DAFTAR PUSTAKA

Anam, Choirul, Kevin Kevin, and Dian Eka Kusumawati. 2021. "PENGARUH MACAM MULSA DAN PUPUK KANDANG TERHADAP PERTUMBUHAN DAN PRODUKSI TANAMAN KACANG PANJANG (Vigna Sinensis L.)." *AGRORADIX : Jurnal Ilmu Pertanian* 4(2): 16–21. https://doi.org/0.52166/agroteknologi.v4i2.2595.

Ansar, Ansar, Murad Murad, Sukmawaty Sukmawaty, and Sarmini Wati. 2020. "PENGARUH JENIS KEMASAN DAN SUHU PENYIMPANAN TERHADAP KARAKTERISTIK FISIK JAGUNG MANIS SEGAR (Zea Mays L.)." *Jurnal Ilmiah Rekayasa Pertanian dan Biosistem* 8(2): 147–54. https://doi.org/10.29303/jrpb.v8i2.180.

Aryantini, Ni Kadek Dita, and Komang Ratih Tunjungsari. 2023. "Modified Cassava Flour Sebagai Campuran Dalam Pembuatan Oatmeal Cookies." *Jurnal Ilmiah Pariwisata dan Bisnis* 2(9): 2104–11. https://doi.org/10.22334/paris.v2i9.552.

Asmarantaka, R W, and A Zainuddin. 2017. "Efisiensi Dan Prospektif Usaha Tani Ubi Jalar (Studi Kasus Desa Petir, Dramaga, Jawa Barat, Indonesia)." *Jurnal PANGAN* 26(1): 23–24.

Barus, Wan Arfiani, Hadriman Khair, and Dan Hendri. 2017. "Growth And Production Response Of Mungbean (Vigna Radiata L.) On Palm Male Flower Compost And Rabbit Urine Application Respon Pertumbuhan Dan Produksi Tanaman Kacang Hijau (Vigna Radiata L.) Terhadap Pemberian Kompos Bunga Jantan Kelapa Sawit Dan Urin Kel." *Agrium* 21(1): 55–61.

Ilmiah, Jurnal, and Universitas Muhammadiyah. 2024. "Sang Pencerah." : 780–93.

Imawan, Azizah Sava Aliyah. 2023. "Berbagai Kandungan Oatmeal (Avena Sativa) Yang Berpengaruh Bagi Tubuh." *Jurnal Cendekia Kimia* 01(2): 58–64. https://e-journal.upr.ac.id/index.php/bohr/.

Komala, Refika, and Fadilla Meidita. 2024. "Jurnal Tropicalanimal Pengaruh Pewarna Alami Bayam Merah Terhadap Organoleptik Bakso Daging Ayam The Effect Of Natural Red Spinach Coloring On The Organoleptics Of Chicken Meat Balls." 2(1): 5–12.

Pertiwi, Santi Arum, Bambang Dwiloka, and Bhakti Etza Setiani. 2021. "Performa Antioksidan , Warna , Kekenyalan , Dan Mutu Hedonik Nugget Berbahan Dasar Belut Dan Bekatul." 5(2): 44–48.

Sachriani, Sachriani, and Yeni Yulianti. 2021. "Analisis Kualitas Sensori Dan Kandungan Gizi Roti Tawar Tepung Oatmeal Sebagai Pengembangan Produk Pangan Fungsional." *JST (Jurnal Sains Terapan)* 7(2): 26–35. https://doi.org/10.32487/jst.v7i2.1235.

Setyawan, Raihan Adi, and Eni Purwani. 2024. "Pengaruh Substitusi Tepung Jewawut Terhadap Nilai Warna Dan Daya Terima Roti Tawar." 8: 5542–57.

Sukasih, Ermi, Kirana Sanggrami Sasmitaloka, and Sri Widowati. 2020. "Karakteristik Fisikokimia Dan Organoleptik Kacang Hijau Instan Dengan Teknologi Pembekuan Physicochemical and Sensory Characteristics of Instant Mung Beans with Freezing Technology." *Jurnal Penelitian Pascapanen Pertanian* 17(1): 37–47.

