

KUISIONER UJI KESUKAAN

Jenis Kelamin: Pria / Wanita.

Umur:th.

Dihadapan Anda tersaji 4 (empat) macam sampel roti tawar. Silahkan berikan penilaian Anda terhadap tekstur, rasa, warna, dan aroma dari masing-masing sampel yang tersedia dengan mengisi kolom di bawah ini menggunakan angka 1 hingga 5.

Uji Tekstur.

Kode Sampel			

Catatan:

- Keterangan:
- 1 = sangat halus.
 - 2 = halus.
 - 3 = kasar.
 - 4 = cukup kasar.
 - 5 = sangat kasar.

Uji Warna.

Kode Sampel			

Catatan:

- Keterangan:
- 1 = sangat menarik.
 - 2 = cukup menarik.
 - 3 = menarik.
 - 4 = tidak menarik.
 - 5 = sangat tidak menarik.

Uji Rasa.

Kode Sampel			

Catatan:

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

Uji Aroma.

Kode Sampel			

Catatan:

- Keterangan:
- 1 = sangat dapat diterima.
 - 2 = dapat diterima.
 - 3 = diterima.
 - 4 = tidak dapat diterima.
 - 5 = sangat tidak dapat diterima.

† Terima kasih †



Oneway

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
SERAT	1,980	3	8	,196
LEMAK	4,734	3	8	,035
MENIT_0	3,542	3	8	,068
MENIT_5	3,023	3	8	,094
MENIT_10	3,242	3	8	,081
MENIT_15	1,850	3	8	,216
MENIT_20	,974	3	8	,452
MENIT_25	1,983	3	8	,195
MENIT_30	3,486	3	8	,070
MENIT_35	2,079	3	8	,181
MENIT_40	2,094	3	8	,179
MENIT_43	3,544	3	8	,068
MENIT_46	4,011	3	8	,052
MENIT_49	1,428	3	8	,305
MENIT_52	1,428	3	8	,305
MENIT_55	1,428	3	8	,305
MENIT_70	3,809	3	8	,058



ANOVA

		Sum of Squares	df	Mean Square
SERAT	Between Groups	1,857E-02	3	6,191E-03
	Within Groups	5,872E-03	8	7,340E-04
	Total	2,445E-02	11	
LEMAK	Between Groups	1,970E-03	3	6,566E-04
	Within Groups	1,804E-03	8	2,256E-04
	Total	3,774E-03	11	
MENIT_0	Between Groups	,596	3	,199
	Within Groups	1,319	8	,165
	Total	1,915	11	
MENIT_5	Between Groups	1,904	3	,635
	Within Groups	1,418	8	,177
	Total	3,321	11	
MENIT_10	Between Groups	,788	3	,263
	Within Groups	1,406	8	,176
	Total	2,195	11	
MENIT_15	Between Groups	2,314	3	,771
	Within Groups	1,673	8	,209
	Total	3,986	11	
MENIT_20	Between Groups	3,355	3	1,118
	Within Groups	2,825	8	,353
	Total	6,180	11	
MENIT_25	Between Groups	3,786	3	1,262
	Within Groups	4,120	8	,515
	Total	7,905	11	
MENIT_30	Between Groups	3,502	3	1,167
	Within Groups	3,146	8	,393
	Total	6,648	11	
MENIT_35	Between Groups	2,758	3	,919
	Within Groups	2,372	8	,297
	Total	5,130	11	
MENIT_40	Between Groups	1,852	3	,617
	Within Groups	1,951	8	,244
	Total	3,803	11	
MENIT_43	Between Groups	1,537	3	,512
	Within Groups	1,539	8	,192
	Total	3,077	11	
MENIT_46	Between Groups	2,567	3	,856
	Within Groups	1,240	8	,155
	Total	3,807	11	
MENIT_49	Between Groups	2,393	3	,798
	Within Groups	1,133	8	,142
	Total	3,527	11	

