Perpustakaan Unika

7. LAMPIRAN

7.1. Kuesioner Penentuan Jenis *Pound Cake*

KUESIONER

Tempat dan Tanggal Pelaksanaan :

Identitas Responden

Nama :
Usia :
Jenis kelamin : L / P
Alamat :
Pendidikan :

Minat terhadap Produk

Apakah Anda mengetahui / mengenal produk *bakery* seperti *muffin*, *cake* atau *brownies*?

a. Ya b. Tidak

Apakah Anda menyukai produk *bakery* seperti *muffin*, *cake* atau *brownies*?

a. Ya b. Tidak

Apakah Anda menyukai jika tepung *oat* ditambahkan ke dalam produk *bakery*?

a. Ya b. Tidak

Jika tepung *oat* ditambahkan ke dalam produk *bakery* di bawah ini, pilihlah satu produk yang Anda sukai dengan memberi huruf (X)

a. *Muffin*
b. *Vegetable Cake*
c. *Brownies*

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7.2. Kuesioner Penentuan Maksimal Kadar *Oat Bran* 22%

UJI HEDONIK

Nama : Tanggal:
Produk : *Healthy Brownies*
Penilaian untuk : *Overall*

Instruksi :
Di hadapan Anda terdapat 1 sampel *brownies*. Cicipilah sampel tersebut dengan menggigitnya menggunakan gigi geraham. Setelah mencicipi sampel tersebut, nilailah sampel dengan memberikan nilai 1 (sangat tidak suka) sampai 5 (sangat suka).

Sampel	**Score**

Terima Kasih

Keterangan:
1 = sangat tidak suka
2 = tidak suka
3 = netral
4 = suka
5 = sangat suka

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7.3. *Worksheet* Uji Sensori (Uji Ranking Hedonik)

Worksheet Uji Ranking Hedonik

Tanggal uji :
Jenis sampel : *Brownies*

Identifikasi sampel:	**Kode**
Brownies tanpa substitusi dengan *oat bran* 22%	A
Brownies dengan substitusi 7,5% dengan *oat bran* 22%	B
Brownies dengan substitusi 15% dengan *oat bran* 22%	C
Brownies dengan substitusi 22,5% dengan *oat bran* 22%	D
Brownies dengan substitusi 30% dengan *oat bran* 22%	E

Kode kombinasi urutan penyajian:

ABCDE= 1	AECBD= 11	BCDAE= 21
ABCED= 2	AEDCB= 12	BCADE= 22
ABECD= 3	BADCE= 13	BACDE= 23
AEBCD= 4	BAEDC= 14	BEDCA= 24
ACBDE= 5	BDACE= 15	CDAEB= 25
ACBED= 6	BDECA= 16	CDABE= 26
ACEBD= 7	BDCAE= 17	DABCE= 27
ADBCE= 8	BEACD= 18	DBCEA= 28
ADECB= 9	BECDA= 19	DBACE= 29
ADCEB= 10	BCDEA= 20	EABCD= 30

Penyajian:

Panelis	*Kode sampel*				*urutan penyajian*
#01	742	226	421	975	116 [1]
#02	712	859	138	721	117 [2]
#03	975	663	397	797	135 [3]
#04	555	896	478	398	752 [4]
#05	314	667	295	862	671 [5]
#06	272	861	274	882	171 [6]
#07	226	926	458	774	821 [7]
#08	345	365	522	439	372 [8]
#09	269	174	898	969	119 [9]
#10	847	574	477	113	585 [10]
#11	859	721	232	572	549 [11]
#12	226	478	396	593	113 [12]
#13	975	478	311	859	132 [13]
#14	861	862	374	122	712 [14]
#15	421	721	155	688	145 [15]
#16	556	975	522	244	537 [16]
#17	988	721	137	396	171 [17]
#18	169	572	549	113	345 [18]

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#19	394	174	667	969	452 [19]
#20	862	477	882	655	165 [20]
#21	339	721	365	116	323 [21]
#22	338	969	511	477	999 [22]
#23	788	396	525	721	871 [23]
#24	972	721	932	174	725 [24]
#25	128	572	396	792	222 [25]
#26	563	174	355	113	651 [26]
#27	562	882	721	448	377 [27]
#28	587	969	932	174	612 [28]
#29	118	396	957	572	444 [29]
#30	931	174	777	721	225 [30]

Rekap kode sampel:

Sampel A	742	712	975	555	314	272	226	345	269	847
	859	226	478	862	155	537	396	549	452	165
	116	511	396	725	396	355	882	612	957	174
Sampel B	226	859	663	478	295	274	774	522	119	585
	572	113	975	861	421	556	988	169	394	862
	339	338	788	972	222	113	721	969	396	777
Sampel C	421	138	797	398	667	861	926	439	969	477
	232	593	859	712	688	244	137	113	667	477
	721	969	525	174	128	563	448	932	572	721
Sampel D	975	117	135	752	862	171	821	365	174	574
	549	396	311	122	721	975	721	345	969	882
	365	477	721	932	572	174	562	587	118	225
Sampel E	116	721	397	896	671	882	458	372	898	113
	721	478	132	374	145	522	171	572	174	655
	323	999	871	721	792	651	377	174	444	931

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7.4. *Scoresheet* Uji Sensori (Uji Ranking Hedonik)

UJI RANKING HEDONIK

Nama : Tanggal:
Produk : *Brownies*
Atribut : Warna

Instruksi :
Di hadapan Anda terdapat 5 sampel *brownies*. Amati dan bandingkan sampel secara berturutan dari kiri ke kanan, lihatlah masing–masing. Setelah melihat semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling Anda tidak sukai (=1) hingga sampel yang paling Anda sukai (=5).