Tanjung, Melbi, and Risfan Sobari. 2023. "Faktor-Faktor Yang Mempengaruhi Keputusan Petani Dalam Memilih Varietas Ubi Cilembu." *Tabela Jurnal Pertanian Berkelanjutan* 1(2): 32–44. https://doi.org/10.56211/tabela.v1i2.263.

Utomo, Wisnu, Murti Astiningrum, and Yulia Eko Susilowati. 2017. "Pengaruh Mikoriza Dan Jarak Tanam Terhadap Hasil Tanaman Jagung Manis (Zea Mays Var. Saccharata Sturt)." *VIGOR: Jurnal Ilmu Pertanian Tropika dan Subtropika* 2(1): 28–33.

Widyaningtyas, Mita, and Wahono Hadi Susanto. 2015. "Pengaruh Jenis Dan Konsentrasi Hidrokoloid (Carboxy Methyl Cellulose, Xanthan Gum, Dan Karagenan) Terhadap Karakteristik Mie Kering Berbasis Pasta Ubi Jalar Varietas Ase Kuning." *Jurnal Pangan dan Agroindustri* 3(2): 417–23.

Yuliyanti, Nela Dwi. 2016. "Pengaruh Tepung Komposit Jagung (Zea Mays l) Kacang Hijau Dan Ubi Jalar Kuning Terhadap Tingkat Kesukaan Bolu Kukus."

Zakiyah, Ayu, and Ira Handayani. 2021. "Pembuatan Oatmeal Cookies Dengan Substitusi Tepung Ubi Jalar Kuning Making Oatmeal Cookies With Yellow Sweet Potato Flour Substitution." 13(2): 75–87.

L A M P I R A N

FORMULIR UJI ORGANOLEPTIK

Hari/Tanggal :

Nama :

Petunjuk :

Dihadapan saudara disajikan oatmeal dengan sebelum mencicipi setiap jenis oatmeal, kumur terlebih dahulu dengan air minum yang disediakan buang air kumuran untuk menetralkan Indera perasa, lalu istirahatkan sebentar sebelum mencicipi oatmeal berikutnya. Saudara diminta untuk memberikan penilaian organoleptic pada tabel yang telah disajikan dengan menggunakan deskripsi sebagai berikut ini :

1 = Sangat tidak suka

2= Tidak suka

3= Agak suka

4= Suka

5= Sangat suka

Penilaian	350	351	352
Rasa			
Aroma			
Tekstur			
Warna			

Kementerian Kesehatan
Poltekkes Bengkulu
Jalan Indragiri No. 3 Padang Harapan Bengkulu 38225
(0736) 341212
https://poltekkesbengkulu.ac.id

KETERANGAN LAYAK ETIK
DESCRIPTION OF ETHICAL EXEMPTION
"ETHICAL EXEMPTION"

No.KEPK.BKL/744/12/2025

Protokol penelitian versi 1 yang diusulkan oleh :
The research protocol proposed by

Peneliti utama : Fidyah Fitrah Arafah
Principal In Investigator

Nama Institusi : Poltekkes Kemenkes Bengkulu
Name of the Institution

Dengan judul:
Title
"Formulasi Oatmeal Dengan Bahan Tepung Komposit Kacang Hijau, Jagung Manis, Dan Ubi Jalar Terhadap Daya Terima Uji Organoleptik"

"Oatmeal Formulation with Composite Flour Ingredients of Mung Bean, Sweet Corn, and Sweet Potato on Organoleptic Test Acceptability"

Dinyatakan layak etik sesuai 7 (tujuh) Standar WHO 2011, yaitu 1) Nilai Sosial, 2) Nilai Ilmiah, 3) Pemerataan Beban dan Manfaat, 4) Risiko, 5) Bujukan/Eksploitasi, 6) Kerahasiaan dan Privacy, dan 7) Persetujuan Setelah Penjelasan, yang merujuk pada Pedoman CIOMS 2016. Hal ini seperti yang ditunjukkan oleh terpenuhinya indikator setiap standar.

Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011 Standards, 1) Social Values, 2) Scientific Values, 3) Equitable Assessment and Benefits, 4) Risks, 5) Persuasion/Exploitation, 6) Confidentiality and Privacy, and 7) Informed Concent, referring to the 2016 CIOMS Guidelines. This is as indicated by the fulfillment of the indicators of each standard.

