

Lampiran 1 . Formulir Uji Tingkat Kesukaan

Nama :
Umur/L-P :

Tanggal :

Dihadapan Saudara tersedia 8 sampel Manisan *Aloe vera*. Saudara diminta untuk membandingkan setiap sampel terhadap warna, bau, penampilan keseluruhan, tekstur dan rasa dari ke-8 sampel tersebut.

Score Penilaian kode sampel	1		2		3		4		5	
	sangat tidak suka		tidak suka		biasa		suka		sangat suka	
	warna	bau	penampilan keseluruhan		tekstur	rasa				
191										
253										
416										
780										
092										
308										
697										
504										

Komentar:

Lampiran 2

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:08:26 pm

Using: A:\VP_NONVP.DT

Variable: K_air

Source	SS	df	MS	F	P

Main Effects					
smpn	178.01508528	3	59.338361759	2.9630899305	.0365 *
tekn	241.0143338	1	241.0143338	12.035167882	.0008 ***
Interaction					
smpn x tekn	18.963734587	3	6.3212448624	0.3156544341	.8140 ns
Error	1762.2738281	88	20.025838955		

Total	2200.2669817	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 20.025838955

LSD .05, 88 = 2.5672369464

Rank Trt# Mean n Non-significant ranges

Rank	Trt#	Mean	n	Non-significant ranges
1	1	29.931371667	24	a
2	2	28.696439583	24	ab
3	3	27.32196125	24	ab
4	4	26.33777125	24	b

Equal Variance Two-tailed T Test

Factor: tekn

Error mean square = 20.025838955

LSD .05, 88 = 1.8153106537

Rank Trt# Mean n Non-significant ranges

Rank	Trt#	Mean	n	Non-significant ranges
1	2	29.6563625	48	a
2	1	26.487409375	48	b

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:06:20 pm

Using: A:\PGWET.DT

Variable: K_air

Source	SS	df	MS	F	P

Main Effects					
smpn	178.01508528	3	59.338361759	2.6157829895	.0561 ns
pgwt	11.341749463	1	11.341749463	0.4999726052	.4814 ns
Interaction					
smpn x pgwt	14.652867392	3	4.8842891306	0.2153116474	.8855 ns
Error	1996.2572796	88	22.684741814		

Total	2200.2669817	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 22.684741814

LSD .05, 88 = 2.7323574586

Rank	Trt#	Mean	n	Non-significant ranges
1	1	30.041532878	24	a
2	2	28.859379765	24	ab
3	3	26.37069144	24	ab
4	4	25.30763119	24	b

Equal Variance Two-tailed T Test

Factor: pgrg

Error mean square = 22.684741814

LSD .05, 88 = 1.9320684876

Rank	Trt#	Mean	n	Non-significant ranges
1	2	28.415605625	48	a
2	1	27.72816625	48	a

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:03:35 pm

Using: A:\PGRING.DT

Variable: K_air

Source	SS	df	MS	F	P
Main Effects					
smpn	178.01508528	3	59.338361759	2.5925249163	.0577 ns
pgrg	6.2276034785	1	6.2276034785	0.272087343	.6032 ns
Interaction					
smpn x pgrg	1.858179498	3	0.619393166	0.0270616203	.9939 ns
Error	2014.1661135	88	22.88825129		
Total	2200.2669817	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 22.88825129

LSD .05, 88 = 2.7445863627

Rank	Trt#	Mean	n	Non-significant ranges
1	1	31.091731594	24	a
2	2	29.566035971	24	ab
3	3	27.45167109	24	ab
4	4	26.63701743	24	b

Equal Variance Two-tailed T Test

Factor: pgrg

Error mean square = 22.88825129

LSD .05, 88 = 1.9407156286

Rank	Trt#	Mean	n	Non-significant ranges
1	2	28.326583542	48	a
2	1	27.817188333	48	a

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:08:32 pm

Using: A:\VP_NONVP.DT

Variable: Tekstur

Source	SS	df	MS	F	P

Main Effects					
smpn	1.905247875	3	0.635082625	7.4982896584	.0002 ***
tekn	1.0425001667	1	1.0425001667	12.308584601	.0007 ***
Interaction					
smpn x tekn	0.05445175	3	0.0181505833	0.2143001965	.8862 ns
Error	7.4533358333	88	0.0846969981		

Total	10.455535625	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 0.0846969981

LSD .05, 88 = 0.1669569889

Rank	Trt#	Mean	n	Non-significant ranges
1	1	1.530125	24	a
2	2	1.339	24	b
3	3	1.243875	24	bc
4	4	1.14925	24	c

Equal Variance Two-tailed T Test

Factor: tekn

Error mean square = 0.0846969981

LSD .05, 88 = 0.118056419

Rank	Trt#	Mean	n	Non-significant ranges
1	2	1.4197708333	48	a
2	1	1.2113541667	48	b

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:06:30 pm

Using: A:\PGWET.DT

Variable: Tekstur

Source	SS	df	MS	F	P

Main Effects					
smpn	1.905247875	3	0.635082625	6.5987834102	.0004 ***
pgwt	0.0169601667	1	0.0169601667	0.176223474	.6757 ns
Interaction					
smpn x pgwt	0.0639980833	3	0.0213326944	0.2216559305	.8811 ns
Error	8.4693295	88	0.0962423807		

Total	10.455535625	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 0.0962423807

LSD .05, 88 = 0.1779728574

Rank	Trt#	Mean	n	Non-significant ranges
1	1	1.430137	24	a
2	2	1.358	24	b
3	3	1.256875	24	bc
4	4	1.15925	24	c

Equal Variance Two-tailed T Test

Factor: pgrg

Error mean square = 0.0962423807

LSD .05, 88 = 0.1258458144

Rank	Trt#	Mean	n	Non-significant ranges
1	1	1.3288541667	48	a
2	2	1.3022708333	48	a

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:03:42 pm

Using: A:\PGRING.DT

Variable: Tekstur

Source	SS	df	MS	F	P
Main Effects					
smpn	1.905247875	3	0.635082625	6.9250758349	.0003 ***
pgrg	0.408726	1	0.408726	4.4568351176	.0376 *
Interaction					
smpn x pgrg	0.0712860833	3	0.0237620278	0.259106198	.8547 ns
Error	8.0702756667	88	0.091707678		
Total	10.455535625	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 0.091707678

LSD .05, 88 = 0.1737294495

Rank	Trt#	Mean	n	Non-significant ranges
1	1	1.640117	24	a
2	2	1.389	24	b
3	3	1.223867	24	c
4	4	1.04932	24	d

Equal Variance Two-tailed T Test

Factor: pgrg

Error mean square = 0.091707678

LSD .05, 88 = 0.1228452718

Rank	Trt#	Mean	n	Non-significant ranges
1	2	1.3808125	48	a
2	1	1.2503125	48	b

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:08:38 pm

Using: A:\VP_NONVP.DT

Variable: pH

Source	SS	df	MS	F	P
Main Effects					
smpn	13.202428125	3	4.400809375	11.170273031	.0000 ***
tekn	4.5719010417	1	4.5719010417	11.60454329	.0010 ***
Interaction					
smpn x tekn	0.1102364583	3	0.0367454861	0.0932685507	.9636 ns
Error	34.669808333	88	0.3939750947		
Total	52.554373958	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 0.3939750947

LSD .05, 88 = 0.3600849573

Rank	Trt#	Mean	n	Non-significant ranges
1	4	4.8958333333	24	a
2	3	4.4441666667	24	b
3	2	4.2854166667	24	b
4	1	3.8591666667	24	c

Equal Variance Two-tailed T Test

Factor: tekn

Error mean square = 0.3939750947

LSD .05, 88 = 0.2546185151

Rank	Trt#	Mean	n	Non-significant ranges
1	1	4.589375	48	a
2	2	4.1529166667	48	b

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:06:38 pm

Using: A:\PGWET.DT

Variable: pH

Source	SS	df	MS	F	P
Main Effects					
smpn	13.202428125	3	4.400809375	11.496654476	.0000 ***
pgwt	5.119884375	1	5.119884375	13.375162749	.0004 ***
Interaction					
smpn x pgwt	0.546503125	3	0.1821677083	0.4758940961	.6999 ns
Error	33.685558333	88	0.3827904356		
Total	52.554373958	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 0.3827904356

LSD .05, 88 = 0.3549368851

Rank	Trt#	Mean	n	Non-significant ranges
1	4	5.0059432333	24	a
2	3	4.7251666667	24	b
3	2	4.4834066667	24	c
4	1	3.8372666667	24	d

Equal Variance Two-tailed T Test

Factor: pgwt

Error mean square = 0.3827904356

LSD .05, 88 = 0.2509782703

Rank	Trt#	Mean	n	Non-significant ranges
1	2	4.6020833333	48	a
2	1	4.1402083333	48	b

