4	4	4	3	3	3	3	3	3	44
16	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	40
17	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	40
18	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	46
19	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	46
20	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	46
21	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	46
22	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	46
23	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	46
24	2	2	2	3	2	2	3	3	3	4	4	4	4	4	4	46
25	2	2	2	3	2	2	3	3	3	3	3	3	4	4	4	43
TOTAL	**50**	**50**	**50**	**80**	**50**	**50**	**82**	**81**	**81**	**92**	**90**	**90**	**90**	**89**	**89**	1114
ratarata	**2**	**2**	**2**	**3,2**	**2**	**2**	**3,28**	**3,24**	**3,24**	**3,68**	**3,6**	**3,6**	**3,6**	**3,56**	**3,56**	