Pernyataan Laik Etik ini berlaku selama kurun waktu tanggal 03 Desember 2025 sampai dengan tanggal 03 Desember 2026.

This declaration of ethics applies during the period December 03, 2025 until December 03, 2026.

December 03, 2025
Chairperson,

apt. Zamharira Muslim, M.Farm

Kementerian Kesehatan
Direktorat Jenderal
Sumber Daya Manusia Kesehatan
Politeknik Kesehatan Bengkulu
Jalan Indragiri No.3 Padang Harapan
Bengkulu 38225
(0736) 341212
https://www.poltekkesbengkulu.ac.id

16 Desember 2025

Nomor : PP. 01.01/F.XXIII.1/9197 /2025
Perihal : **Izin Penelitian**

Yth,
KA.Unit Laboratorium Terpadu Poltekkes Kemenkes Bengkulu
di
Tempat

Sehubungan penyusunan tugas akhir mahasiswa dalam bentuk Karya Tulis Ilmiah(KTI) Progam Studi Gizi Program Diploma Tiga Jurusan Gizi Politeknik Kesehatan Kemenkes Bengkulu Tahun Akademik 2025/2026 , dengan ini kami mohon Bapak/Ibu dapat memberikan izin pengambilan data untuk penelitian kepada:

Nama	: Fidyah Fitrah Arafah
NIM	: P01730123013
Tempat Penelitian	: Laboratorium Pangan Poltekkes Kemenkes Bengkulu
Waktu Penelitian	: Bulan Desember-Januari
Judul	: Formulasi Oatmeal Dengan Bahan Tepung Komposit (Kacang Hijau, Jagung Manis Dan Ubi Jalar) Terhadap Daya Terima Organoleptik
No Handphone	: 082178307177

Demikianlah, atas perhatian dan kesediaan Bapak/Ibu diucapkan terimakasih.

a.n. Direktur Poltekkes Kemenkes Bengkulu
Wakil Direktur I Bidang Akademik

Septiyanti, S.Kep, Ners, M.Pd

Kementerian Kesehatan
Direktorat Jenderal
Sumber Daya Manusia Kesehatan
Politeknik Kesehatan Bengkulu
Jalan Indrag'ri No. 3 Padang Harapan
Bengkulu 38225
(0736) 341212
https://www.poltekkesbengkulu.ac.id

SURAT KETERANGAN SELESAI PENELITIAN

NOMOR : PP.06.02/F.XXIII.1/080/2026

Yang bertandatangan dibawah ini

Nama	:	Septiyanti, S.Kep, Ners, M.Pd
NIP	:	197409161997032001
Jabatan	:	Wakil Direktur I

dengan ini menerangkan bahwa

Nama	:	Fidyah Fitrah Arafah
NIM	:	P01730123013
Jurusan	:	Gizi
Prodi	:	DIII Gizi

Telah selesai melaksanakan penelitian di Poltekkes Kemenkes Bengkulu dengan judul "Formulasi Oatmeal dengan Bahan Tepung Komposit (Kacang Hijau, Jagung Manis Dan Ubi Jalar) terhadap Daya Terima Organoleptik"

Bengkulu,21 April 2026
Wadir I Poltekkes Kemenkes Bengkulu,

SEPTIYANTI, S.Kep, Ners, M.Pd

Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh Balai Besar Sertifikasi Elektronik (BSrE), Badan Siber dan Sandi Negara (BSSN).