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:03:56 pm

Using: A:\PGRING.DT

Variable: pH

Source	SS	df	MS	F	P
Main Effects					
smpn	13.202428125	3	4.400809375	10.203330227	.0000 ***
pgrg	0.708984375	1	0.708984375	1.6437889232	.2032 ns
Interaction					
smpn x pgrg	0.6875864583	3	0.2291954861	0.5313925308	.6619 ns
Error	37.955375	88	0.4313110795		
Total	52.554373958	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 0.4313110795

LSD .05, 88 = 0.3767609661

Rank	Trt#	Mean	n	Non-significant ranges
1	4	4.7868333333	24	a
2	3	4.4441666667	24	b
3	2	4.2854166667	24	b
4	1	3.8441666667	24	c

Equal Variance Two-tailed T Test

Factor: pgrg

Error mean square = 0.4313110795

LSD .05, 88 = 0.266410234

Rank	Trt#	Mean	n	Non-significant ranges
1	2	4.4570833333	48	a
2	1	4.2852083333	48	a

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:08:43 pm

Using: A:\VP_NONVP.DT

Variable: Warna

Source	SS	df	MS	F	P
Main Effects					
smpn	0.1375467812	3	0.0458489271	11.302743742	.0000 ***
tekn	0.0226013437	1	0.0226013437	5.571715913	.0205 *
Interaction					
smpn x tekn	0.0012791146	3	4.263715E-04	0.105109725	.9569 ns
Error	0.3569669167	88	0.0040564422		
Total	0.5183941562	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 0.0040564422

LSD .05, 88 = 0.0365378714

Rank	Trt#	Mean	n	Non-significant ranges
1	4	0.7000916667	24	a
2	3	0.64625	24	b
3	2	0.6295416667	24	b
4	1	0.5830206667	24	c

Equal Variance Two-tailed T Test

Factor: tekn

Error mean square = 0.0040564422

LSD .05, 88 = 0.0258361766

Rank	Trt#	Mean	n	Non-significant ranges
1	1	0.65325	48	a
2	2	0.6225625	48	b

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:06:45 pm

Using: A:\PGWET.DT

Variable: Warna

Source	SS	df	MS	F	P
Main Effects					
smpn	0.1375467813	3	0.0458489271	13.376721149	.0000 ***
pgwt	0.0664127604	1	0.0664127604	19.376352585	.0000 ***
Interaction					
smpn x pgwt	0.0128131979	3	0.004271066	1.246111134	.2979 ns
Error	0.3016214167	88	0.0034275161		
Total	0.5183941563	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 0.0034275161

LSD .05, 88 = 0.0335861595

Rank	Trt#	Mean	n	Non-significant ranges
1	4	0.6907916667	24	a
2	3	0.66313	24	b
3	2	0.6295416667	24	b
4	1	0.5850416667	24	c

Equal Variance Two-tailed T Test

Factor: pgwt

Error mean square = 0.0034275161

LSD .05, 88 = 0.0237490011

Rank	Trt#	Mean	n	Non-significant ranges
1	2	0.6642083333	48	a
2	1	0.6116041667	48	b

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:04:02 pm

Using: A:\PGRING.DT

Variable: Warna

Source	SS	df	MS	F	P
Main Effects					
smpn	0.1375467812	3	0.0458489271	10.909349355	.0000 ***
pgrg	0.0105210938	1	0.0105210938	2.5034018158	.1172 ns
Interaction					
smpn x pgrg	4.870312E-04	3	1.623437E-04	0.0386282689	.9898 ns
Error	0.36983925	88	0.0042027187		
Total	0.5183941562	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 0.0042027187

LSD .05, 88 = 0.0371908204

Rank	Trt#	Mean	n	Non-significant ranges
1	4	0.7107016667	24	a
2	3	0.6731725	24	b
3	2	0.6335616667	24	b
4	1	0.5730016667	24	c

Equal Variance Two-tailed T Test

Factor: pgrg

Error mean square = 0.0042027187

LSD .05, 88 = 0.0262978813

Rank	Trt#	Mean	n	Non-significant ranges
1	2	0.648375	48	a
2	1	0.6274375	48	a

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:08:49 pm

Using: A:\VP_NONVP.DT

Variable: K_gula

Source	SS	df	MS	F	P
Main Effects					
smpn	781.77729752	3	260.59243251	9.3775762783	.0000 ***
tekn	108.84413285	1	108.84413285	3.9168219446	.0509 *
Interaction					
smpn x tekn	54.920654012	3	18.306884671	0.6587843161	.5796 ns
Error	2445.4222904	88	27.788889663		
Total	3390.9643747	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 27.788889663

LSD .05, 88 = 3.0241699371

Rank	Trt#	Mean	n	Non-significant ranges
1	1	31.850860833	24	a
2	2	29.970047917	24	b
3	3	28.179650417	24	b
4	4	24.131194583	24	c

Equal Variance Two-tailed T Test

Factor: tekn

Error mean square = 27.788889663

LSD .05, 88 = 2.13841107

Rank	Trt#	Mean	n	Non-significant ranges
1	2	29.597735625	48	a
2	1	27.46814125	48	b

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:06:53 pm

Using: A:\PGWET.DT

Variable: K_gula

Source	SS	df	MS	F	P
Main Effects					
smpn	781.77729752	3	260.59243251	8.8529291861	.0000 ***
pgwt	4.2093546125	1	4.2093546125	0.1430015367	.7062 ns
Interaction					
smpn x pgwt	14.633489797	3	4.8778299323	0.1657111934	.9192 ns
Error	2590.3442328	88	29.435729918		
Total	3390.9643747	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 29.435729918

LSD .05, 88 = 3.1124902479

Rank	Trt#	Mean	n	Non-significant ranges
1	1	30.681971809	24	a
2	2	29.377570933	24	ab
3	3	26.229551417	24	b
4	4	24.011049538	24	c

Equal Variance Two-tailed T Test

Factor: pgwt

Error mean square = 29.435729918

LSD .05, 88 = 2.2008629607

Rank	Trt#	Mean	n	Non-significant ranges
1	1	28.74233625	48	a
2	2	28.323540625	48	a

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:04:08 pm

Using: A:\PGRING.DT

Variable: K_gula

Source	SS	df	MS	F	P
Main Effects					
smpn	781.77729752	3	260.59243251	8.8932837647	.0000 ***
pgrg	28.323197704	1	28.323197704	0.9665907482	.3282 ns
Interaction					
smpn x pgrg	2.2737133633	3	0.7579044544	0.0258651386	.9943 ns
Error	2578.5901661	88	29.302160979		
Total	3390.9643747	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 29.302160979

LSD .05, 88 = 3.1054205284

Rank	Trt#	Mean	n	Non-significant ranges
1	1	32.704868005	24	a
2	2	28.860177298	24	b
3	3	26.059450485	24	b
4	4	24.261087586	24	c

Equal Variance Two-tailed T Test

Factor: pgrg

Error mean square = 29.302160979

LSD .05, 88 = 2.1958639141

Rank	Trt#	Mean	n	Non-significant ranges
1	2	29.076108125	48	a
2	1	27.98976875	48	a

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:08:55 pm

Using: A:\VP_NONVP.DT

Variable: T_kpng

Source	SS	df	MS	F	P
Main Effects					
smpn	8702.5416667	3	2900.8472222	15.54072601	.0000 ***
tekn	610.04166667	1	610.04166667	3.268179835	.0741 *
Interaction					
smpn x tekn	98.208333333	3	32.736111111	0.175377362	.9128 ns
Error	16426.166667	88	186.66098485		
Total	25836.958333	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 186.66098485

LSD .05, 88 = 7.83785764

Rank	Trt#	Mean	n	Non-significant ranges
1	4	64.708333333	24	a
2	3	58.75	24	b
3	2	46.958333333	24	c
4	1	40.5	24	d

Equal Variance Two-tailed T Test

Factor: tekn

Error mean square = 186.66098485

LSD .05, 88 = 5.5422022872

Rank	Trt#	Mean	n	Non-significant ranges
1	1	55.25	48	a
2	2	50.208333333	48	b

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:06:58 pm

Using: A:\PGWET.DT

Variable: T_kpng

Source	SS	df	MS	F	P
Main Effects					
smpn	8702.5416667	3	2900.8472222	16.976240353	.0000 ***
pgwt	2090.6666667	1	2090.6666667	12.234929009	.0007 ***
Interaction					
smpn x pgwt	6.5833333333	3	2.1944444444	0.0128422538	.9980 ns
Error	15037.166667	88	170.87689394		
Total	25836.958333	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 170.87689394

LSD .05, 88 = 7.4991538791

Rank	Trt#	Mean	n	Non-significant ranges
1	4	64.708333333	24	a
2	3	60.87	24	a
3	2	47.865833333	24	b
4	1	42.55	24	b

Equal Variance Two-tailed T Test

Factor: pgwt

Error mean square = 170.87689394

LSD .05, 88 = 5.302702561

Rank	Trt#	Mean	n	Non-significant ranges
1	2	57.395833333	48	a
2	1	48.0625	48	b

TWO WAY ANOVA COMPLETELY RANDOMIZED

Jul 27, 2003 10:04:16 pm

Using: A:\PGRING.DT

Variable: T_kpng

Source	SS	df	MS	F	P
Main Effects					
smpn	8702.5416667	3	2900.8472222	15.270509101	.0000 ***
pgrg	408.375	1	408.375	2.1497492547	.1462 ns
Interaction					
smpn x pgrg	9.2083333333	3	3.0694444444	0.016158031	.9972 ns
Error	16716.833333	88	189.96401515		
Total	25836.958333	95			

Duncan's Multiple Range Test

Factor: smpn

Error mean square = 189.96401515

LSD .05, 88 = 7.9069003387

Rank	Trt#	Mean	n	Non-significant ranges
1	4	68.778333333	24	a
2	3	60.92	24	b
3	2	56.658333333	24	c
4	1	43.33	24	d

Equal Variance Two-tailed T Test

Factor: pgrg

Error mean square = 189.96401515

LSD .05, 88 = 5.5910228476

Rank	Trt#	Mean	n	Non-significant ranges
1	2	54.791666667	48	a
2	1	50.666666667	48	a

Lampiran 3 Hasil analisis *two way anova* masing-masing perlakuan dan lama penyimpanan terhadap kadar air.

