

7. LAMPIRAN

Lampiran 1. Uji Normalitas

Tests of Normality						
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
pH	.096	24	.200 [*]	.957	24	.373
L	.172	24	.063	.910	24	.034
a	.184	24	.034	.884	24	.010
b	.182	24	.039	.898	24	.019
brix	.117	24	.200 [*]	.965	24	.541
KA	.162	24	.104	.895	24	.017

*. This is a lower bound of the true significance.
a. Lilliefors Significance Correction

Lampiran 2. *One Way ANOVA*

7.2.1. Kadar Air *natural*

Duncan^{a,b}

roasting	N	Subset		
		1	2	3
3	4	1.09325		
2	4		1.71350	
1	4			2.50025
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .001.

a. Uses Harmonic Mean Sample Size = 4.000.

b. Alpha = .05.

7.2.2. Kadar Air *Full wash*

ka_f

Duncan^{a,b}

roasting	N	Subset		
		1	2	3
3	4	1.30100		
2	4		1.87125	
1	4			2.88125
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .001.

- a. Uses Harmonic Mean Sample Size = 4.000.
- b. Alpha = .05.

7.2.3. Kadar Gula *Natural*

brix_n

Duncan^{a,b}

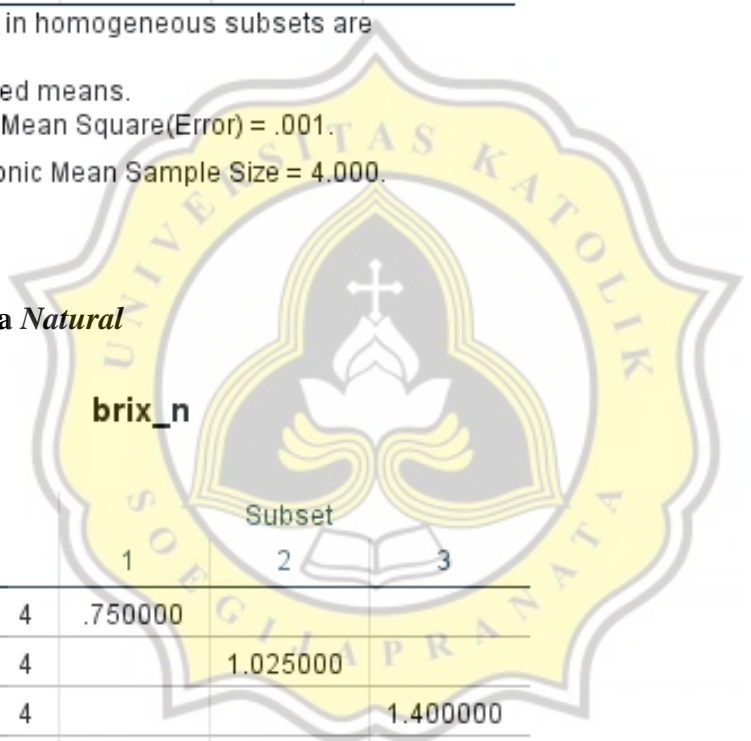
roasting	N	Subset		
		1	2	3
3	4	.750000		
1	4		1.025000	
2	4			1.400000
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .004.

- a. Uses Harmonic Mean Sample Size = 4.000.
- b. Alpha = .05.



7.2.4. Kadar Gula *Full wash*

brix_f

Duncan^{a,b}

roasting	N	Subset		
		1	2	3
3	4	.5500		
1	4		.8500	
2	4			1.1250
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .005.

a. Uses Harmonic Mean Sample Size = 4.000.

b. Alpha = .05.

7.2.5. pH *Natural*

ph_n

Duncan^{a,b}

roasting	N	Subset		
		1	2	3
1	4	5.3250		
2	4		5.6000	
3	4			6.0750
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .004.

a. Uses Harmonic Mean Sample Size = 4.000.

b. Alpha = .05.