N0	WARNA				N0	RASA				N0	TEKSTUR				N0	AROMA			
	F0	F1	F2	F3		F0	F1	F2	F3		F0	F1	F2	F3		F0	F1	F2	F3
1	4	3	3	3	1	4	4	3	2	1	3	3	3	2	1	3	3	4	3
2	4	2	3	3	2	3	2	4	4	2	2	3	4	3	2	3	3	3	3
3	5	4	3	3	3	5	2	3	3	3	3	3	4	2	3	3	5	4	3
4	4	2	3	3	4	4	2	3	2	4	4	3	3	3	4	4	4	2	2
5	4	3	4	4	5	4	3	4	4	5	4	4	3	3	5	4	4	4	4
6	4	4	4	4	6	3	3	3	2	6	4	3	2	3	6	4	2	4	3
7	4	3	2	2	7	3	2	2	2	7	2	2	4	2	7	2	4	2	2
8	4	3	3	3	8	2	3	2	2	8	4	3	3	3	8	2	3	3	3
9	4	3	3	3	9	3	4	4	3	9	5	5	5	5	9	5	5	5	5
10	5	3	4	2	10	3	4	3	2	10	2	4	4	2	10	1	4	4	2
11	3	3	2	3	11	2	2	2	2	11	2	2	2	2	11	2	2	2	2
12	4	3	4	4	12	4	3	4	2	12	4	4	4	3	12	4	3	4	4
13	5	3	4	2	13	5	2	3	3	13	3	4	5	2	13	5	3	5	2
14	2	3	3	3	14	3	4	3	3	14	3	4	3	4	14	4	4	4	4
15	4	4	3	2	15	4	3	2	2	15	2	2	3	4	15	2	2	2	2
16	5	4	4	3	16	2	4	3	2	16	3	4	4	4	16	3	3	3	3
17	4	3	2	3	17	2	3	3	2	17	3	3	4	3	17	4	2	3	2
18	4	2	2	2	18	3	2	2	2	18	3	2	3	3	18	2	2	2	2
19	2	1	3	1	19	2	1	1	1	19	2	1	2	1	19	1	1	2	1
20	4	3	3	4	20	3	3	4	3	20	4	4	4	4	20	3	3	3	3
21	5	3	5	2	21	2	2	3	2	21	2	3	4	3	21	2	2	2	2
22	4	3	3	3	22	2	3	3	3	22	4	4	4	4	22	3	3	3	4
23	4	3	4	4	23	4	3	2	3	23	4	3	3	3	23	4	3	2	3
24	4	3	3	3	24	3	3	5	4	24	3	4	4	4	24	4	3	4	4
25	4	4	4	4	25	4	3	3	3	25	4	4	3	3	25	4	3	4	4
26	4	3	2	2	26	3	2	2	3	26	2	2	3	2	26	3	3	3	3
27	4	3	3	3	27	2	3	3	2	27	4	4	3	3	27	4	3	4	3
28	5	2	3	3	28	1	2	2	3	28	3	3	2	2	28	2	1	2	2
29	4	4	3	3	29	4	2	3	2	29	3	3	4	3	29	3	3	3	3
30	5	4	3	4	30	4	4	4	4	30	4	3	3	3	30	4	3	3	3

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Warna	30	4.07	.740	2	5
Perlakuan	30	1.00	.000	1	1

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Warna	F0_350	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Rasa	30	3.10	.995	1	5
Perlakuan	30	1.00	.000	1	1

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Rasa	F0_350	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Tekstur	30	3.17	.874	2	5
Perlakuan	30	1.00	.000	1	1

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Tekstur	F0_350	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Aroma	30	3.13	1.074	1	5
Perlakuan	30	1.00	.000	1	1

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Aroma	F0_350	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Warna	30	3.03	.718	1	4
Perlakuan	30	2.00	.000	2	2

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Warna	F1_351	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Rasa	30	2.77	.817	1	4
Perlakuan	30	2.00	.000	2	2

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Rasa	F1_351	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Tekstur	30	3.20	.887	1	5
Perlakuan	30	2.00	.000	2	2

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Tekstur	F1_351	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Aroma	30	2.97	.964	1	5
Perlakuan	30	2.00	.000	2	2

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Aroma	F1_351	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Warna	30	3.17	.747	2	5
Perlakuan	30	3.00	.000	3	3

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Warna	F3_352	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Rasa	30	2.93	.868	1	5
Perlakuan	30	3.00	.000	3	3

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Rasa	F3_352	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Tekstur	30	3.40	.814	2	5
Perlakuan	30	3.00	.000	3	3

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Tekstur	F3_352	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Aroma	30	3.17	.950	2	5
Perlakuan	30	3.00	.000	3	3

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Aroma	F3_352	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Warna	30	2.93	.785	1	4
Perlakuan	30	4.00	.000	4	4

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Warna	F4_353	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Rasa	30	2.57	.774	1	4
Perlakuan	30	4.00	.000	4	4

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Rasa	F4_353	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Tekstur	30	2.93	.868	1	5
Perlakuan	30	4.00	.000	4	4

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Tekstur	F4_353	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Aroma	30	2.87	.900	1	5
Perlakuan	30	4.00	.000	4	4

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Aroma	F4_353	30	15.50
	Total	30[a]	

a. There is only one non-empty group. Kruskal-Wallis Test cannot be performed.