Between-Subjects Factors

	Value Label	N
PENYIMP	1 satu	24
	2 dua	24
	3 tiga	24
	4 empat	24
PERLAK	1 non-vp,non-asam,oven	12
	2 non-vp,non-asam,dehumidifier	12
	3 non-vp,asam,oven	12
	4 non-vp,asam,dehumidifier	12
	5 vp,non-asam,oven	12
	6 vp,non-asam,dehumidifier	12
	7 vp,asam,oven	12
	8 vp,asam,dehumidifier	12

Tests of Between-Subjects Effects

Dependent Variable: K_AIR

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	588.984 ^a	31	18.999	.755	.803
Intercept	75850.955	1	75850.955	3004.848	.000
PENYIMP	178.015	3	59.338	2.357	.080
PERLAK	352.136	7	50.305	1.998	.069
PENYIMP * PERLAK	58.833	21	2.802	.111	1.000
Error	1611.283	64	25.176		
Total	77851.222	96			
Corrected Total	2200.267	95			

^a. R Squared = .268 (Adjusted R Squared = -.087)

Descriptive Statistics

Dependent Variable: K_AIR

PENYIMP	PERLAK	Mean	Std. Deviation	N
satu	non-vp,non-asam,oven	28.67271	2.23029240	3
	non-vp,non-asam,dehumidifier	29.11929	6.60027315	3
	non-vp,asam,oven	26.49291	4.21204836	3
	non-vp,asam,dehumidifier	27.54004	1.76176056	3
	vp,non-asam,oven	32.55331	4.62766491	3
	vp,non-asm,dehumidifier	31.00939	8.42628187	3
	vp,asam,oven	33.07864	6.50977807	3
	vp,asam,dehumidifier	30.98468	3.55481514	3
	Total	29.93137	4.89071314	24
dua	non-vp,non-asam,oven	27.51211	3.94490918	3
	non-vp,non-asam,dehumidifier	28.37391	2.20830724	3
	non-vp,asam,oven	25.18176	6.20744240	3
	non-vp,asam,dehumidifier	25.81435	6.03861312	3
	vp,non-asam,oven	31.90805	3.18131050	3
	vp,non-asm,dehumidifier	30.50437	2.51546330	3
	vp,asam,oven	30.84179	2.85210781	3
	vp,asam,dehumidifier	29.43518	4.48948611	3
	Total	28.69644	4.18611036	24
tiga	non-vp,non-asam,oven	27.28514	3.86941848	3
	non-vp,non-asam,dehumidifier	27.02471	1.82561398	3
	non-vp,asam,oven	24.16020	6.03875155	3
	non-vp,asam,dehumidifier	24.84911	1.03500130	3
	vp,non-asam,oven	29.36276	4.37866178	3
	vp,non-asm,dehumidifier	26.86002	7.80355306	3
	vp,asam,oven	30.37979	4.34905761	3
	vp,asam,dehumidifier	28.65397	9.34926246	3
	Total	27.32196	5.01987867	24
empat	non-vp,non-asam,oven	26.34749	3.02249530	3
	non-vp,non-asam,dehumidifier	26.86387	6.88596755	3
	non-vp,asam,oven	24.05001	7.83477137	3
	non-vp,asam,dehumidifier	24.51095	4.58361919	3
	vp,non-asam,oven	26.85314	5.46144440	3
	vp,non-asm,dehumidifier	24.39943	3.73690169	3
	vp,asam,oven	28.54553	3.15776073	3
	vp,asam,dehumidifier	29.13174	3.70272965	3
	Total	26.33777	4.61326551	24
Total	non-vp,non-asam,oven	27.45436	2.97738911	12
	non-vp,non-asam,dehumidifier	27.84545	4.35886169	12
	non-vp,asam,oven	24.97122	5.39230496	12
	non-vp,asam,dehumidifier	25.67861	3.56629958	12
	vp,non-asam,oven	30.16932	4.49377968	12
	vp,non-asm,dehumidifier	28.19330	5.97499863	12
	vp,asam,oven	30.71144	4.15670630	12
	vp,asam,dehumidifier	29.55139	5.01787848	12
	Total	28.07189	4.81255702	96

Post Hoc Tests
Penyimp
Homogeneous Subsets

K_AIR

Duncan^{a,b}

PENYIMP	N	Subset	
		1	2
empat	24	26.33777	
tiga	24	27.32196	27.32196
dua	24	28.69644	28.69644
satu	24		29.93137
Sig.		.084	.056

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 19.648.

a. Uses Harmonic Mean Sample Size = 24.000.

b. Alpha = .05.

Perlak
Homogeneous Subsets

K_AIR

Duncan^{a,b}

PERLAK	N	Subset		
		1	2	3
non-vp,asam,oven	12	24.97122		
non-vp,asam,dehumidifier	12	25.67861		
non-vp,non-asam,oven	12	27.45436	27.45436	
non-vp,non-asam,dehumidifier	12	27.84545	27.84545	
vp,non-asm,dehumidifier	12	28.19330	28.19330	28.19330
vp,asam,dehumidifier	12		29.55139	29.55139
vp,non-asam,oven	12			30.16932
vp,asam,oven	12			30.71144
Sig.		.117	.058	.120

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 19.648.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Lampiran 4. Hasil analisis *two way anova* masing-masing perlakuan dan lama penyimpanan terhadap tekstur.

Between-Subjects Factors

		Value Label	N
PENYIMP	1	satu	24
	2	dua	24
	3	tiga	24
	4	empat	24
PERLAK	1	non-vp,non-asam,oven	12
	2	non-vp,non-asam,dehumidifier	12
	3	non-vp,asam,oven	12
	4	non-vp,asam,dehumidifier	12
	5	vp,non-asam,oven	12
	6	vp,non-asam,dehumidifier	12
	7	vp,asam,oven	12
	8	vp,asam,dehumidifier	12

Tests of Between-Subjects Effects

Dependent Variable: TEKSTUR

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	3.895 ^a	31	.126	1.226	.243
Intercept	166.149	1	166.148	1620.836	.000
PENYIMP	1.905	3	.635	6.195	.001
PERLAK	1.519	7	.217	2.117	.054
PENYIMP * PERLAK	.471	21	2.243E-02	.219	1.000
Error	6.560	64	.103		
Total	176.603	96			
Corrected Total	10.456	95			

^a. R Squared = .373 (Adjusted R Squared = .069)

Descriptive Statistics

Dependent Variable: TEKSTUR

PENYIMP	PERLAK	Mean	Std. Deviation	N
satu	non-vp,non-asam,oven	1.43300	.586146	3
	non-vp,non-asam,dehumidifier	1.57500	.307205	3
	non-vp,asam,oven	1.38333	.482399	3
	non-vp,asam,dehumidifier	1.35500	.376431	3
	vp,non-asam,oven	1.59167	.255359	3
	vp,non-asm,dehumidifier	1.54500	.165303	3
	vp,asam,oven	1.55000	.377492	3
	vp,asam,dehumidifier	1.80800	.289425	3
	Total	1.53013	.342507	24
dua	non-vp,non-asam,oven	1.13667	.280238	3
	non-vp,non-asam,dehumidifier	1.24967	.217371	3
	non-vp,asam,oven	1.11667	.487553	3
	non-vp,asam,dehumidifier	1.31633	.364452	3
	vp,non-asam,oven	1.52467	.362630	3
	vp,non-asm,dehumidifier	1.49333	.272504	3
	vp,asam,oven	1.43300	.440105	3
	vp,asam,dehumidifier	1.44167	.262599	3
	Total	1.33900	.326979	24
tiga	non-vp,non-asam,oven	1.04500	.292532	3
	non-vp,non-asam,dehumidifier	1.19167	.237610	3
	non-vp,asam,oven	1.06000	.499925	3
	non-vp,asam,dehumidifier	1.20800	.113212	3
	vp,non-asam,oven	1.19167	.472582	3
	vp,non-asm,dehumidifier	1.47667	.153324	3
	vp,asam,oven	1.33667	.209841	3
	vp,asam,dehumidifier	1.44133	.440000	3
	Total	1.24388	.317885	24
empat	non-vp,non-asam,oven	.94967	.229239	3
	non-vp,non-asam,dehumidifier	1.16667	.038188	3
	non-vp,asam,oven	1.05333	.258183	3
	non-vp,asam,dehumidifier	1.14167	.242813	3
	vp,non-asam,oven	.99967	.100500	3
	vp,non-asm,dehumidifier	1.26633	.128161	3
	vp,asam,oven	1.20000	.288314	3
	vp,asam,dehumidifier	1.41667	.076376	3
	Total	1.14925	.215580	24
Total	non-vp,non-asam,oven	1.14108	.370966	12
	non-vp,non-asam,dehumidifier	1.29575	.256175	12
	non-vp,asam,oven	1.15333	.403718	12
	non-vp,asam,dehumidifier	1.25525	.266125	12
	vp,non-asam,oven	1.32692	.377074	12
	vp,non-asm,dehumidifier	1.44533	.195126	12
	vp,asam,oven	1.37992	.319753	12
	vp,asam,dehumidifier	1.52692	.304748	12
	Total	1.31556	.331750	96