Sampel	**Ranking (jangan ada yang dobel)**
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Terima Kasih

Keterangan:
1 = Sangat tidak suka
2 = Tidak suka
3 = Netral
4 = Suka
5 = Sangat suka

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UJI RANKING HEDONIK

Nama : Tanggal:
Produk : *Brownies*
Atribut : Aroma

Instruksi :
Di hadapan Anda terdapat 5 sampel *brownies*. Bandingkan sampel secara berturutan dari kiri ke kanan, bauilah masing–masing. Setelah membaui semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling Anda tidak sukai (=1) hingga sampel yang paling Anda sukai (=5).

Sampel	**Ranking (jangan ada yang dobel)**
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Terima Kasih

Keterangan:
1 = Sangat tidak suka
2 = Tidak suka
3 = Netral
4 = Suka
5 = Sangat suka

Perpustakaan Unika

UJI RANKING HEDONIK

Nama : Tanggal:
Produk : *Brownies*
Atribut : Tekstur

Instruksi :
Berkumur-kumurlah dahulu sebelum menguji masing-masing sampel.
Di hadapan Anda terdapat 5 sampel *brownies*. Cicipi sampel secara berturutan dari kiri ke kanan, rasakan tekstur masing–masing. Setelah mencicipi 1 sampel dan merasakannya, minumlah air putih dan berikan jeda. Kemudian lanjutkan ke sampel berikutnya, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling Anda tidak sukai (=1) hingga sampel yang paling Anda sukai (=5).

Sampel	**Ranking (jangan ada yang dobel)**
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Terima Kasih

Keterangan:
1 = Sangat tidak suka
2 = Tidak suka
3 = Netral
4 = Suka
5 = Sangat suka

Perpustakaan Unika

UJI RANKING HEDONIK

Nama : Tanggal:
Produk : *Brownies*
Atribut : Rasa

Instruksi :
Berkumur-kumurlah dahulu sebelum menguji masing-masing sampel.
Di hadapan Anda terdapat 5 sampel *brownies*. Cicipi sampel secara berturutan dari kiri ke kanan, rasakan masing–masing. Setelah mencicipi 1 sampel dan merasakannya, minumlah air putih dan berikan jeda. Kemudian lanjutkan ke sampel berikutnya, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling Anda tidak sukai (=1) hingga sampel yang paling Anda sukai (=5).

Sampel	**Ranking (jangan ada yang dobel)**
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Terima Kasih

Keterangan:
1 = Sangat tidak suka
2 = Tidak suka
3 = Netral
4 = Suka
5 = Sangat suka

Perpustakaan Unika

UJI RANKING HEDONIK

Nama : Tanggal:
Produk : *Brownies*
Atribut : *Overall*

Instruksi :
Di hadapan Anda terdapat 5 sampel *brownies*. Setelah Anda melakukan uji sensori semua atribut, lihatlah penampilan keseluruhan dari semua atribut yang terdapat pada sampel secara berturutan dari kiri ke kanan. Berilah penilaian *overall* sampel dari yang paling Anda tidak sukai (=1) hingga sampel yang paling Anda sukai (=5).

Sampel	**Ranking (jangan ada yang dobel)**
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Terima Kasih

Keterangan:
1 = Sangat tidak suka
2 = Tidak suka
3 = Netral
4 = Suka
5 = Sangat suka

Perpustakaan Unika

7.5. Analisa Data

Descriptives

	Perlakuan			Statistic	Std. Error
KAbu	0%	Mean		2.0320	.03021
		95% Confidence Interval for Mean	Lower Bound	1.9544	
			Upper Bound	2.1097	
		5% Trimmed Mean		2.0332	
		Median		2.0449	
		Variance		.005	
		Std. Deviation		.07399	
		Minimum		1.91	
		Maximum		2.13	
		Range		.22	
		Interquartile Range		.11	
		Skewness		-.599	.845
		Kurtosis		1.129	1.741
	7.5%	Mean		2.0784	.03438
		95% Confidence Interval for Mean	Lower Bound	1.9900	
			Upper Bound	2.1668	
		5% Trimmed Mean		2.0790	
		Median		2.0892	
		Variance		.007	
		Std. Deviation		.08422	
		Minimum		1.99	
		Maximum		2.16	
		Range		.18	
		Interquartile Range		.17	
		Skewness		-.133	.845
		Kurtosis		-2.919	1.741
	15%	Mean		2.1610	.03344
		95% Confidence Interval for Mean	Lower Bound	2.0750	
			Upper Bound	2.2469	
		5% Trimmed Mean		2.1579	
		Median		2.1274	
		Variance		.007	
		Std. Deviation		.08191	
		Minimum		2.09	
		Maximum		2.28	
		Range		.19	
		Interquartile Range		.15	
		Skewness		.822	.845
		Kurtosis		-1.322	1.741
	22.5%	Mean		2.1733	.03095
		95% Confidence Interval for Mean	Lower Bound	2.0937	
			Upper Bound	2.2528	
		5% Trimmed Mean		2.1715	
		Median		2.1682	
		Variance		.006	
		Std. Deviation		.07580	
		Minimum		2.09	
		Maximum		2.28	
		Range		.19	
		Interquartile Range		.15	
		Skewness		.386	.845
		Kurtosis		-1.354	1.741
	30%	Mean		2.4762	.04390
		95% Confidence Interval for Mean	Lower Bound	2.3634	
			Upper Bound	2.5891	
		5% Trimmed Mean		2.4751	
		Median		2.4629	
		Variance		.012	
		Std. Deviation		.10753	
		Minimum		2.34	
		Maximum		2.63	
		Range		.29	
		Interquartile Range		.20	
		Skewness		.316	.845
		Kurtosis		-1.131	1.741