Statistics

Warna

N	Valid	30
	Missing	0
Mean		4.07
Std. Error of Mean		.135
Median		4.00
Mode		4
Std. Deviation		.740
Variance		.547
Range		3
Minimum		2
Maximum		5
Sum		122

Warna

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	6.7	6.7	6.7
	3	1	3.3	3.3	10.0
	4	20	66.7	66.7	76.7
	5	7	23.3	23.3	100.0
	Total	30	100.0	100.0	

Statistics

Rasa

N	Valid	30
	Missing	0
Mean		3.10
Std. Error of Mean		.182
Median		3.00
Mode		3
Std. Deviation		.995
Variance		.990
Range		4
Minimum		1
Maximum		5
Sum		93

Rasa

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	3.3	3.3	3.3
	2	8	26.7	26.7	30.0
	3	10	33.3	33.3	63.3
	4	9	30.0	30.0	93.3
	5	2	6.7	6.7	100.0
	Total	30	100.0	100.0	

Statistics

Tekstur

N	Valid	30
	Missing	0
Mean		3.17
Std. Error of Mean		.160
Median		3.00
Mode		4
Std. Deviation		.874
Variance		.764
Range		3
Minimum		2
Maximum		5
Sum		95

Tekstur

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	8	26.7	26.7	26.7
	3	10	33.3	33.3	60.0
	4	11	36.7	36.7	96.7
	5	1	3.3	3.3	100.0
	Total	30	100.0	100.0	

Statistics

Aroma

N	Valid	30
	Missing	0
Mean		3.13
Std. Error of Mean		.196
Median		3.00
Mode		4
Std. Deviation		1.074
Variance		1.154
Range		4
Minimum		1
Maximum		5
Sum		94

Aroma

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	6.7	6.7	6.7
	2	7	23.3	23.3	30.0
	3	8	26.7	26.7	56.7
	4	11	36.7	36.7	93.3
	5	2	6.7	6.7	100.0
	Total	30	100.0	100.0	

Statistics

Warna

N	Valid	30
	Missing	0
Mean		3.03
Std. Error of Mean		.131
Median		3.00
Mode		3
Std. Deviation		.718
Variance		.516
Range		3
Minimum		1
Maximum		4
Sum		91

Warna

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	3.3	3.3	3.3
	2	4	13.3	13.3	16.7
	3	18	60.0	60.0	76.7
	4	7	23.3	23.3	100.0
	Total	30	100.0	100.0	

Statistics

Rasa

N	Valid	30
	Missing	0
Mean		2.77
Std. Error of Mean		.149
Median		3.00
Mode		3
Std. Deviation		.817
Variance		.668
Range		3
Minimum		1
Maximum		4
Sum		83

Rasa

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	3.3	3.3	3.3
	2	11	36.7	36.7	40.0
	3	12	40.0	40.0	80.0
	4	6	20.0	20.0	100.0
	Total	30	100.0	100.0	

Statistics

Tekstur

N	Valid	30
	Missing	0
Mean		3.20
Std. Error of Mean		.162
Median		3.00
Mode		3
Std. Deviation		.887
Variance		.786
Range		4
Minimum		1
Maximum		5
Sum		96

Tekstur

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	3.3	3.3	3.3
	2	5	16.7	16.7	20.0
	3	12	40.0	40.0	60.0
	4	11	36.7	36.7	96.7
	5	1	3.3	3.3	100.0
	Total	30	100.0	100.0	

Statistics

Aroma

N	Valid	30
	Missing	0
Mean		2.97
Std. Error of Mean		.176
Median		3.00
Mode		3
Std. Deviation		.964
Variance		.930
Range		4
Minimum		1
Maximum		5
Sum		89

Aroma

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	2	6.7	6.7	6.7
	2	6	20.0	20.0	26.7
	3	15	50.0	50.0	76.7
	4	5	16.7	16.7	93.3
	5	2	6.7	6.7	100.0
	Total	30	100.0	100.0	