Post Hoc Tests
Penyimp
Homogeneous Subsets

TEKSTUR

Duncan^{a,b}

PENYIMP	N	Subset		
		1	2	3
empat	24	1.14925		
tiga	24		1.24388	
dua	24		1.33900	
satu	24			1.53013
Sig.		.258	.255	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 8.272E-02.

a. Uses Harmonic Mean Sample Size = 24.000.

b. Alpha = .05.

Perlak
Homogeneous Subsets

TEKSTUR

Duncan^{a,b}

PERLAK	N	Subset		
		1	2	3
non-vp,non-asam,oven	12	1.14108		
non-vp,asam,oven	12	1.15333		
non-vp,asam,dehumidifier	12	1.25525		
non-vp,non-asam,dehumidifier	12	1.29575	1.29575	
vp,non-asam,oven	12	1.32692	1.32692	1.32692
vp,asam,oven	12	1.37992	1.37992	1.37992
vp,non-asm,dehumidifier	12		1.44533	1.44533
vp,asam,dehumidifier	12			1.52692
Sig.		.078	.155	.082

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 8.272E-02.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Lampiran 5. Hasil analisis *two way anova* masing-masing perlakuan dan lama penyimpanan terhadap pH.

Between-Subjects Factors

		Value Label	N
PENYIMP	1	satu	24
	2	dua	24
	3	tiga	24
	4	empat	24
PERLAK	1	non-vp,non-asam,oven	12
	2	non-vp,non-asam,dehumidifier	12
	3	non-vp,asam,oven	12
	4	non-vp,asam,dehumidifier	12
	5	vp,non-asam,oven	12
	6	vp,non-asam,dehumidifier	12
	7	vp,asam,oven	12
	8	vp,asam,dehumidifier	12

Tests of Between-Subjects Effects

Dependent Variable: PH

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	26.844 ^a	31	.866	2.155	.005
Intercept	1834.264	1	1834.264	4565.898	.000
PENYIMP	13.202	3	4.401	10.955	.000
PERLAK	10.597	7	1.514	3.768	.002
PENYIMP * PERLAK	3.044	21	.145	.361	.994
Error	25.711	64	.402		
Total	1886.818	96			
Corrected Total	52.554	95			

a. R Squared = .511 (Adjusted R Squared = .274)

Descriptive Statistics

Dependent Variable: PH

PENYIMP	PERLAK	Mean	Std. Deviation	N
satu	non-vp,non-asam,oven	4.4267	.72590	3
	non-vp,non-asam,dehumidifier	4.0033	.64686	3
	non-vp,asam,oven	3.6867	.54629	3
	non-vp,asam,dehumidifier	3.9733	.29905	3
	vp,non-asam,oven	3.5033	.88489	3
	vp,non-asm,dehumidifier	4.0200	.81296	3
	vp,asam,oven	3.6300	.49729	3
	vp,asam,dehumidifier	3.6300	.83072	3
	Total	3.8592	.63788	24
dua	non-vp,non-asam,oven	4.6833	.81298	3
	non-vp,non-asam,dehumidifier	4.7300	.60324	3
	non-vp,asam,oven	4.4667	.61809	3
	non-vp,asam,dehumidifier	4.1933	.81224	3
	vp,non-asam,oven	4.6100	.85715	3
	vp,non-asm,dehumidifier	4.1500	.29513	3
	vp,asam,oven	3.7433	.48521	3
	vp,asam,dehumidifier	3.7067	.31374	3
	Total	4.2854	.65588	24
tiga	non-vp,non-asam,oven	5.1567	.94044	3
	non-vp,non-asam,dehumidifier	4.7833	.39879	3
	non-vp,asam,oven	4.4733	.66905	3
	non-vp,asam,dehumidifier	4.2500	.26211	3
	vp,non-asam,oven	4.6500	.36042	3
	vp,non-asm,dehumidifier	4.5267	.29143	3
	vp,asam,oven	3.9567	.39716	3
	vp,asam,dehumidifier	3.7567	.57813	3
	Total	4.4442	.61839	24
empat	non-vp,non-asam,oven	5.2667	.55429	3
	non-vp,non-asam,dehumidifier	5.2033	.35921	3
	non-vp,asam,oven	5.2233	.84500	3
	non-vp,asam,dehumidifier	4.9100	.60357	3
	vp,non-asam,oven	5.1700	.89370	3
	vp,non-asm,dehumidifier	4.7500	.71021	3
	vp,asam,oven	4.6667	.87757	3
	vp,asam,dehumidifier	3.9767	.25325	3
	Total	4.8958	.70105	24
Total	non-vp,non-asam,oven	4.8833	.74892	12
	non-vp,non-asam,dehumidifier	4.6800	.63070	12
	non-vp,asam,oven	4.4625	.81056	12
	non-vp,asam,dehumidifier	4.3317	.59010	12
	vp,non-asam,oven	4.4833	.92047	12
	vp,non-asm,dehumidifier	4.3617	.57945	12
	vp,asam,oven	3.9992	.65841	12
	vp,asam,dehumidifier	3.7675	.48366	12
	Total	4.3711	.74378	96

Post Hoc Tests
Penyimp
Homogeneous Subsets

PH

Duncan^{a,b}

PENYIMP	N	Subset		
		1	2	3
satu	24	3.8592		
dua	24		4.2854	
tiga	24		4.4442	
empat	24			4.8958
Sig.		1.000	.347	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares

The error term is Mean Square(Error) = .338.

a. Uses Harmonic Mean Sample Size = 24.000.

b. Alpha = .05.

Perlak
Homogeneous Subsets

PH

Duncan^{a,b}

PERLAK	N	Subset			
		1	2	3	4
vp,asam,dehumidifier	12	3.7675			
vp,asam,oven	12	3.9992			
non-vp,asam,dehumidifier	12		4.3317		
vp,non-asam,dehumidifier	12		4.3617	4.3617	
non-vp,asam,oven	12		4.4625	4.4625	
vp,non-asam,oven	12		4.4833	4.4833	
non-vp,non-asam,dehumidifier	12			4.6800	4.6800
non-vp,non-asam,oven	12				4.8833
Sig.		.332	.071	.198	.052

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = .338.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Lampiran 6. Hasil analisis *two way anova* masing-masing perlakuan dan lama penyimpanan terhadap warna.

Between-Subjects Factors

		Value Label	N
PENYIMP	1	satu	24
	2	dua	24
	3	tiga	24
	4	empat	24
PERLAK	1	non-vp,non-asam,oven	12
	2	non-vp,non-asam,dehumidifier	12
	3	non-vp,asam,oven	12
	4	non-vp,asam,dehumidifier	12
	5	vp,non-asam,oven	12
	6	vp,non-asam,dehumidifier	12
	7	vp,asam,oven	12
	8	vp,asam,dehumidifier	12

Tests of Between-Subjects Effects

Dependent Variable: WARNA

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.274 ^a	31	8.850E-03	2.321	.002
Intercept	39.065	1	39.065	10244.642	.000
PENYIMP	.138	3	4.585E-02	12.024	.000
PERLAK	.112	7	1.598E-02	4.191	.001
PENYIMP * PERLAK	2.495E-02	21	1.188E-03	.312	.998
Error	.244	64	3.813E-03		
Total	39.583	96			
Corrected Total	.518	95			

a. R Squared = .529 (Adjusted R Squared = .301)