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Descriptives

	Perlakuan			Statistic	Std. Error
KAir	0%	Mean		21.9982	.19265
		95% Confidence Interval for Mean	Lower Bound	21.5030	
			Upper Bound	22.4934	
		5% Trimmed Mean		22.0048	
		Median		22.0330	
		Variance		.223	
		Std. Deviation		.47190	
		Minimum		21.20	
		Maximum		22.67	
		Range		1.47	
		Interquartile Range		.50	
		Skewness		-.551	.845
		Kurtosis		2.373	1.741
	7,5%	Mean		21.3715	.06057
		95% Confidence Interval for Mean	Lower Bound	21.2158	
			Upper Bound	21.5272	
		5% Trimmed Mean		21.3728	
		Median		21.3829	
		Variance		.022	
		Std. Deviation		.14837	
		Minimum		21.16	
		Maximum		21.56	
		Range		.40	
		Interquartile Range		.26	
		Skewness		-.237	.845
		Kurtosis		-.985	1.741
	15%	Mean		19.9800	.05306
		95% Confidence Interval for Mean	Lower Bound	19.8436	
			Upper Bound	20.1164	
		5% Trimmed Mean		19.9812	
		Median		19.9848	
		Variance		.017	
		Std. Deviation		.12997	
		Minimum		19.78	
		Maximum		20.15	
		Range		.37	
		Interquartile Range		.22	
		Skewness		-.283	.845
		Kurtosis		.019	1.741
	22,5%	Mean		19.2441	.07553
		95% Confidence Interval for Mean	Lower Bound	19.0500	
			Upper Bound	19.4383	
		5% Trimmed Mean		19.2514	
		Median		19.2682	
		Variance		.034	
		Std. Deviation		.18501	
		Minimum		18.90	
		Maximum		19.45	
		Range		.55	
		Interquartile Range		.23	
		Skewness		-1.372	.845
		Kurtosis		2.895	1.741
	30%	Mean		18.2476	.15371
		95% Confidence Interval for Mean	Lower Bound	17.8525	
			Upper Bound	18.6427	
		5% Trimmed Mean		18.2346	
		Median		18.2137	
		Variance		.142	
		Std. Deviation		.37651	
		Minimum		17.84	
		Maximum		18.89	
		Range		1.05	
		Interquartile Range		.61	
		Skewness		.934	.845
		Kurtosis		.904	1.741

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Descriptives

	Perlakuan			Statistic	Std. Error
KPro	0%	Mean		6.1115	.03656
		95% Confidence Interval for Mean	Lower Bound	6.0175	
			Upper Bound	6.2055	
		5% Trimmed Mean		6.1164	
		Median		6.1255	
		Variance		.008	
		Std. Deviation		.08954	
		Minimum		5.94	
		Maximum		6.19	
		Range		.25	
		Interquartile Range		.12	
		Skewness		-1.598	.845
		Kurtosis		3.047	1.741
	7,5%	Mean		6.1938	.03050
		95% Confidence Interval for Mean	Lower Bound	6.1154	
			Upper Bound	6.2722	
		5% Trimmed Mean		6.1935	
		Median		6.2016	
		Variance		.006	
		Std. Deviation		.07470	
		Minimum		6.11	
		Maximum		6.29	
		Range		.18	
		Interquartile Range		.15	
		Skewness		-.133	.845
		Kurtosis		-1.970	1.741
	15%	Mean		6.4594	.01123
		95% Confidence Interval for Mean	Lower Bound	6.4306	
			Upper Bound	6.4883	
		5% Trimmed Mean		6.4608	
		Median		6.4630	
		Variance		.001	
		Std. Deviation		.02750	
		Minimum		6.41	
		Maximum		6.49	
		Range		.08	
		Interquartile Range		.04	
		Skewness		-1.441	.845
		Kurtosis		2.490	1.741
	22,5%	Mean		6.7292	.04722
		95% Confidence Interval for Mean	Lower Bound	6.6078	
			Upper Bound	6.8506	
		5% Trimmed Mean		6.7286	
		Median		6.7141	
		Variance		.013	
		Std. Deviation		.11567	
		Minimum		6.61	
		Maximum		6.86	
		Range		.26	
		Interquartile Range		.24	
		Skewness		.214	.845
		Kurtosis		-2.447	1.741
	30%	Mean		6.9723	.06037
		95% Confidence Interval for Mean	Lower Bound	6.8171	
			Upper Bound	7.1274	
		5% Trimmed Mean		6.9689	
		Median		6.9696	
		Variance		.022	
		Std. Deviation		.14786	
		Minimum		6.81	
		Maximum		7.19	
		Range		.38	
		Interquartile Range		.29	
		Skewness		.379	.845
		Kurtosis		-.686	1.741