Statistics

Warna

N	Valid	30
	Missing	0
Mean		3.17
Std. Error of Mean		.136
Median		3.00
Mode		3
Std. Deviation		.747
Variance		.557
Range		3
Minimum		2
Maximum		5
Sum		95

Warna

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	16.7	16.7	16.7
	3	16	53.3	53.3	70.0
	4	8	26.7	26.7	96.7
	5	1	3.3	3.3	100.0
	Total	30	100.0	100.0	

Statistics

Rasa

N	Valid	30
	Missing	0
Mean		2.93
Std. Error of Mean		.159
Median		3.00
Mode		3
Std. Deviation		.868
Variance		.754
Range		4
Minimum		1
Maximum		5
Sum		88

Rasa

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	3.3	3.3	3.3
	2	8	26.7	26.7	30.0
	3	14	46.7	46.7	76.7
	4	6	20.0	20.0	96.7
	5	1	3.3	3.3	100.0
	Total	30	100.0	100.0	

Statistics

Tekstur

N	Valid	30
	Missing	0
Mean		3.40
Std. Error of Mean		.149
Median		3.00
Mode		3[a]
Std. Deviation		.814
Variance		.662
Range		3
Minimum		2
Maximum		5
Sum		102

a. Multiple modes exist. The smallest value is shown

Tekstur

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	4	13.3	13.3	13.3
	3	12	40.0	40.0	53.3
	4	12	40.0	40.0	93.3
	5	2	6.7	6.7	100.0
	Total	30	100.0	100.0	

Statistics

Aroma

N	Valid	30
	Missing	0
Mean		3.17
Std. Error of Mean		.173
Median		3.00
Mode		4
Std. Deviation		.950
Variance		.902
Range		3
Minimum		2
Maximum		5
Sum		95

Aroma

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	9	30.0	30.0	30.0
	3	9	30.0	30.0	60.0
	4	10	33.3	33.3	93.3
	5	2	6.7	6.7	100.0
	Total	30	100.0	100.0	

Statistics

Warna

N	Valid	30
	Missing	0
Mean		2.93
Std. Error of Mean		.143
Median		3.00
Mode		3
Std. Deviation		.785
Variance		.616
Range		3
Minimum		1
Maximum		4
Sum		88

Warna

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	3.3	3.3	3.3
	2	7	23.3	23.3	26.7
	3	15	50.0	50.0	76.7
	4	7	23.3	23.3	100.0
	Total	30	100.0	100.0	

Statistics

Rasa

N	Valid	30
	Missing	0
Mean		2.57
Std. Error of Mean		.141
Median		2.00
Mode		2
Std. Deviation		.774
Variance		.599
Range		3
Minimum		1
Maximum		4
Sum		77

Rasa

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	3.3	3.3	3.3
	2	15	50.0	50.0	53.3
	3	10	33.3	33.3	86.7
	4	4	13.3	13.3	100.0
	Total	30	100.0	100.0	

Statistics

Tekstur

N	Valid	30
	Missing	0
Mean		2.93
Std. Error of Mean		.159
Median		3.00
Mode		3
Std. Deviation		.868
Variance		.754
Range		4
Minimum		1
Maximum		5
Sum		88

Tekstur

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	3.3	3.3	3.3
	2	8	26.7	26.7	30.0
	3	14	46.7	46.7	76.7
	4	6	20.0	20.0	96.7
	5	1	3.3	3.3	100.0
	Total	30	100.0	100.0	

Statistics

Aroma

N	Valid	30
	Missing	0
Mean		2.87
Std. Error of Mean		.164
Median		3.00
Mode		3
Std. Deviation		.900
Variance		.809
Range		4
Minimum		1
Maximum		5
Sum		86

Aroma

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	3.3	3.3	3.3
	2	10	33.3	33.3	36.7
	3	12	40.0	40.0	76.7
	4	6	20.0	20.0	96.7
	5	1	3.3	3.3	100.0
	Total	30	100.0	100.0	

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Warna	F0_350	30	90.47
	F1_351	30	50.23
	F3_352	30	54.47
	F4_353	30	46.83
	Total	120	

Test Statistics[a,b]

	Warna
Kruskal-Wallis H	34.512
df	3
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Kruskal-Wallis Test