Descriptive Statistics

Dependent Variable: WARNA

PENYIMP	PERLAK	Mean	Std. Deviation	N
satu	non-vp,non-asam,oven	.63600	.069541	3
	non-vp,non-asam,dehumidifier	.56267	.082718	3
	non-vp,asam,oven	.59867	.027755	3
	non-vp,asam,dehumidifier	.60533	.081990	3
	vp,non-asam,oven	.59967	.071710	3
	vp,non-asm,dehumidifier	.56733	.057622	3
	vp,asam,oven	.56267	.039716	3
	vp,asam,dehumidifier	.54800	.087841	3
	Total	.58504	.063293	24
dua	non-vp,non-asam,oven	.67533	.074272	3
	non-vp,non-asam,dehumidifier	.66033	.079211	3
	non-vp,asam,oven	.62600	.069742	3
	non-vp,asam,dehumidifier	.60800	.026907	3
	vp,non-asam,oven	.67200	.058660	3
	vp,non-asm,dehumidifier	.64667	.066726	3
	vp,asam,oven	.57767	.048294	3
	vp,asam,dehumidifier	.57033	.030072	3
	Total	.62954	.063403	24
tiga	non-vp,non-asam,oven	.71767	.092500	3
	non-vp,non-asam,dehumidifier	.66500	.031765	3
	non-vp,asam,oven	.63200	.021284	3
	non-vp,asam,dehumidifier	.65500	.026963	3
	vp,non-asam,oven	.67733	.040501	3
	vp,non-asm,dehumidifier	.65000	.060225	3
	vp,asam,oven	.59600	.039611	3
	vp,asam,dehumidifier	.57700	.059025	3
	Total	.64625	.060515	24
empat	non-vp,non-asam,oven	.72400	.050210	3
	non-vp,non-asam,dehumidifier	.72033	.095133	3
	non-vp,asam,oven	.69100	.060506	3
	non-vp,asam,dehumidifier	.67467	.071529	3
	vp,non-asam,oven	.72567	.038527	3
	vp,non-asm,dehumidifier	.72733	.078932	3
	vp,asam,oven	.66233	.078526	3
	vp,asam,dehumidifier	.60100	.035930	3
	Total	.69079	.069788	24
Total	non-vp,non-asam,oven	.68825	.072601	12
	non-vp,non-asam,dehumidifier	.65208	.087914	12
	non-vp,asam,oven	.63692	.054848	12
	non-vp,asam,dehumidifier	.63575	.058247	12
	vp,non-asam,oven	.66867	.065854	12
	vp,non-asm,dehumidifier	.64783	.081842	12
	vp,asam,oven	.59967	.060806	12
	vp,asam,dehumidifier	.57408	.053149	12
	Total	.63791	.073870	96

Post Hoc Tests
Penyimp
Homogeneous Subsets

WARNA

Duncan^{a,b}

PENYIMP	N	Subset		
		1	2	3
satu	24	.58504		
dua	24		.62954	
tiga	24		.64625	
empat	24			.69079
Sig.		1.000	.306	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 3.165E-03.

a. Uses Harmonic Mean Sample Size = 24.000.

b. Alpha = .05.

Perlak
Homogeneous Subsets

WARNA

Duncan^{a,b}

PERLAK	N	Subset			
		1	2	3	4
vp,asam,dehumidifier	12	.57408			
vp,asam,oven	12	.59967			
non-vp,asam,dehumidifier	12		.63575		
non-vp,asam,oven	12		.63692	.63692	
vp,non-asam,dehumidifier	12		.64783	.64783	.64783
non-vp,non-asam,dehumidifier	12			.65208	.65208
vp,non-asam,oven	12			.66867	.66867
non-vp,non-asam,oven	12				.68825
Sig.		.268	.057	.209	.112

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 3.165E-03.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Lampiran 7. Hasil analisis *two way anova* masing-masing perlakuan dan lama penyimpanan terhadap kadar gula.

Between-Subjects Factors

		Value Label	N
PENYIMP	1	satu	24
	2	dua	24
	3	tiga	24
	4	empat	24
PERLAK	1	non-vp,non-asam,oven	12
	2	non-vp,non-asam,dehumidifier	12
	3	non-vp,asam,oven	12
	4	non-vp,asam,dehumidifier	12
	5	vp,non-asam,oven	12
	6	vp,non-asam,dehumidifier	12
	7	vp,asam,oven	12
	8	vp,asam,dehumidifier	12

Tests of Between-Subjects Effects

Dependent Variable: K_GL

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1062.459 ^a	31	34.273	.942	.562
Intercept	78158.343	1	78158.343	2148.162	.000
PENYIMP	781.777	3	260.592	7.162	.000
PERLAK	143.967	7	20.567	.565	.781
PENYIMP * PERLAK	136.715	21	6.510	.179	1.000
Error	2328.505	64	36.383		
Total	81547.308	96			
Corrected Total	3390.964	95			

a. R Squared = .313 (Adjusted R Squared = -.019)

Descriptive Statistics

Dependent Variable: K_GL

PENYIMP	PERLAK	Mean	Std. Deviation	N
satu	non-vp,non-asam,oven	31.39063	6.56720802	3
	non-vp,non-asam,dehumidifier	32.05833	5.51487114	3
	non-vp,asam,oven	29.72292	7.51557387	3
	non-vp,asam,dehumidifier	33.39552	2.64976532	3
	vp,non-asam,oven	31.72479	6.11862485	3
	vp,non-asm,dehumidifier	32.72875	2.08486777	3
	vp,asam,oven	32.39365	3.61131461	3
	vp,asam,dehumidifier	31.39229	2.65106738	3
	Total	31.85086	4.28943944	24
dua	non-vp,non-asam,oven	27.36204	3.58151268	3
	non-vp,non-asam,dehumidifier	28.72083	5.87034514	3
	non-vp,asam,oven	27.38604	3.61136059	3
	non-vp,asam,dehumidifier	29.38886	2.65118659	3
	vp,non-asam,oven	31.05740	9.51441879	3
	vp,non-asm,dehumidifier	31.39146	5.57803607	3
	vp,asam,oven	31.39208	7.22167661	3
	vp,asam,dehumidifier	33.06167	3.51757959	3
	Total	29.97005	5.09700432	24
tiga	non-vp,non-asam,oven	24.04948	6.66663679	3
	non-vp,non-asam,dehumidifier	27.38750	7.55964425	3
	non-vp,asam,oven	26.72000	10.03142271	3
	non-vp,asam,dehumidifier	27.05333	7.38242056	3
	vp,non-asam,oven	30.05688	2.52174419	3
	vp,non-asm,dehumidifier	28.05500	6.11814783	3
	vp,asam,oven	30.72438	4.17138645	3
	vp,asam,dehumidifier	31.39063	10.54553086	3
	Total	28.17965	6.53576911	24
empat	non-vp,non-asam,oven	24.04813	4.51322074	3
	non-vp,non-asam,dehumidifier	23.71354	4.72963105	3
	non-vp,asam,oven	23.71330	10.61489436	3
	non-vp,asam,dehumidifier	23.37979	6.08913465	3
	vp,non-asam,oven	22.38042	6.56554005	3
	vp,non-asm,dehumidifier	27.05146	3.06125887	3
	vp,asam,oven	23.71417	5.03810734	3
	vp,asam,dehumidifier	25.04875	3.51485130	3
	Total	24.13119	5.13302005	24
Total	non-vp,non-asam,oven	26.71257	5.64904926	12
	non-vp,non-asam,dehumidifier	27.97005	5.99992130	12
	non-vp,asam,oven	26.88557	7.51264120	12
	non-vp,asam,dehumidifier	28.30438	5.79963154	12
	vp,non-asam,oven	28.80487	6.90307813	12
	vp,non-asm,dehumidifier	29.80667	4.56923883	12
	vp,asam,oven	29.55607	5.69450355	12
	vp,asam,dehumidifier	30.22333	6.01975778	12
	Total	28.53294	5.97447586	96

Post Hoc Tests
Penyimp
Homogeneous Subsets

K_GL

Duncan^{a,b}

PENYIMP	N	Subset		
		1	2	3
empat	24	24.13119		
tiga	24		28.17965	
dua	24		29.97005	
satu	24			31.85086
Sig.		1.000	.253	.230

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 29.003.

a. Uses Harmonic Mean Sample Size = 24.000.

b. Alpha = .05.

Perlak
Homogeneous Subsets

K_GL

Duncan^{a,b}

PERLAK	N	Subset
		1
non-vp,non-asam,oven	12	26.71257
non-vp,asam,oven	12	26.88557
non-vp,non-asam,dehumidifier	12	27.97005
non-vp,asam,dehumidifier	12	28.30438
vp,non-asam,oven	12	28.80487
vp,asam,oven	12	29.55607
vp,non-asm,dehumidifier	12	29.80667
vp,asam,dehumidifier	12	30.22333
Sig.		.180

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 29.003.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Lampiran 8. Hasil analisis *two way anova* masing-masing perlakuan dan lama penyimpanan terhadap total kapang.