ANOVA

		Sum of Squares	df	Mean Square
MENIT_52	Between Groups	2,393	3	,798
	Within Groups	1,133	8	,142
	Total	3,527	11	
MENIT_55	Between Groups	2,393	3	,798
	Within Groups	1,133	8	,142
	Total	3,527	11	
MENIT_70	Between Groups	2,015	3	,672
	Within Groups	1,048	8	,131
	Total	3,063	11	



ANOVA

		F	Sig.
SERAT	Between Groups	8,435	,007
	Within Groups		
	Total		
LEMAK	Between Groups	2,911	,101
	Within Groups		
	Total		
MENIT_0	Between Groups	1,205	,368
	Within Groups		
	Total		
MENIT_5	Between Groups	3,581	,066
	Within Groups		
	Total		
MENIT_10	Between Groups	1,495	,288
	Within Groups		
	Total		
MENIT_15	Between Groups	3,689	,062
	Within Groups		
	Total		
MENIT_20	Between Groups	3,167	,085
	Within Groups		
	Total		
MENIT_25	Between Groups	2,451	,138
	Within Groups		
	Total		
MENIT_30	Between Groups	2,969	,097
	Within Groups		
	Total		
MENIT_35	Between Groups	3,100	,089
	Within Groups		
	Total		
MENIT_40	Between Groups	2,531	,131
	Within Groups		
	Total		
MENIT_43	Between Groups	2,663	,119
	Within Groups		
	Total		
MENIT_46	Between Groups	5,520	,024
	Within Groups		
	Total		
MENIT_49	Between Groups	5,631	,023
	Within Groups		
	Total		

ANOVA

		F	Sig.
MENIT_52	Between Groups	5,631	,023
	Within Groups		
	Total		
MENIT_55	Between Groups	5,631	,023
	Within Groups		
	Total		
MENIT_70	Between Groups	5,126	,029
	Within Groups		
	Total		

Post Hoc Tests

Homogeneous Subsets

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
0%	3	8,100E-02	
2,5%	3	8,257E-02	
7,5%	3	9,273E-02	9,273E-02
5%	3		,1131
Sig.		,385	,135

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_0

Duncan^a

Kons	N	Subset for alpha = .05	
		1	
7,5%	3	3,7533	
0%	3	3,9867	
2,5%	3	4,2500	
5%	3	4,3133	
Sig.			,151

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_5

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
0%	3	4,3433	
2,5%	3	4,9567	4,9567
7,5%	3	5,1433	5,1433
5%	3		5,4300
Sig.		,056	,223

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_10

Duncan^a

Kons	N	Subset for alpha = .05	
		1	
2,5%	3	5,5667	
0%	3	6,0367	
5%	3	6,1800	
7,5%	3	6,2033	
Sig.			,119

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean
Sample Size = 3,000.

MENIT_15

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
2,5%	3	5,9433	
0%	3	6,7967	6,7967
7,5%	3		6,8900
5%	3		7,0933
Sig.		,052	,468

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_20

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
2,5%	3	6,5367	
7,5%	3	7,5767	7,5767
0%	3		7,7633
5%	3		7,8633
Sig.		,064	,586

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_25

Duncan^a

Kons	N	Subset for alpha =
		.05
2,5%	3	7,0633
7,5%	3	8,1233
5%	3	8,3900
0%	3	8,4667
Sig.		,055

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_30

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
2,5%	3	7,4767	
7,5%	3	8,6067	8,6067
5%	3	8,6267	8,6267
0%	3		8,8700
Sig.		,063	,635

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_35

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
2,5%	3	8,0133	
7,5%	3	8,8233	8,8233
5%	3	8,8933	8,8933
0%	3		9,3433
Sig.		,094	,294

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_40

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
2,5%	3	8,4300	
7,5%	3	8,9833	8,9833
5%	3	9,1533	9,1533
0%	3		9,5200
Sig.		,124	,237

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_43

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
2,5%	3	9,0700	
7,5%	3	9,2267	9,2267
5%	3	9,2833	9,2833
0%	3		10,0000
Sig.		,583	,072

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_46

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
7,5%	3	9,2333	
2,5%	3	9,2667	
5%	3	9,3000	
0%	3		10,3333
Sig.		,847	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_49