Ranks

	Perlakuan	N	Mean Rank
Rasa	F0_350	30	69.48
	F1_351	30	58.23
	F3_352	30	64.28
	F4_353	30	50.00
	Total	120	

Test Statistics[a,b]

	Rasa
Kruskal-Wallis H	5.850
df	3
Asymp. Sig.	.119

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Ranks

	Perlakuan	N	Mean Rank
Tekstur	F0_350	30	60.12
	F1_351	30	62.10
	F3_352	30	68.67
	F4_353	30	51.12
	Total	120	

Test Statistics[a,b]

	Tekstur
Kruskal-Wallis H	4.387
df	3
Asymp. Sig.	.223

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Ranks

	Perlakuan	N	Mean Rank
Aroma	F0_350	30	64.63
	F1_351	30	58.30
	F3_352	30	64.60
	F4_353	30	54.47
	Total	120	

Test Statistics[a,b]

	Aroma
Kruskal-Wallis H	2.041
df	3
Asymp. Sig.	.564

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Warna	F0_350	30	40.83	1225.00
	F1_351	30	20.17	605.00
	Total	60		

Test Statistics[a]

	Warna
Mann-Whitney U	140.000
Wilcoxon W	605.000
Z	-4.900
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Warna	F0_350	30	39.65	1189.50
	F3_352	30	21.35	640.50
	Total	60		

Test Statistics[a]

	Warna
Mann-Whitney U	175.500
Wilcoxon W	640.500
Z	-4.346
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Warna	F0_350	30	40.98	1229.50
	F4_353	30	20.02	600.50
	Total	60		

Test Statistics[a]

	Warna
Mann-Whitney U	135.500
Wilcoxon W	600.500
Z	-4.942
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Warna	F1_351	30	29.47	884.00
	F3_352	30	31.53	946.00
	Total	60		

Test Statistics[a]

	Warna
Mann-Whitney U	419.000
Wilcoxon W	884.000
Z	-.513
Asymp. Sig. (2-tailed)	.608

a. Grouping Variable: Perlakuan

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Warna	F1_351	30	31.60	948.00
	F4_353	30	29.40	882.00
	Total	60		

Test Statistics[a]

	Warna
Mann-Whitney U	417.000
Wilcoxon W	882.000
Z	-.540
Asymp. Sig. (2-tailed)	.589

a. Grouping Variable: Perlakuan

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Warna	F3_352	30	32.58	977.50
	F4_353	30	28.42	852.50
	Total	60		

Test Statistics[a]

	Warna
Mann-Whitney U	387.500
Wilcoxon W	852.500
Z	-1.009
Asymp. Sig. (2-tailed)	.313

a. Grouping Variable: Perlakuan

Test Statistics[a,b]

	Warna
Kruskal-Wallis H	34.512
df	3
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Test Statistics[a,b]

	Rasa
Kruskal-Wallis H	5.850
df	3
Asymp. Sig.	.119

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Test Statistics[a,b]