Between-Subjects Factors

		Value Label	N
PENYIMP	1	satu	24
	2	dua	24
	3	tiga	24
	4	empat	24
PERLAK	1	non-vp,non-asam,oven	12
	2	non-vp,non-asam,dehumidifier	12
	3	non-vp,asam,oven	12
	4	non-vp,asam,dehumidifier	12
	5	vp,non-asam,oven	12
	6	vp,non-asam,dehumidifier	12
	7	vp,asam,oven	12
	8	vp,asam,dehumidifier	12

Tests of Between-Subjects Effects

Dependent Variable: T_KPNG

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	13375.625 ^a	31	431.472	2.216	.004
Intercept	266915.042	1	266915.042	1370.845	.000
PENYIMP	8702.542	3	2900.847	14.898	.000
PERLAK	3193.125	7	456.161	2.343	.034
PENYIMP * PERLAK	1479.958	21	70.474	.362	.994
Error	12461.333	64	194.708		
Total	292752.000	96			
Corrected Total	25836.958	95			

a. R Squared = .518. (Adjusted R Squared = .284)

Descriptive Statistics

Dependent Variable: T_KPNG

PENYIMP	PERLAK	Mean	Std. Deviation	N
satu	non-vp,non-asam,oven	52.00	3.606	3
	non-vp,non-asam,dehumidifier	45.33	4.041	3
	non-vp,asam,oven	36.67	10.263	3
	non-vp,asam,dehumidifier	33.33	8.505	3
	vp,non-asam,oven	45.33	8.505	3
	vp,non-asm,dehumidifier	36.67	33.081	3
	vp,asam,oven	35.33	8.505	3
	vp,asam,dehumidifier	39.33	11.504	3
	Total	40.50	13.221	24
dua	non-vp,non-asam,oven	58.67	6.658	3
	non-vp,non-asam,dehumidifier	50.00	2.000	3
	non-vp,asam,oven	41.33	21.032	3
	non-vp,asam,dehumidifier	45.67	6.506	3
	vp,non-asam,oven	54.67	6.110	3
	vp,non-asm,dehumidifier	42.67	14.742	3
	vp,asam,oven	41.67	5.686	3
	vp,asam,dehumidifier	41.00	14.000	3
	Total	46.96	11.411	24
tiga	non-vp,non-asam,oven	60.33	13.650	3
	non-vp,non-asam,dehumidifier	65.00	7.550	3
	non-vp,asam,oven	64.67	20.744	3
	non-vp,asam,dehumidifier	56.00	4.000	3
	vp,non-asam,oven	64.33	6.110	3
	vp,non-asm,dehumidifier	64.33	14.572	3
	vp,asam,oven	52.67	3.512	3
	vp,asam,dehumidifier	42.67	7.506	3
	Total	58.75	12.055	24
empat	non-vp,non-asam,oven	73.00	8.185	3
	non-vp,non-asam,dehumidifier	70.67	32.316	3
	non-vp,asam,oven	66.00	17.349	3
	non-vp,asam,dehumidifier	65.33	17.388	3
	vp,non-asam,oven	68.00	9.849	3
	vp,non-asm,dehumidifier	67.33	21.079	3
	vp,asam,oven	62.00	17.776	3
	vp,asam,dehumidifier	45.33	7.506	3
	Total	64.71	17.165	24
Total	non-vp,non-asam,oven	61.00	10.930	12
	non-vp,non-asam,dehumidifier	57.75	17.950	12
	non-vp,asam,oven	52.17	20.613	12
	non-vp,asam,dehumidifier	50.08	15.282	12
	vp,non-asam,oven	58.08	11.373	12
	vp,non-asm,dehumidifier	52.75	23.468	12
	vp,asam,oven	47.92	13.886	12
	vp,asam,dehumidifier	42.08	9.249	12
	Total	52.73	16.491	96

Post Hoc Tests
Penyimp
Homogeneous Subsets

T_KPNG

Duncan^{a,b}

PENYIMP	N	Subset	
		1	2
satu	24	40.50	
dua	24	46.96	
tiga	24		58.75
empat	24		64.71
Sig.		.084	.111

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 164.015.

- Uses Harmonic Mean Sample Size = 24.000.
- Alpha = .05.

Perlak
Homogeneous Subsets

T_KPNG

Duncan^{a,b}

PERLAK	N	Subset		
		1	2	3
vp,asam,dehumidifier	12	42.08		
vp,asam,oven	12	47.92		
non-vp,asam,dehumidifier	12	50.08	50.08	
non-vp,asam,oven	12	52.17	52.17	52.17
vp,non-asm,dehumidifier	12	52.75	52.75	52.75
non-vp,non-asam,dehumidifier	12		57.75	57.75
vp,non-asam,oven	12			58.08
non-vp,non-asam,oven	12			61.00
Sig.		.071	.092	.070

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 164.015.

- Uses Harmonic Mean Sample Size = 12.000.
- Alpha = .05.

Lampiran 9 Uji Organoleptik dengan *Chi-square* untuk Warna
Frequencies

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	256	321.6	-65.6
non-vp,non-asam,dehumidifier	288	321.6	-33.6
non-vp,asam,oven	318	321.6	-3.6
non-vp,asam,dehumidifier	358	321.6	36.4
vp,non-asam,oven	261	321.6	-60.6
vp,non-asam,dehumidifier	290	321.6	-31.6
vp,asam,oven	376	321.6	54.4
vp,asam,dehumidifier	426	321.6	104.4
Total	2573		

Test Statistics

	PERLAK
Chi-Square ^a	78.663
df	7
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 321.6.

Perbandingan antar masing-masing perlakuan dari uji organoleptik dengan *chi-square* untuk warna :

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	256	287.0	-31.0
non-vp,asam,oven	318	287.0	31.0
Total	574		

Test Statistics

	PERLAK
Chi-Square ^a	6.697
df	1
Asymp. Sig.	.010

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 287.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	256	307.0	-51.0
non-vp,asam,dehumidifier	358	307.0	51.0
Total	614		

Test Statistics

	PERLAK
Chi-Square ^a	16.945
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 307.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	256	316.0	-60.0
vp,asam,oven	376	316.0	60.0
Total	632		

Test Statistics

	PERLAK
Chi-Square ^a	22.785
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 316.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	256	341.0	-85.0
vp,asam,dehumidifier	426	341.0	85.0
Total	682		

Test Statistics

	PERLAK
Chi-Square ^a	42.375
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 341.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	288	323.0	-35.0
non-vp,asam,dehumidifier	358	323.0	35.0
Total	646		

Test Statistics

	PERLAK
Chi-Square ^a	7.585
df	1
Asymp. Sig.	.006

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 323.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	288	332.0	-44.0
vp,asam,oven	376	332.0	44.0
Total	664		

Test Statistics

	PERLAK
Chi-Square ^a	11.663
df	1
Asymp. Sig.	.001

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 332.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	288	357.0	-69.0
vp,asam,dehumidifier	426	357.0	69.0
Total	714		

Test Statistics

	PERLAK
Chi-Square ^a	26.672
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 357.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	318	289.5	28.5
vp,non-asam,oven	261	289.5	-28.5
Total	579		

Test Statistics

	PERLAK
Chi-Square ^a	5.611
df	1
Asymp. Sig.	.018

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 289.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	318	347.0	-29.0
vp,asam,oven	376	347.0	29.0
Total	694		

Test Statistics

	PERLAK
Chi-Square ^a	4.847
df	1
Asymp. Sig.	.028

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 347.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	318	372.0	-54.0
vp,asam,dehumidifier	426	372.0	54.0
Total	744		

Test Statistics

	PERLAK
Chi-Square ^a	15.677
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 372.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,deh umidifier	358	309.5	48.5
vp,non-asam,oven	261	309.5	-48.5
Total	619		

Test Statistics

	PERLAK
Chi-Square ^a	15.200
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 309.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam, dehumidifier	358	324.0	34.0
vp,non-asam, dehumidifier	290	324.0	-34.0
Total	648		

Test Statistics

	PERLAK
Chi-Square ^a	7.136
df	1
Asymp. Sig.	.008

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 324.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,dehumi difier	358	392.0	-34.0
vp,asam,dehumidifier	426	392.0	34.0
Total	784		

Test Statistics

	PERLAK
Chi-Square ^a	5.898
df	1
Asymp. Sig.	.015

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 392.0.

PERLAK

	Observed N	Expected N	Residual
vp,non-asam,oven	261	318.5	-57.5
vp,asam,oven	373	318.5	57.5
Total	637		

Test Statistics

	PERLAK
Chi-Square ^a	20.761
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 318.5.

PERLAK

	Observed N	Expected N	Residual
vp,non-asam,oven	261	343.5	-82.5
vp,asam,dehumidifier	426	343.5	82.5
Total	687		

Test Statistics

	PERLAK
Chi-Square ^a	39.629
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 343.5.

PERLAK

	Observed N	Expected N	Residual
vp,non-asam,dehumidifier	290	333.0	-43.0
vp,asam,oven	376	333.0	43.0
Total	666		

Test Statistics

	PERLAK
Chi-Square ^a	11.105
df	1
Asymp. Sig.	.001

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 333.0.

PERLAK

	Observed N	Expected N	Residual
vp,non-asam,dehumidifier	290	358.0	-68.0
vp,asam,dehumidifier	426	358.0	68.0
Total	716		

Test Statistics

	PERLAK
Chi-Square ^a	25.832
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 358.0.