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Descriptives

	Perlakuan			Statistic	Std. Error
Lemak	0%	Mean		14.5954	.13423
		95% Confidence Interval for Mean	Lower Bound	14.2504	
			Upper Bound	14.9405	
		5% Trimmed Mean		14.5896	
		Median		14.5518	
		Variance		.108	
		Std. Deviation		.32879	
		Minimum		14.19	
		Maximum		15.10	
		Range		.91	
		Interquartile Range		.59	
		Skewness		.526	.845
		Kurtosis		-.301	1.741
	7,5%	Mean		18.4181	.10699
		95% Confidence Interval for Mean	Lower Bound	18.1431	
			Upper Bound	18.6932	
		5% Trimmed Mean		18.4148	
		Median		18.3875	
		Variance		.069	
		Std. Deviation		.26208	
		Minimum		18.08	
		Maximum		18.81	
		Range		.73	
		Interquartile Range		.47	
		Skewness		.395	.845
		Kurtosis		-.406	1.741
	15%	Mean		18.7099	.25406
		95% Confidence Interval for Mean	Lower Bound	18.0568	
			Upper Bound	19.3630	
		5% Trimmed Mean		18.7388	
		Median		19.0147	
		Variance		.387	
		Std. Deviation		.62233	
		Minimum		17.69	
		Maximum		19.21	
		Range		1.51	
		Interquartile Range		1.09	
		Skewness		-1.140	.845
		Kurtosis		-.343	1.741
	22,5%	Mean		19.1305	.17648
		95% Confidence Interval for Mean	Lower Bound	18.6768	
			Upper Bound	19.5842	
		5% Trimmed Mean		19.1549	
		Median		19.3326	
		Variance		.187	
		Std. Deviation		.43230	
		Minimum		18.37	
		Maximum		19.45	
		Range		1.08	
		Interquartile Range		.70	
		Skewness		-1.383	.845
		Kurtosis		.961	1.741
	30%	Mean		20.7818	.33306
		95% Confidence Interval for Mean	Lower Bound	19.9256	
			Upper Bound	21.6379	
		5% Trimmed Mean		20.7938	
		Median		20.8477	
		Variance		.666	
		Std. Deviation		.81583	
		Minimum		19.44	
		Maximum		21.91	
		Range		2.47	
		Interquartile Range		1.13	
		Skewness		-.532	.845
		Kurtosis		1.509	1.741

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Descriptives

	Perlakuan			Statistic	Std. Error
Serat_Larut	0%	Mean		31.4724	.39777
		95% Confidence Interval for Mean	Lower Bound	30.4499	
			Upper Bound	32.4949	
		5% Trimmed Mean		31.4607	
		Median		31.5377	
		Variance		.949	
		Std. Deviation		.97433	
		Minimum		30.37	
		Maximum		32.78	
		Range		2.41	
		Interquartile Range		1.93	
		Skewness		.046	.845
		Kurtosis		-1.608	1.741
	7,5%	Mean		32.3036	.34675
		95% Confidence Interval for Mean	Lower Bound	31.4123	
			Upper Bound	33.1950	
		5% Trimmed Mean		32.2965	
		Median		32.3696	
		Variance		.721	
		Std. Deviation		.84936	
		Minimum		31.19	
		Maximum		33.55	
		Range		2.36	
		Interquartile Range		1.45	
		Skewness		.144	.845
		Kurtosis		-.568	1.741
	15%	Mean		30.6263	.27921
		95% Confidence Interval for Mean	Lower Bound	29.9085	
			Upper Bound	31.3440	
		5% Trimmed Mean		30.6286	
		Median		30.5650	
		Variance		.468	
		Std. Deviation		.68392	
		Minimum		29.85	
		Maximum		31.36	
		Range		1.51	
		Interquartile Range		1.30	
		Skewness		.032	.845
		Kurtosis		-2.840	1.741
	22,5%	Mean		30.5626	.40442
		95% Confidence Interval for Mean	Lower Bound	29.5230	
			Upper Bound	31.6022	
		5% Trimmed Mean		30.5361	
		Median		30.1121	
		Variance		.981	
		Std. Deviation		.99062	
		Minimum		29.66	
		Maximum		31.94	
		Range		2.28	
		Interquartile Range		1.94	
		Skewness		.857	.845
		Kurtosis		-1.702	1.741
	30%	Mean		28.8738	.57030
		95% Confidence Interval for Mean	Lower Bound	27.4078	
			Upper Bound	30.3398	
		5% Trimmed Mean		28.9020	
		Median		29.0627	
		Variance		1.951	
		Std. Deviation		1.39693	
		Minimum		26.97	
		Maximum		30.26	
		Range		3.29	
		Interquartile Range		2.56	
		Skewness		-.308	.845
		Kurtosis		-2.244	1.741