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
7,5%	3	9,2333	
5%	3	9,3000	
2,5%	3	9,4000	
0%	3		10,3333
Sig.		,617	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_52

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
7,5%	3	9,2333	
5%	3	9,3000	
2,5%	3	9,4000	
0%	3		10,3333
Sig.		,617	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_55

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
7,5%	3	9,2333	
5%	3	9,3000	
2,5%	3	9,4000	
0%	3		10,3333
Sig.		,617	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

MENIT_70

Duncan^a

Kons	N	Subset for alpha = .05	
		1	2
5%	3	8,7867	
2,5%	3	9,0033	
7,5%	3	9,0100	
0%	3		9,8567
Sig.		,489	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

General Linear Model

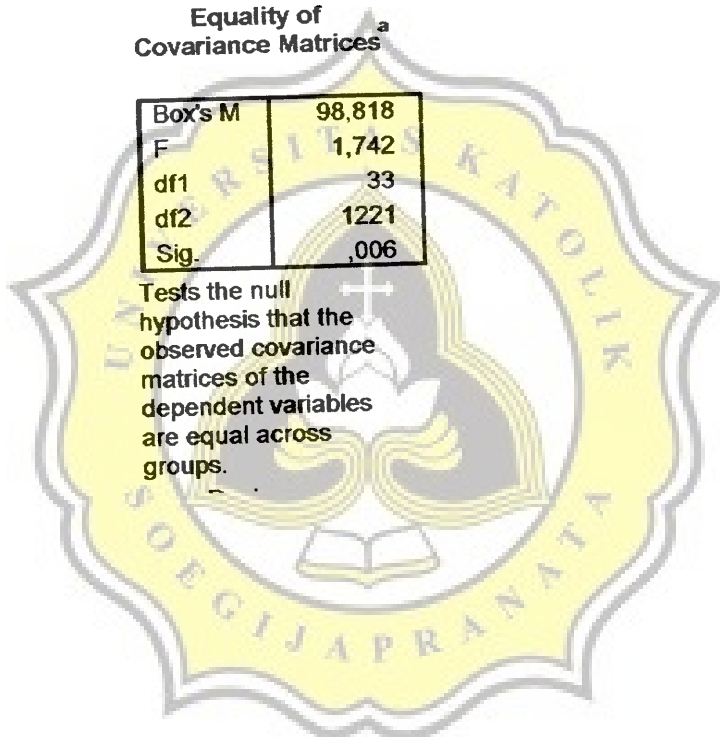
Between-Subjects Factors

		Value Label	N
Kons	1,00	0%	9
	2,00	2.5%	9
	3,00	5%	9
	4,00	7.5%	9
Posisi	1,00	atas	12
	2,00	tengah	12
	3,00	bawah	12

Box's Test of Equality of Covariance Matrices^a

Box's M	98,818
F	1,742
df1	33
df2	1221
Sig.	,006

Tests the null hypothesis that the observed covariance matrices of the dependent variables are equal across groups.



Multivariate Tests^c

Effect		Value	F	Hypothesis df
Intercept	Pillai's Trace	,990	1097,769 ^a	2,000
	Wilks' Lambda	,010	1097,769 ^a	2,000
	Hotelling's Trace	95,458	1097,769 ^a	2,000
	Roy's Largest Root	95,458	1097,769 ^a	2,000
KONS	Pillai's Trace	,662	3,956	6,000
	Wilks' Lambda	,417	4,213 ^a	6,000
	Hotelling's Trace	1,213	4,447	6,000
	Roy's Largest Root	1,030	8,243 ^b	3,000
POSISI	Pillai's Trace	,788	7,799	4,000
	Wilks' Lambda	,346	8,040 ^a	4,000
	Hotelling's Trace	1,499	8,247	4,000
	Roy's Largest Root	1,168	14,011 ^b	2,000
KONS * POSISI	Pillai's Trace	,296	,696	12,000
	Wilks' Lambda	,723	,675 ^a	12,000
	Hotelling's Trace	,357	,654	12,000
	Roy's Largest Root	,251	1,005 ^b	6,000