Lampiran 10 Uji Organoleptik dengan *Chi-square* untuk Bau

Frequencies

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	269	323.6	-54.6
non-vp,non-asam,dehumidifier	280	323.6	-43.6
non-vp,asam,oven	285	323.6	-38.6
non-vp,asam,dehumidifier	298	323.6	-25.6
vp,non-asam,oven	322	323.6	-1.6
vp,non-asam,dehumidifier	340	323.6	16.4
vp,asam,oven	374	323.6	50.4
vp,asam,dehumidifier	421	323.6	97.4
Total	2589		

Test Statistics

	PERLAK
Chi-Square ^a	59.717
df	7
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 323.6.

Perbandingan antar masing-masing perlakuan dari uji organoleptik dengan *chi-square* untuk bau :

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	260	289.5	-29.5
non-vp,non-asam,dehumidifier	319	289.5	29.5
Total	579		

Test Statistics

	PERLAK
Chi-Square ^a	6.012
df	1
Asymp. Sig.	.014

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 289.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	260	291.0	-31.0
vp,non-asam,oven	322	291.0	31.0
Total	582		

Test Statistics

	PERLAK
Chi-Square ^a	6.605
df	1
Asymp. Sig.	.010

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 291.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	260	300.0	-40.0
vp,non-asam,dehumidifier	340	300.0	40.0
Total	600		

Test Statistics

	PERLAK
Chi-Square ^a	10.667
df	1
Asymp. Sig.	.001

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 300.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	260	317.0	-57.0
vp,asam,oven	374	317.0	57.0
Total	634		

Test Statistics

	PERLAK
Chi-Square ^a	20.498
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 317.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	260	329.5	-69.5
vp,asam,dehumidifier	399	329.5	69.5
Total	659		

Test Statistics

	PERLAK
Chi-Square ^a	29.319
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 329.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	319	346.5	-27.5
vp,asam,oven	374	346.5	27.5
Total	693		

Test Statistics

	PERLAK
Chi-Square ^a	4.365
df	1
Asymp. Sig.	.037

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 346.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	319	359.0	-40.0
vp,asam,dehumidifier	399	359.0	40.0
Total	718		

Test Statistics

	PERLAK
Chi-Square ^a	8.914
df	1
Asymp. Sig.	.003

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 359.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	285	312.5	-27.5
vp,non-asam,dehumidifier	340	312.5	27.5
Total	625		

Test Statistics

	PERLAK
Chi-Square ^a	4.840
df	1
Asymp. Sig.	.028

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 312.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	285	329.5	-44.5
vp,asam,oven	374	329.5	44.5
Total	659		

Test Statistics

	PERLAK
Chi-Square ^a	12.020
df	1
Asymp. Sig.	.001

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 329.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	285	342.0	-57.0
vp,asam,dehumidifier	399	342.0	57.0
Total	684		

Test Statistics

	PERLAK
Chi-Square ^a	19.000
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 342.0.

Test Statistics

	PERLAK
Chi-Square ^a	3.885
df	1
Asymp. Sig.	.049

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 348.0.

PERLAK

	Observed N	Expected N	Residual
vp,non-asam,oven	322	360.5	-38.5
vp,asam,dehumidifier	399	360.5	38.5
Total	721		

Test Statistics

	PERLAK
Chi-Square ^a	8.223
df	1
Asymp. Sig.	.004

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 360.5.

PERLAK

	Observed N	Expected N	Residual
vp,non-asam,dehumidifier	340	369.5	-29.5
vp,asam,dehumidifier	399	369.5	29.5
Total	739		

Test Statistics

	PERLAK
Chi-Square ^a	4.710
df	1
Asymp. Sig.	.030

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 369.5.

Lampiran 1 Uji Organoleptik dengan *Chi-square* untuk Penampilan Keseluruhan

Frequencies

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	230	309.5	-79.5
non-vp,non-asam,dehumidifier	265	309.5	-44.5
non-vp,asam,oven	305	309.5	-4.5
non-vp,asam,dehumidifier	282	309.5	-27.5
vp,non-asam,oven	334	309.5	24.5
vp,non-asam,dehumidifier	316	309.5	6.5
vp,asam,oven	365	309.5	55.5
vp,asam,dehumidifier	379	309.5	69.5
Total	2476		

Test Statistics

	PERLAK
Chi-Square ^a	56.963
df	7
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 309.5.

Perbandingan antar masing-masing perlakuan dari uji organoleptik dengan *chi-square* untuk penampilan keseluruhan :

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	228	266.5	-38.5
non-vp,asam,oven	305	266.5	38.5
Total	533		

Test Statistics

	PERLAK
Chi-Square ^a	11.124
df	1
Asymp. Sig.	.001

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 266.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	228	255.0	-27.0
non-vp,asam,dehumidifier	282	255.0	27.0
Total	510		

Test Statistics

	PERLAK
Chi-Square ^a	5.718
df	1
Asymp. Sig.	.017

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 255.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	228	284.0	-56.0
vp,non-asam,oven	340	284.0	56.0
Total	568		

Test Statistics

	PERLAK
Chi-Square ^a	22.085
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 284.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	228	279.0	-51.0
vp,non-asam,dehumidifier	330	279.0	51.0
Total	558		

Test Statistics

	PERLAK
Chi-Square ^a	18.645
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 279.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	228	288.5	-60.5
vp,asam,oven	349	288.5	60.5
Total	577		

Test Statistics

	PERLAK
Chi-Square ^a	25.374
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 288.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	228	303.5	-75.5
vp,asam,dehumidifier	379	303.5	75.5
Total	607		

Test Statistics

	PERLAK
Chi-Square ^a	37.563
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 303.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	265	302.5	-37.5
vp,non-asam,oven	340	302.5	37.5
Total	605		

Test Statistics

	PERLAK
Chi-Square ^a	9.298
df	1
Asymp. Sig.	.002

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 302.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	265	297.5	-32.5
vp,non-asam,dehumidifier	330	297.5	32.5
Total	595		

Test Statistics

	PERLAK
Chi-Square ^a	7.101
df	1
Asymp. Sig.	.008

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 297.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	265	307.0	-42.0
vp,asam,oven	349	307.0	42.0
Total	614		

Test Statistics

	PERLAK
Chi-Square ^a	11.492
df	1
Asymp. Sig.	.001

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 307.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	265	322.0	-57.0
vp,asam,dehumidifier	379	322.0	57.0
Total	644		

Test Statistics

	PERLAK
Chi-Square ^a	20.180
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 322.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	305	342.0	-37.0
vp,asam,dehumidifier	379	342.0	37.0
Total	684		

Test Statistics

	PERLAK
Chi-Square ^a	8.006
df	1
Asymp. Sig.	.005

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 342.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,dehumidifier	282	311.0	-29.0
vp,non-asam,oven	340	311.0	29.0
Total	622		

Test Statistics

	PERLAK
Chi-Square ^a	5.408
df	1
Asymp. Sig.	.020

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 311.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,dehumidifier	282	315.5	-33.5
vp,asam,oven	349	315.5	33.5
Total	631		

Test Statistics

	PERLAK
Chi-Square ^a	7.114
df	1
Asymp. Sig.	.008

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 315.5.

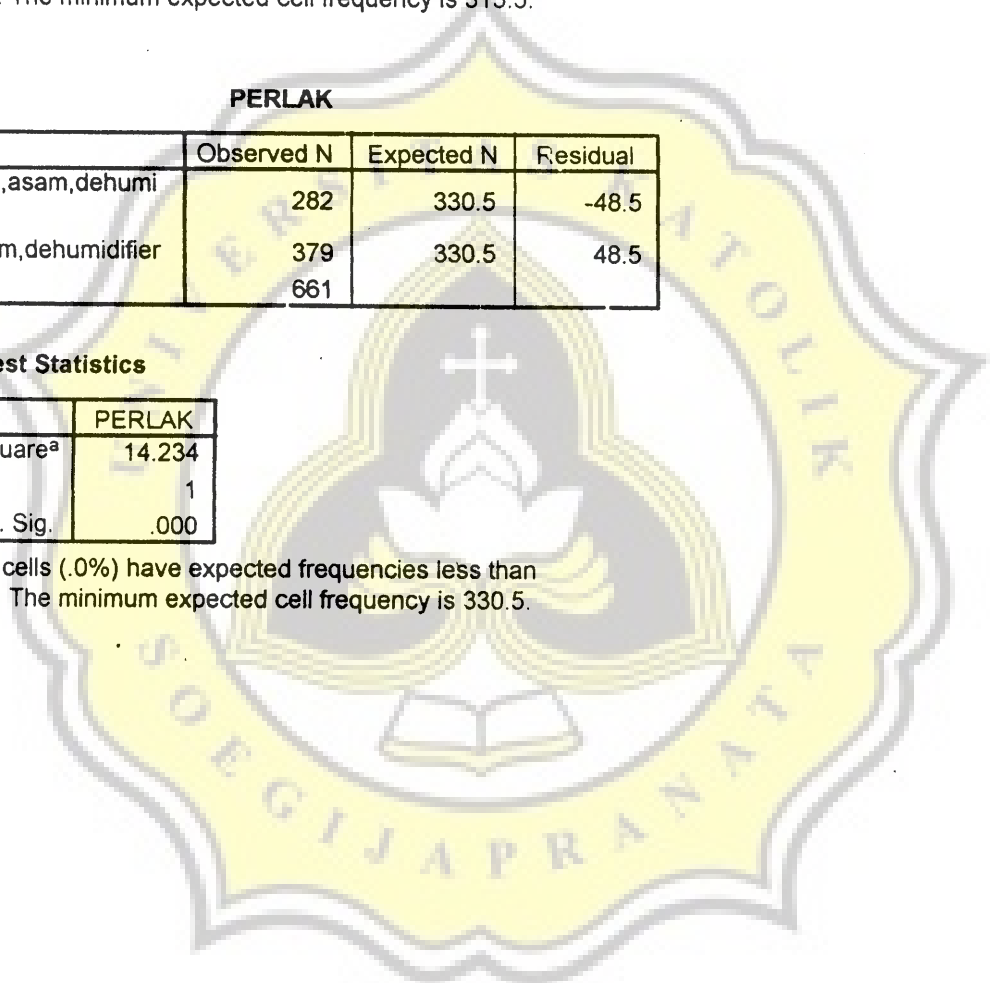
PERLAK

	Observed N	Expected N	Residual
non-vp,asam,dehumidifier	282	330.5	-48.5
vp,asam,dehumidifier	379	330.5	48.5
Total	661		