Perpustakaan Unika

Descriptives

	Perlakuan			Statistic	Std. Error
Baking_Loss	0%	Mean		4,8287	,16191
		95% Confidence Interval for Mean	Lower Bound	4,4124	
			Upper Bound	5,2449	
		5% Trimmed Mean		4,8402	
		Median		4,8712	
		Variance		,157	
		Std. Deviation		,39660	
		Minimum		4,20	
		Maximum		5,25	
		Range		1,05	
		Interquartile Range		,62	
		Skewness		-,677	,845
		Kurtosis		-,544	1,741
	7,5%	Mean		4,8788	,15628
		95% Confidence Interval for Mean	Lower Bound	4,4771	
			Upper Bound	5,2805	
		5% Trimmed Mean		4,8771	
		Median		4,8775	
		Variance		,147	
		Std. Deviation		,38280	
		Minimum		4,39	
		Maximum		5,40	
		Range		1,01	
		Interquartile Range		,62	
		Skewness		,094	,845
		Kurtosis		-1,608	1,741
	15%	Mean		5,0448	,12279
		95% Confidence Interval for Mean	Lower Bound	4,7291	
			Upper Bound	5,3604	
		5% Trimmed Mean		5,0575	
		Median		5,0832	
		Variance		,090	
		Std. Deviation		,30079	
		Minimum		4,50	
		Maximum		5,36	
		Range		,86	
		Interquartile Range		,43	
		Skewness		-1,321	,845
		Kurtosis		2,330	1,741
	22,5%	Mean		5,6013	,16561
		95% Confidence Interval for Mean	Lower Bound	5,1756	
			Upper Bound	6,0271	
		5% Trimmed Mean		5,5924	
		Median		5,6250	
		Variance		,165	
		Std. Deviation		,40567	
		Minimum		5,16	
		Maximum		6,20	
		Range		1,04	
		Interquartile Range		,73	
		Skewness		,320	,845
		Kurtosis		-1,110	1,741
	30%	Mean		5,6852	,23154
		95% Confidence Interval for Mean	Lower Bound	5,0900	
			Upper Bound	6,2803	
		5% Trimmed Mean		5,6858	
		Median		5,6764	
		Variance		,322	
		Std. Deviation		,56715	
		Minimum		4,90	
		Maximum		6,46	
		Range		1,56	
		Interquartile Range		,88	
		Skewness		-,028	,845
		Kurtosis		-,993	1,741

Perpustakaan Unika

Descriptives

	Perlakuan			Statistic	Std. Error
Hardness	0%	Mean		123.9160	.60019
		95% Confidence Interval for Mean	Lower Bound	122.3732	
			Upper Bound	125.4588	
		5% Trimmed Mean		123.9423	
		Median		124.4245	
		Variance		2.161	
		Std. Deviation		1.47016	
		Minimum		121.58	
		Maximum		125.78	
		Range		4.20	
		Interquartile Range		2.23	
		Skewness		-.667	.845
		Kurtosis		.213	1.741
	7,5%	Mean		137.6376	1.36165
		95% Confidence Interval for Mean	Lower Bound	134.1373	
			Upper Bound	141.1378	
		5% Trimmed Mean		137.5824	
		Median		137.2570	
		Variance		11.125	
		Std. Deviation		3.33536	
		Minimum		132.92	
		Maximum		143.35	
		Range		10.43	
		Interquartile Range		3.29	
		Skewness		.654	.845
		Kurtosis		2.566	1.741
	15%	Mean		214.2480	.75783
		95% Confidence Interval for Mean	Lower Bound	212.2999	
			Upper Bound	216.1961	
		5% Trimmed Mean		214.1592	
		Median		213.8022	
		Variance		3.446	
		Std. Deviation		1.85631	
		Minimum		212.58	
		Maximum		217.51	
		Range		4.93	
		Interquartile Range		3.11	
		Skewness		1.249	.845
		Kurtosis		1.351	1.741
	22,5%	Mean		222.3406	2.14028
		95% Confidence Interval for Mean	Lower Bound	216.8389	
			Upper Bound	227.8424	
		5% Trimmed Mean		222.3551	
		Median		222.5316	
		Variance		27.485	
		Std. Deviation		5.24260	
		Minimum		214.95	
		Maximum		229.47	
		Range		14.52	
		Interquartile Range		8.46	
		Skewness		-.080	.845
		Kurtosis		-.837	1.741
	30%	Mean		247.4561	3.53405
		95% Confidence Interval for Mean	Lower Bound	238.3715	
			Upper Bound	256.5406	
		5% Trimmed Mean		247.5959	
		Median		246.8307	
		Variance		74.937	
		Std. Deviation		8.65661	
		Minimum		233.17	
		Maximum		259.23	
		Range		26.06	
		Interquartile Range		11.64	
		Skewness		-.528	.845
		Kurtosis		1.433	1.741

Perpustakaan Unika

Descriptives

	Perlakuan			Statistic	Std. Error
Vol	0%	Mean		120,4804	,32650
		95% Confidence Interval for Mean	Lower Bound	119,6411	
			Upper Bound	121,3197	
		5% Trimmed Mean		120,4815	
		Median		120,2564	
		Variance		,640	
		Std. Deviation		,79976	
		Minimum		119,51	
		Maximum		121,43	
		Range		1,92	
		Interquartile Range		1,55	
		Skewness		,338	,845
		Kurtosis		-1,798	1,741
	7,5%	Mean		112,5028	,73389
		95% Confidence Interval for Mean	Lower Bound	110,6163	
			Upper Bound	114,3893	
		5% Trimmed Mean		112,5108	
		Median		112,5000	
		Variance		3,232	
		Std. Deviation		1,79765	
		Minimum		110,23	
		Maximum		114,63	
		Range		4,41	
		Interquartile Range		3,66	
		Skewness		-,041	,845
		Kurtosis		-1,904	1,741
	15%	Mean		92,1598	,52473
		95% Confidence Interval for Mean	Lower Bound	90,8109	
			Upper Bound	93,5087	
		5% Trimmed Mean		92,1879	
		Median		92,1538	
		Variance		1,652	
		Std. Deviation		1,28532	
		Minimum		90,00	
		Maximum		93,81	
		Range		3,81	
		Interquartile Range		1,83	
		Skewness		-,705	,845
		Kurtosis		1,384	1,741
	22,5%	Mean		81,1349	,35007
		95% Confidence Interval for Mean	Lower Bound	80,2350	
			Upper Bound	82,0348	
		5% Trimmed Mean		81,1726	
		Median		81,3163	
		Variance		,735	
		Std. Deviation		,85749	
		Minimum		79,59	
		Maximum		82,00	
		Range		2,41	
		Interquartile Range		1,11	
		Skewness		-1,327	,845
		Kurtosis		1,977	1,741
	30%	Mean		64,3106	,68473
		95% Confidence Interval for Mean	Lower Bound	62,5504	
			Upper Bound	66,0707	
		5% Trimmed Mean		64,3556	
		Median		64,7678	
		Variance		2,813	
		Std. Deviation		1,67724	
		Minimum		61,74	
		Maximum		66,07	
		Range		4,33	
		Interquartile Range		2,97	
		Skewness		-,687	,845
		Kurtosis		-,966	1,741