	Tekstur
Kruskal-Wallis H	4.387
df	3
Asymp. Sig.	.223

a. Kruskal Wallis Test

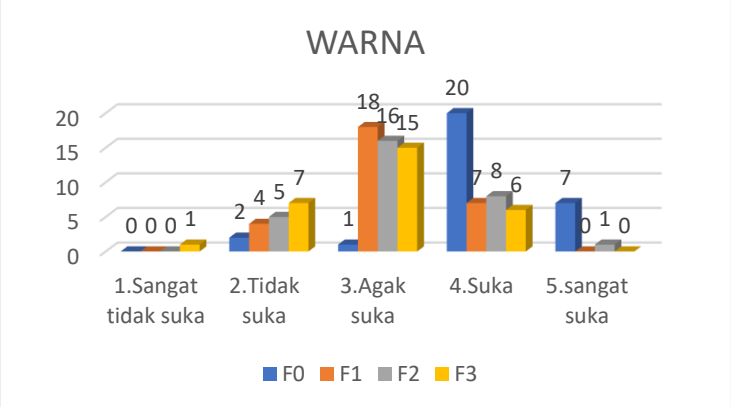
b. Grouping Variable: Perlakuan

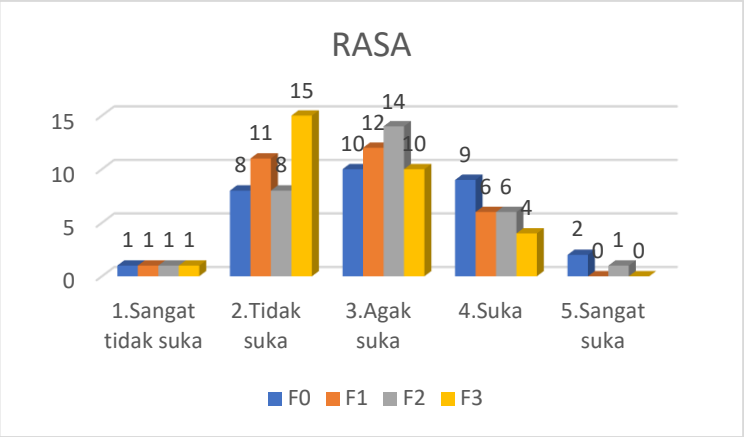
Test Statistics[a,b]

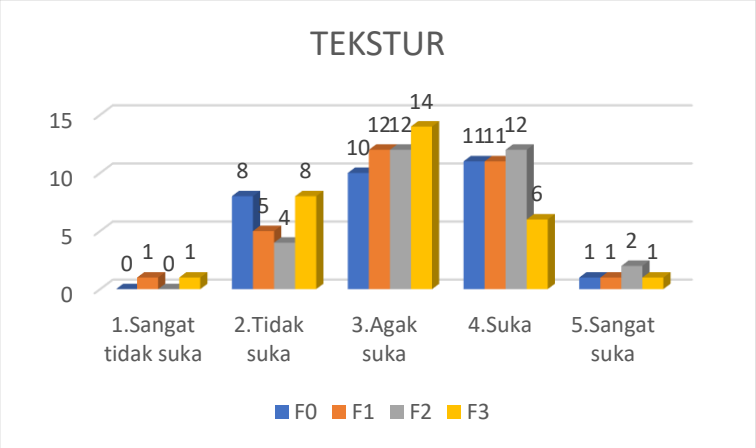
	Aroma
Kruskal-Wallis H	2.041
df	3
Asymp. Sig.	.564

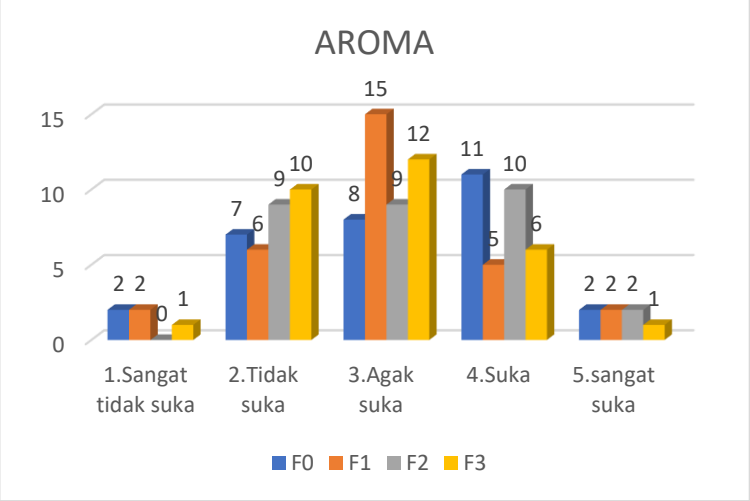
a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan




RASA
15
10
5
0
1 1 1 1
8 11 8 15
10 12 14 10
9 6 6 4
2 0 1 0
1.Sangat tidak suka
2.Tidak suka
3.Agak suka
4.Suka
5.Sangat suka
F0 F1 F2 F3


TEKSTUR
15
10
5
0
0 1 0 1
8 5 4 8
10 12 12 14
11 11 12 6
1 1 2 1
1.Sangat tidak suka
2.Tidak suka
3.Agak suka
4.Suka
5.Sangat suka
F0 F1 F2 F3


AROMA
15
10
5
0
2 2 0 1
7 6 9 10
8 15 9 12
11 5 10 6
2 2 2 1
1.Sangat tidak suka
2.Tidak suka
3.Agak suka
4.Suka
5.sangat suka
F0 F1 F2 F3