Test Statistics

	PERLAK
Chi-Square ^a	14.234
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 330.5.



Lampiran 12. Uji Organoleptik dengan *Chi-square* untuk Tekstur

Frequencies

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	273	326.0	-53.0
non-vp,non-asam,dehumidifier	301	326.0	-25.0
non-vp,asam,oven	300	326.0	-26.0
non-vp,asam,dehumidifier	288	326.0	-40.0
vp,non-asam,oven	330	326.0	4.0
vp,non-asam,dehumidifier	378	326.0	52.0
vp,asam,oven	350	326.0	24.0
vp,asam,dehumidifier	390	326.0	64.0
Total	2608		

Test Statistics

	PERLAK
Chi-Square ^a	40.190
df	7
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 326.0.

Perbandingan antar masing-masing perlakuan dari uji organoleptik dengan *chi-square* untuk tekstur :

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	273	301.5	-28.5
vp,non-asam,oven	330	301.5	28.5
Total	603		

Test Statistics

	PERLAK
Chi-Square ^a	5.388
df	1
Asymp. Sig.	.020

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 301.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	273	325.5	-52.5
vp,non-asam,dehumidifier	378	325.5	52.5
Total	651		

Test Statistics

	PERLAK
Chi-Square ^a	16.935
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 325.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	273	311.5	-38.5
vp,asam,oven	350	311.5	38.5
Total	623		

Test Statistics

	PERLAK
Chi-Square ^a	9.517
df	1
Asymp. Sig.	.002

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 311.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	273	331.5	-58.5
vp,asam,dehumidifier	390	331.5	58.5
Total	663		

Test Statistics

	PERLAK
Chi-Square ^a	20.647
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 331.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	301	339.5	-38.5
vp,non-asam,dehumidifier	378	339.5	38.5
Total	679		

Test Statistics

	PERLAK
Chi-Square ^a	8.732
df	1
Asymp. Sig.	.003

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 339.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	301	345.5	-44.5
vp,asam,dehumidifier	390	345.5	44.5
Total	691		

Test Statistics

	PERLAK
Chi-Square ^a	11.463
df	1
Asymp. Sig.	.001

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 345.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	300	339.0	-39.0
vp,non-asam,dehumidifier	378	339.0	39.0
Total	678		

Test Statistics

	PERLAK
Chi-Square ^a	8.973
df	1
Asymp. Sig.	.003

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 339.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	300	345.0	-45.0
vp,asam,dehumidifier	390	345.0	45.0
Total	690		

Test Statistics

	PERLAK
Chi-Square ^a	11.739
df	1
Asymp. Sig.	.001

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 345.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam, dehumidifier	286	332.0	-46.0
vp,non-asam, dehumidifier	378	332.0	46.0
Total	664		

Test Statistics

	PERLAK
Chi-Square ^a	12.747
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 332.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam, dehumidifier	286	318.0	-32.0
vp,asam,oven	350	318.0	32.0
Total	636		

Test Statistics

	PERLAK
Chi-Square ^a	6.440
df	1
Asymp. Sig.	.011

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 318.0.

PERLAK

	Observed N	Expected N	Residual
non-vp, asam, dehumidifier	286	338.0	-52.0
vp, asam, dehumidifier	390	338.0	52.0
Total	676		

Test Statistics

	PERLAK
Chi-Square ^a	16.000
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 338.0.

PERLAK

	Observed N	Expected N	Residual
vp, non-asam, oven	330	360.0	-30.0
vp, asam, dehumidifier	390	360.0	30.0
Total	720		

Test Statistics

	PERLAK
Chi-Square ^a	5.000
df	1
Asymp. Sig.	.025

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 360.0.

Lampiran 13. Uji Organoleptik dengan *Chi-square* untuk Rasa

Frequencies

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	266	310.4	-44.4
non-vp,non-asam,dehumidifier	263	310.4	-47.4
non-vp,asam,oven	254	310.4	-56.4
non-vp,asam,dehumidifier	295	310.4	-15.4
vp,non-asam,oven	367	310.4	56.6
vp,non-asam,dehumidifier	327	310.4	16.6
vp,asam,oven	323	310.4	12.6
vp,asam,dehumidifier	388	310.4	77.6
Total	2483		

Test Statistics

	PERLAK
Chi-Square ^a	55.726
df	7
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 310.4.

Perbandingan antar masing-masing perlakuan dari uji organoleptik dengan *chi-square* untuk rasa :

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	266	316.5	-50.5
vp,non-asam,oven	367	316.5	50.5
Total	633		

Test Statistics

	PERLAK
Chi-Square ^a	16.115
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 316.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	266	296.5	-30.5
vp,non-asam,dehumidifier	327	296.5	30.5
Total	593		

Test Statistics

	PERLAK
Chi-Square ^a	6.275
df	1
Asymp. Sig.	.012

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 296.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	266	294.5	-28.5
vp,asam,oven	323	294.5	28.5
Total	589		

Test Statistics

	PERLAK
Chi-Square ^a	5.516
df	1
Asymp. Sig.	.019

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 294.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,oven	266	327.0	-61.0
vp,asam,dehumidifier	388	327.0	61.0
Total	654		

Test Statistics

	PERLAK
Chi-Square ^a	22.758
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 327.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	263	315.0	-52.0
vp,non-asam,oven	367	315.0	52.0
Total	630		

Test Statistics

	PERLAK
Chi-Square ^a	17.168
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 315.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	263	295.0	-32.0
vp,non-asam,dehumidifier	327	295.0	32.0
Total	590		

Test Statistics

	PERLAK
Chi-Square ^a	6.942
df	1
Asymp. Sig.	.008

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 295.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	263	293.0	-30.0
vp,asam,oven	323	293.0	30.0
Total	586		

Test Statistics

	PERLAK
Chi-Square ^a	6.143
df	1
Asymp. Sig.	.013

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 293.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,non-asam,dehumidifier	263	325.5	-62.5
vp,asam,dehumidifier	388	325.5	62.5
Total	651		

Test Statistics

	PERLAK
Chi-Square ^a	24.002
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 325.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	254	310.5	-56.5
vp,non-asam,oven	367	310.5	56.5
Total	621		

Test Statistics

	PERLAK
Chi-Square ^a	20.562
df	1
Asymp. Sig.	.000

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 310.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	254	290.5	-36.5
vp,non-asam,dehumidifier	327	290.5	36.5
Total	581		

Test Statistics

	PERLAK
Chi-Square ^a	9.172
df	1
Asymp. Sig.	.002

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 290.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	254	288.5	-34.5
vp,asam,oven	323	288.5	34.5
Total	577		

Test Statistics

	PERLAK
Chi-Square ^a	8.251
df	1
Asymp. Sig.	.004

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 288.5.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,oven	254	321.0	-67.0
vp,asam,dehumidifier	388	321.0	67.0
Total	642		

Test Statistics

	PERLAK
Chi-Square ^a	27.969
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 321.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,dehumidifier	295	331.0	-36.0
vp,non-asam,oven	367	331.0	36.0
Total	662		

Test Statistics

	PERLAK
Chi-Square ^a	7.831
df	1
Asymp. Sig.	.005

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 331.0.

PERLAK

	Observed N	Expected N	Residual
non-vp,asam,dehumidifier	295	341.5	-46.5
vp,asam,dehumidifier	388	341.5	46.5
Total	683		

Test Statistics

	PERLAK
Chi-Square ^a	12.663
df	1
Asymp. Sig.	.000

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 341.5.

PERLAK

	Observed N	Expected N	Residual
vp,non-asam,dehumidifier	327	357.5	-30.5
vp,asam,dehumidifier	388	357.5	30.5
Total	715		

Test Statistics

	PERLAK
Chi-Square ^a	5.204
df	1
Asymp. Sig.	.023

- a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 357.5.