Perpustakaan Unika

Tests of Normality

	Perlakuan	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
KAbu	0%	.209	6	.200*	.962	6	.833
	7.5%	.284	6	.141	.809	6	.071
	15%	.272	6	.189	.836	6	.121
	22.5%	.177	6	.200*	.925	6	.540
	30%	.139	6	.200*	.972	6	.907

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

a. Lilliefors Significance Correction

Tests of Normality

	Perlakuan	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
KAir	0%	.283	6	.146	.903	6	.391
	7,5%	.163	6	.200*	.980	6	.954
	15%	.123	6	.200*	.994	6	.997
	22,5%	.291	6	.122	.883	6	.284
	30%	.181	6	.200*	.939	6	.652

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

a. Lilliefors Significance Correction

Tests of Normality

	Perlakuan	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
KPro	0%	.282	6	.147	.837	6	.122
	7,5%	.204	6	.200*	.908	6	.421
	15%	.275	6	.174	.870	6	.227
	22,5%	.219	6	.200*	.863	6	.199
	30%	.184	6	.200*	.933	6	.600

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

a. Lilliefors Significance Correction

Tests of Normality

	Perlakuan	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Lemak	0%	.201	6	.200*	.968	6	.876
	7,5%	.208	6	.200*	.971	6	.896
	15%	.296	6	.108	.815	6	.080
	22,5%	.292	6	.119	.803	6	.063
	30%	.193	6	.200*	.957	6	.798

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

a. Lilliefors Significance Correction

Perpustakaan Unika

Tests of Normality

	Perlakuan	Kolmogorov-Smirnov[a] Statistic	df	Sig.	Shapiro-Wilk Statistic	df	Sig.
Serat_Larut	0%	.195	6	.200*	.931	6	.585
	7,5%	.140	6	.200*	.981	6	.957
	15%	.278	6	.163	.834	6	.115
	22,5%	.310	6	.073	.813	6	.077
	30%	.271	6	.190	.872	6	.234

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

a. Lilliefors Significance Correction

Tests of Normality

	Perlakuan	Kolmogorov-Smirnov[a] Statistic	df	Sig.	Shapiro-Wilk Statistic	df	Sig.
Baking_Loss	0%	,239	6	,200*	,910	6	,438
	7,5%	,225	6	,200*	,931	6	,586
	15%	,245	6	,200*	,894	6	,339
	22,5%	,182	6	,200*	,922	6	,517
	30%	,205	6	,200*	,955	6	,783

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

a. Lilliefors Significance Correction

Tests of Normality

	Perlakuan	Kolmogorov-Smirnov[a] Statistic	df	Sig.	Shapiro-Wilk Statistic	df	Sig.
Hardness	0%	.302	6	.093	.911	6	.443
	7,5%	.293	6	.118	.876	6	.253
	15%	.251	6	.200*	.875	6	.249
	22,5%	.187	6	.200*	.972	6	.907
	30%	.263	6	.200*	.942	6	.675

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

a. Lilliefors Significance Correction

Tests of Normality

	Perlakuan	Kolmogorov-Smirnov[a] Statistic	df	Sig.	Shapiro-Wilk Statistic	df	Sig.
Vol	0%	,226	6	,200*	,881	6	,273
	7,5%	,173	6	,200*	,936	6	,625
	15%	,234	6	,200*	,953	6	,768
	22,5%	,249	6	,200*	,877	6	,254
	30%	,239	6	,200*	,922	6	,519

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

a. Lilliefors Significance Correction

Perpustakaan Unika

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
KAbu	Based on Mean	.580	4	25	.680
	Based on Median	.505	4	25	.732
	Based on Median and with adjusted df	.505	4	19.529	.733
	Based on trimmed mean	.579	4	25	.681

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
KAir	Based on Mean	1.334	4	25	.285
	Based on Median	1.321	4	25	.289
	Based on Median and with adjusted df	1.321	4	11.390	.320
	Based on trimmed mean	1.339	4	25	.283

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
KPro	Based on Mean	2.654	4	25	.057
	Based on Median	2.511	4	25	.067
	Based on Median and with adjusted df	2.511	4	13.976	.089
	Based on trimmed mean	2.621	4	25	.059

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Lemak	Based on Mean	1.530	4	25	.224
	Based on Median	.778	4	25	.550
	Based on Median and with adjusted df	.778	4	15.901	.555
	Based on trimmed mean	1.406	4	25	.261

Perpustakaan Unika

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Serat_Larut	Based on Mean	2.382	4	25	.079
	Based on Median	1.427	4	25	.254
	Based on Median and with adjusted df	1.427	4	15.533	.272
	Based on trimmed mean	2.317	4	25	.085