Multivariate Tests^c

Effect		Error df	Sig.
Intercept	Pillai's Trace	23,000	,000
	Wilks' Lambda	23,000	,000
	Hotelling's Trace	23,000	,000
	Roy's Largest Root	23,000	,000
KONS	Pillai's Trace	48,000	,003
	Wilks' Lambda	46,000	,002
	Hotelling's Trace	44,000	,001
	Roy's Largest Root	24,000	,001
POSISI	Pillai's Trace	48,000	,000
	Wilks' Lambda	46,000	,000
	Hotelling's Trace	44,000	,000
	Roy's Largest Root	24,000	,000
KONS * POSISI	Pillai's Trace	48,000	,747
	Wilks' Lambda	46,000	,766
	Hotelling's Trace	44,000	,784
	Roy's Largest Root	24,000	,445

- a. Exact statistic
 b. The statistic is an upper bound on F that yields a lower bound on the significance level.
 c. Design: Intercept+KONS+POSISI+KONS * POSISI

Levene's Test of Equality of Error Variances^a

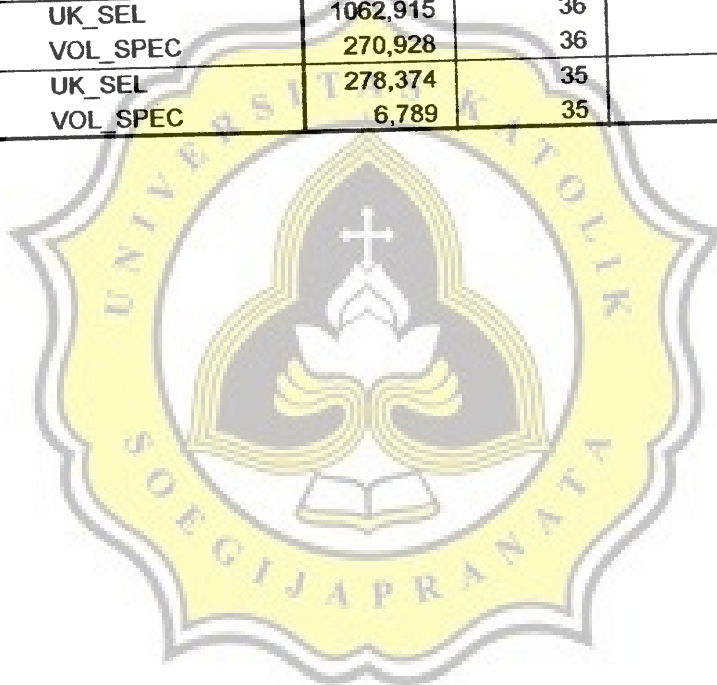
	F	df1	df2	Sig.
UK_SEL	5,875	11	24	,000
VOL_SPEC	2,316	11	24	,041

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

- a. Design: Intercept+KONS+POSISI+KONS * POSISI

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square
Corrected Model	UK_SEL	169,235 ^a	11	15,385
	VOL_SPEC	3,944 ^b	11	,359
Intercept	UK_SEL	784,541	1	784,541
	VOL_SPEC	264,139	1	264,139
KONS	UK_SEL	35,160	3	11,720
	VOL_SPEC	2,316	3	,772
POSISI	UK_SEL	119,793	2	59,896
	VOL_SPEC	1,022	2	,511
KONS * POSISI	UK_SEL	14,282	6	2,380
	VOL_SPEC	,605	6	,101
Error	UK_SEL	109,139	24	4,547
	VOL_SPEC	2,845	24	,119
Total	UK_SEL	1062,915	36	
	VOL_SPEC	270,928	36	
Corrected Total	UK_SEL	278,374	35	
	VOL_SPEC	6,789	35	