7.2.6. pH full wash

ph_f

Duncan^{a,b}

roasting	N	Subset		
		1	2	3
1	4	5.0750		
2	4		5.4200	
3	4			5.7450
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .003.

a. Uses Harmonic Mean Sample Size = 4.000.

b. Alpha = .05.

7.2.7. Lightenss Natural

L_n

Duncan^{a,b}

roasting	N	Subset		
		1	2	3
3	4	36.13800		
2	4		38.15700	
1	4			44.00325
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .248.

a. Uses Harmonic Mean Sample Size = 4.000.

b. Alpha = .05.

7.2.7. Lightenss Full wash

L_f

Duncan^{a,b}

roasting	N	Subset		
		1	2	3
3	4	35.48925		
2	4		36.29525	
1	4			41.26275
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .136.

a. Uses Harmonic Mean Sample Size = 4.000.

b. Alpha = .05.

Lampiran 3. *Independent T-test*

7.3.1. *Green Bean*

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
pH	Equal variances assumed	.368	.566	3.163	6	.019	.16250	.05138	.03679	.28821
	Equal variances not assumed			3.163	5.367	.023	.16250	.05138	.03310	.29190
L	Equal variances assumed			6.348	6	.001	1.40500	.22132	.86344	1.94656
	Equal variances not assumed			6.348	5.988	.001	1.40500	.22132	.86318	1.94682
brix	Equal variances assumed	.500	.506	4.371	6	.005	.27500	.06292	.12105	.42895
	Equal variances not assumed			4.371	5.854	.005	.27500	.06292	.12012	.42988
KA	Equal variances assumed	.607	.466	-6.792	6	.000	-1.5775	.02323	-.21458	-1.0092
	Equal variances not assumed			-6.792	5.202	.001	-1.5775	.02323	-.21677	-.09873

7.3.2. *Roast Bean*

7.3.2.1. *Light Roast*

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
pH	Equal variances assumed	.368	.566	3.163	6	.019	.16250	.05138	.03679	.28821
	Equal variances not assumed			3.163	5.367	.023	.16250	.05138	.03310	.29190
L	Equal variances assumed			6.348	6	.001	1.40500	.22132	.86344	1.94656
	Equal variances not assumed			6.348	5.988	.001	1.40500	.22132	.86318	1.94682
brix	Equal variances assumed	.500	.506	4.371	6	.005	.27500	.06292	.12105	.42895
	Equal variances not assumed			4.371	5.854	.005	.27500	.06292	.12012	.42988
KA	Equal variances assumed	.607	.466	-6.792	6	.000	-1.5775	.02323	-.21458	-1.0092
	Equal variances not assumed			-6.792	5.202	.001	-1.5775	.02323	-.21677	-.09873

7.3.2.2. *Medium Roast*

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
pH	Equal variances assumed	.368	.566	3.163	6	.019	.16250	.05138	.03679	.28821
	Equal variances not assumed			3.163	5.367	.023	.16250	.05138	.03310	.29190
L	Equal variances assumed			6.348	6	.001	1.40500	.22132	.86344	1.94656
	Equal variances not assumed			6.348	5.988	.001	1.40500	.22132	.86318	1.94682
brix	Equal variances assumed	.500	.506	4.371	6	.005	.27500	.06292	.12105	.42895
	Equal variances not assumed			4.371	5.854	.005	.27500	.06292	.12012	.42988
KA	Equal variances assumed	.607	.466	-6.792	6	.000	-1.5775	.02323	-.21458	-1.0092
	Equal variances not assumed			-6.792	5.202	.001	-1.5775	.02323	-.21677	-.09873