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Baking_Loss	Based on Mean	1,453	4	25	,246
	Based on Median	1,473	4	25	,240
	Based on Median and with adjusted df	1,473	4	22,267	,244
	Based on trimmed mean	1,478	4	25	,239

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Hardness	Based on Mean	2.418	4	25	.075
	Based on Median	2.472	4	25	.071
	Based on Median and with adjusted df	2.472	4	9.568	.115
	Based on trimmed mean	2.487	4	25	.069

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Vol	Based on Mean	2,040	4	25	,119
	Based on Median	1,776	4	25	,165
	Based on Median and with adjusted df	1,776	4	20,537	,172
	Based on trimmed mean	2,036	4	25	,120

Perpustakaan Unika

ANOVA

KAbu

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.722	4	.180	24.656	.000
Within Groups	.183	25	.007		
Total	.905	29			

KAbu

Duncan[a]

Perlakuan	N	Subset for alpha = .05		
		1	2	3
0%	6	2.0320		
7.5%	6	2.0784	2.0784	
15%	6		2.1610	
22.5%	6		2.1733	
30%	6			2.4762
Sig.		.356	.080	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

ANOVA

KAir

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	56.250	4	14.063	160.683	.000
Within Groups	2.188	25	.088		
Total	58.438	29			

KAir

Duncan[a]

Perlakuan	N	Subset for alpha = .05				
		1	2	3	4	5
30%	6	18.2476				
22,5%	6		19.2441			
15%	6			19.9800		
7,5%	6				21.3715	
0%	6					21.9982
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Perpustakaan Unika

ANOVA

KPro

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.130	4	.782	78.882	.000
Within Groups	.248	25	.010		
Total	3.378	29			

KPro

Duncan[a]

Perlakuan	N	Subset for alpha = .05			
		1	2	3	4
0%	6	6.1115			
7,5%	6	6.1938			
15%	6		6.4594		
22,5%	6			6.7292	
30%	6				6.9723
Sig.		.165	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

ANOVA

Lemak

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	124.507	4	31.127	109.869	.000
Within Groups	7.083	25	.283		
Total	131.589	29			

Lemak

Duncan[a]

Perlakuan	N	Subset for alpha = .05			
		1	2	3	4
0%	6	14.5954			
7,5%	6		18.4181		
15%	6		18.7099	18.7099	
22,5%	6			19.1305	
30%	6				20.7818
Sig.		1.000	.351	.183	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Perpustakaan Unika

ANOVA

Serat_Larut

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	39.028	4	9.757	9.620	.000
Within Groups	25.356	25	1.014		
Total	64.384	29			

Serat_Larut

Duncan[a]

Perlakuan	N	Subset for alpha = .05		
		1	2	3
30%	6	28.8738		
22,5%	6		30.5626	
15%	6		30.6263	
0%	6		31.4724	31.4724
7,5%	6			32.3036
Sig.		1.000	.151	.165

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

ANOVA

Baking_Loss

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3,968	4	,992	5,633	,002
Within Groups	4,403	25	,176		
Total	8,371	29			

Baking_Loss

Duncan[a]

Perlakuan	N	Subset for alpha = .05	
		1	2
0%	6	4,8287	
7,5%	6	4,8788	
15%	6	5,0448	
22,5%	6		5,6013
30%	6		5,6852
Sig.		,409	,732

Means for groups in homogeneous subsets are displayed.

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

Perpustakaan Unika

ANOVA

Hardness

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	72240.781	4	18060.195	757.854	.000
Within Groups	595.768	25	23.831		
Total	72836.549	29			

Hardness

Duncan[a]

Perlakuan	N	Subset for alpha = .05				
		1	2	3	4	5
0%	6	123.9160				
7,5%	6		137.6376			
15%	6			214.2480		
22,5%	6				222.3406	
30%	6					247.4561
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

ANOVA

Vol

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12563,116	4	3140,779	1731,101	,000
Within Groups	45,358	25	1,814		
Total	12608,474	29			

Vol

Duncan[a]

Perlakuan	N	Subset for alpha = .05				
		1	2	3	4	5
30%	6	64,3106				
22,5%	6		81,1349			
15%	6			92,1598		
7,5%	6				112,5028	
0%	6					120,4804
Sig.		1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

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

Perpustakaan Unika

Correlations

		KA	KAbu	Kpro	KLem	KSer	Hard	Vol	BLos
KA	Pearson Correlation	1	-,751**	-,929**	-,828**	,723**	-,959**	,978**	-,633**
	Sig. (2-tailed)		,000	,000	,000	,000	,000	,000	,000
	N	30	30	30	30	30	30	30	30
KAbu	Pearson Correlation	-,751**	1	,736**	,649**	-,527**	,732**	-,810**	,568**
	Sig. (2-tailed)	,000		,000	,000	,003	,000	,000	,001
	N	30	30	30	30	30	30	30	30
Kpro	Pearson Correlation	-,929**	,736**	1	,793**	-,762**	,911**	-,962**	,637**
	Sig. (2-tailed)	,000	,000		,000	,000	,000	,000	,000
	N	30	30	30	30	30	30	30	30
KLem	Pearson Correlation	-,828**	,649**	,793**	1	-,502**	,813**	-,845**	,458*
	Sig. (2-tailed)	,000	,000	,000		,005	,000	,000	,011
	N	30	30	30	30	30	30	30	30
KSer	Pearson Correlation	,723**	-,527**	-,762**	-,502**	1	-,697**	,714**	-,353
	Sig. (2-tailed)	,000	,003	,000	,005		,000	,000	,056
	N	30	30	30	30	30	30	30	30
Hard	Pearson Correlation	-,959**	,732**	,911**	,813**	-,697**	1	-,968**	,581**
	Sig. (2-tailed)	,000	,000	,000	,000	,000		,000	,001
	N	30	30	30	30	30	30	30	30
Vol	Pearson Correlation	,978**	-,810**	-,962**	-,845**	,714**	-,968**	1	-,633**
	Sig. (2-tailed)	,000	,000	,000	,000	,000	,000		,000
	N	30	30	30	30	30	30	30	30
BLos	Pearson Correlation	-,633**	,568**	,637**	,458*	-,353	,581**	-,633**	1
	Sig. (2-tailed)	,000	,001	,000	,011	,056	,001	,000	
	N	30	30	30	30	30	30	30	30