Tests of Between-Subjects Effects

Source	Dependent Variable	F	Sig.
Corrected Model	UK_SEL	3,383	,006
	VOL_SPEC	3,024	,011
Intercept	UK_SEL	172,523	,000
	VOL_SPEC	2228,075	,000
KONS	UK_SEL	2,577	,077
	VOL_SPEC	6,513	,002
POSISI	UK_SEL	13,171	,000
	VOL_SPEC	4,311	,025
KONS * POSISI	UK_SEL	,523	,785
	VOL_SPEC	,850	,544
Error	UK_SEL		
	VOL_SPEC		
Total	UK_SEL		
	VOL_SPEC		
Corrected Total	UK_SEL		
	VOL_SPEC		

a. R Squared = ,608 (Adjusted R Squared = ,428)

b. R Squared = ,581 (Adjusted R Squared = ,389)

Estimated Marginal Means

1. Grand Mean

Dependent Variable	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
UK_SEL	4,668	,355	3,935	5,402
VOL_SPEC	2,709	,057	2,590	2,827

2. Kons

Dependent Variable	Kons	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
UK_SEL	0%	4,560	,711	3,093	6,027
	2.5%	3,386	,711	1,919	4,853
	5%	4,563	,711	3,096	6,030
	7.5%	6,165	,711	4,697	7,632
VOL_SPEC	0%	3,085	,115	2,848	3,322
	2.5%	2,707	,115	2,470	2,944
	5%	2,673	,115	2,436	2,910
	7.5%	2,370	,115	2,133	2,607

3. Posisi

Dependent Variable	Posisi	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
UK_SEL	atas	7,246	,616	5,976	8,517
	tengah	3,292	,616	2,021	4,562
	bawah	3,467	,616	2,197	4,738
VOL_SPEC	atas	2,659	,099	2,453	2,864
	tengah	2,532	,099	2,327	2,737
	bawah	2,936	,099	2,730	3,141

4. Kons * Posisi

Dependent Variable	Kons	Posisi	Mean	Std. Error
UK_SEL	0%	atas	8,449	1,231
		tengah	2,518	1,231
		bawah	2,713	1,231
	2.5%	atas	5,038	1,231
		tengah	2,330	1,231
		bawah	2,789	1,231
	5%	atas	6,507	1,231
		tengah	3,765	1,231
		bawah	3,418	1,231
7.5%	atas	8,991	1,231	
	tengah	4,555	1,231	
	bawah	4,948	1,231	
VOL_SPEC	0%	atas	3,051	,199
		tengah	2,849	,199
		bawah	3,354	,199
	2.5%	atas	2,826	,199
		tengah	2,496	,199
		bawah	2,800	,199
	5%	atas	2,491	,199
		tengah	2,391	,199
		bawah	3,137	,199
	7.5%	atas	2,267	,199
		tengah	2,392	,199
		bawah	2,450	,199

Post Hoc Tests

Kons

Homogeneous Subsets

UK_SEL

Duncan^{a,b}

Kons	N	Subset	
		1	2
2.5%	9	3,3856	
0%	9	4,5598	4,5598
5%	9	4,5632	4,5632
7.5%	9		6,1645
Sig.		,280	,144

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 4,547.

- a. Uses Harmonic Mean Sample Size = 9,000.
- b. Alpha = ,05.

Duncan^{a,b}

Kons	N	Subset	
		1	2
7.5%	9	2,3701	
5%	9	2,6727	
2.5%	9	2,7073	
0%	9		3,0848
Sig.		,060	1,000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = ,119.

- a. Uses Harmonic Mean Sample Size = 9,000.
- b. Alpha = ,05.

Homogeneous Subsets

UK_SEL

Duncan^{a,b}

Posisi	N	Subset	
		1	2
tengah	12	3,2917	
bawah	12	3,4670	
atas	12		7,2460
Sig.		,842	1,000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 4,547.

a. Uses Harmonic Mean Sample Size = 12,000.

b. Alpha = ,05.

VOL_SPEC

Duncan^{a,b}

Posisi	N	Subset	
		1	2
tengah	12	2,5320	
atas	12	2,6586	2,6586
bawah	12		2,9355
Sig.		,377	,060

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = ,119.

a. Uses Harmonic Mean Sample Size = 12,000.

b. Alpha = ,05.