7.3.2.2. Dark Roast

		Independent Samples Test								
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
pH	Equal variances assumed	.026	.876	9.660	6	.000	.32250	.03339	.24081	.40419
	Equal variances not assumed			9.660	5.995	.000	.32250	.03339	.24079	.40421
L	Equal variances assumed	7.237E+16	.000	11.314	6	.000	2.93500	.25942	2.30022	3.56978
	Equal variances not assumed			11.314	3.214	.001	2.93500	.25942	2.13970	3.73030
brix	Equal variances assumed	.	.	4.899	6	.003	.20000	.04082	.10011	.29989
	Equal variances not assumed			4.899	6.000	.003	.20000	.04082	.10011	.29989
KA	Equal variances assumed	2.394	.173	-36.040	6	.000	-.20775	.00576	-.22186	-.19364
	Equal variances not assumed			-36.040	4.627	.000	-.20775	.00576	-.22294	-.19256

7.2.9. Uji Kolerasi

7.2.9.1.°Brix terhadap Sweetness

		Correlations	
		sweetness	brix
Kendall's tau_b	sweetness	Correlation Coefficient	1.000
		Sig. (2-tailed)	.
		N	6
brix	sweetness	Correlation Coefficient	1.000**
		Sig. (2-tailed)	.
		N	6

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

7.2.9.2. pH terhadap Sweetness

		Correlations	
		sweetness	ph
Kendall's tau_b	sweetness	Correlation Coefficient	1.000
		Sig. (2-tailed)	.851
		N	6
ph	sweetness	Correlation Coefficient	-.067
		Sig. (2-tailed)	.851
		N	6

7.2.9.3. Acidity terhadap Sweetness

		Correlations	
		sweetness	ph
Kendall's tau_b	sweetness	Correlation Coefficient	1.000
		Sig. (2-tailed)	.851
		N	6
ph	sweetness	Correlation Coefficient	-.067
		Sig. (2-tailed)	.851
		N	6

7.2.9.4. *Body* terhadap *Sweetness*

		Correlations	
		sweetness	ph
Kendall's tau_b	sweetness	Correlation Coefficient	1.000
		Sig. (2-tailed)	.851
		N	6
ph		Correlation Coefficient	-.067
		Sig. (2-tailed)	.851
		N	6

Lampiran 4. Dokumentasi

7.4.1. *Cupping Coffeemason*



7.4.2. *Cupping Kopi 3*





7.4.3. *Cupping* Kemari Kopi







6.11% PLAGIARISM
APPROXIMATELY

Report #10525466

1. PENDAHULUAN Latar Belakang Indonesia merupakan penghasil kopi yang sangat tinggi, tidak tanggung-tanggung Indonesia menempati peringkat empat penghasil kopi terbesar di dunia. Ada beberapa varietas kopi yang umumnya tubuh di Indonesia, antara lain Arabica (*Coffea Arabica L.*), liberica (*Coffea Liberica*), serta robusta (*Coffea Canephora*) (M. Syakir, 2010). Kopi robusta (*Coffea Canephora*) merupakan jenis kopi yang memiliki citarasa smokey, coklat, dan sedikit ke kacang-kacangan dengan rasa asam yang relative rendah, jika di proses dengan metode pasca panen serta profile roasting yang benar. Jenis kopi ini mampu beradaptasi dengan baik pada iklim yang hangat serta dapat tumbuh subur pada ketinggian 100-800 meter (Ramadiana Sri et. al, 2018). Selain itu, didalam kopi memiliki citara rasa manis yang disebabkan adanya proses pasacapanen dan roasting, akan tetapi para petani maupun roaster kesulitan untuk menemukan kombinasi yang yang tepat anantara pascapanen dan proses roasting agar mencapai citarasa manis (sweetness) yang maksimal. Proses pasca panen kopi adalah proses dimana dilakukannya fermentasi pada buah ceri kopi setelah proses pemetikan berlangsung. Proses pasca panen yang umum dilakukan antara lain porses basah (fullwash) dan proses kering (Natural), kedua proses ini memiliki perbedaan pada tahap fermentasi, dimana proses basah