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Uji Ranking Hedonik

1. Atribut Warna

Ranks

	Mean Rank
A	3.37
B	2.90
C	2.83
D	2.67
E	3.23

Test Statistics[a]

N	30
Chi-Square	4.053
df	4
Asymp. Sig.	.399

a. Friedman Test

Perpustakaan Unika

2. Atribut Bau

Ranks

	Mean Rank
A	3.57
B	2.40
C	2.63
D	3.53
E	2.87

Test Statistics[a]

N	30
Chi-Square	13.413
df	4
Asymp. Sig.	.009

a. Friedman Test

3. Atribut Tekstur

Ranks

	Mean Rank
A	4.10
B	2.57
C	2.63
D	2.77
E	2.93

Test Statistics[a]

N	30
Chi-Square	19.093
df	4
Asymp. Sig.	.001

a. Friedman Test

4. Atribut Rasa

Ranks

	Mean Rank
A	3.57
B	2.40
C	2.73
D	3.20
E	3.10

Perpustakaan Unika

Test Statistics[a]

N	30
Chi-Square	9.627
df	4
Asymp. Sig.	.047

a. Friedman Test

5. Atribut *Overall*

Ranks

	Mean Rank
A	3.43
B	2.33
C	2.77
D	3.30
E	3.17

Test Statistics[a]

N	30
Chi-Square	9.653
df	4
Asymp. Sig.	.047

a. Friedman Test

Tabel Skoring Ranking Hedonik

Kode	Warna	Bau	Tekstur	Rasa	*Overall*
A (0%)	101	107	123	107	103
B (7,5%)	87	72	77	72	70
C (15%)	85	79	79	82	83
D (22,5%)	80	106	83	96	99
E (30%)	97	86	88	93	95

LSD *rank* = 1,96 * √(30*5*6)/6
LSD *rank* = 24,005

Atribut Bau
$R_A = 107$
$R_B = 72$
$R_C = 79$
$R_D = 106$
$R_E = 86$

$R_A - R_B = 35 >$ LSD *rank* ≠
$R_A - R_C = 28 >$ LSD *rank* ≠

Perpustakaan Unika

R_A - R_D = 1 < LSD *rank* =
R_A - R_E = 21 < LSD *rank* =
R_C - R_B = 7 < LSD *rank* =
R_D - R_B = 34 > LSD *rank* ≠
R_E - R_B = 14 < LSD *rank* =
R_D - R_C = 27 > LSD *rank* ≠
R_E - R_C = 7 < LSD *rank* =
R_D - R_E = 20 < LSD *rank* =

Atribut Tekstur
R_A = 123
R_B = 77
R_C = 79
R_D = 83
R_E = 88

R_A - R_B = 46 > LSD *rank* ≠
R_A - R_C = 44 > LSD *rank* ≠
R_A - R_D = 40 > LSD *rank* ≠
R_A - R_E = 35 > LSD *rank* ≠
R_C - R_B = 2 < LSD *rank* =
R_D - R_B = 6 < LSD *rank* =
R_E - R_B = 11 < LSD *rank* =
R_D - R_C = 4 < LSD *rank* =
R_E - R_C = 9 < LSD *rank* =
R_E – R_D = 5 < LSD *rank* =

Atribut Rasa
R_A = 107
R_B = 72
R_C = 82
R_D = 96
R_E = 93

R_A - R_B = 35 > LSD *rank* ≠
R_A - R_C = 25 > LSD *rank* ≠
R_A - R_D = 11 < LSD *rank* =
R_A - R_E = 14 < LSD *rank* =
R_C - R_B = 3 < LSD *rank* =
R_D - R_B = 24 < LSD *rank* =
R_E - R_B = 21 < LSD *rank* =
R_D - R_C = 14 < LSD *rank* =
R_E - R_C = 11 < LSD *rank* =
R_D – R_E = 3 < LSD *rank* =

Atribut *Overall*
R_A = 103
R_B = 70

Perpustakaan Unika

$R_C = 83$
$R_D = 99$
$R_E = 95$

$R_A - R_B = 33 >$ LSD *rank* $\neq$
$R_A - R_C = 20 <$ LSD *rank* =
$R_A - R_D = 4 <$ LSD *rank* =
$R_A - R_E = 8 <$ LSD *rank* =
$R_C - R_B = 13 <$ LSD *rank* =
$R_D - R_B = 29 >$ LSD *rank* $\neq$
$R_E - R_B = 25 >$ LSD *rank* $\neq$
$R_D - R_C = 16 <$ LSD *rank* =
$R_E - R_C = 12 <$ LSD *rank* =
$R_D - R_E = 4 <$ LSD *rank* =

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