7. LAMPIRAN

Lampiran 1. Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KadarAir	.172	12	.200*	.892	12	.126
WBabu	.168	12	.200*	.932	12	.402
DBabu	.199	12	.200*	.913	12	.234
L	.152	12	.200*	.954	12	.694
a	.250	12	.036	.778	12	.005
b	.326	12	.001	.709	12	.001

a. Lilliefors Significance Correction

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

Uji Normalitas *Green Bean*

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KadarAir	.104	36	.200*	.928	36	.022
WBabu	.082	36	.200*	.986	36	.913
DBabu	.093	36	.200*	.988	36	.965
pH	.136	36	.090	.926	36	.019
L	.072	36	.200*	.978	36	.675
a	.159	36	.022	.910	36	.006
b	.193	36	.002	.899	36	.003

a. Lilliefors Significance Correction

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

Uji Normalitas *Roast Bean*

Lampiran 2. Uji *One Way Anova*

KairN

Duncan

Roasting	N	Subset 1	Subset 2
Dark	6	1.4475	
Medium	6	1.4877	
Light	6		1.9568
Sig.		.688	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .029.

Uji Duncan Kadar Air *Natural*

KairFW

Duncan

Roasting	N	Subset 1	Subset 2
Dark	6	1.4553	
Medium	6	1.6002	
Light	6		2.4300
Sig.		.401	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .084.

Uji Duncan Kadar Air *Full Wash*

WBabuN

Duncan

Roasting	N	Subset 1	Subset 2
Light	6	4.9098	
Medium	6	5.0345	5.0345
Dark	6		5.1803
Sig.		.199	.137

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .026.

Uji Duncan Kadar Abu *Wet Basis Natural*

WBabuFW

Duncan

Roasting	N	Subset 1	Subset 2
Light	6	4.6815	
Medium	6	4.8285	4.8285
Dark	6		4.9670
Sig.		.158	.182

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .029.

Uji Duncan Kadar Abu *Wet Basis Full Wash*

DBabuN

Duncan

Roasting	N	Subset 1	Subset 2
Light	6	5.0082	
Medium	6	5.1105	5.1105
Dark	6		5.2565
Sig.		.296	.143

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .027.

Uji Duncan Kadar Abu *Dry Basis Natural*

DBabuFW

Duncan

Roasting	N	Subset 1	Subset 2
Light	6	4.7980	
Medium	6	4.9070	4.9070
Dark	6		5.0402
Sig.		.298	.208

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .031.

Uji Duncan Kadar Abu *Dry Basis Full Wash*

LN

Duncan

Roasting	N	Subset		
		1	2	3
Dark	6	43.1100		
Medium	6		45.1750	
Light	6			46.6567
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) = .863.

Uji Duncan *Lightness Natural*

LFW

Duncan

Roasting	N	Subset	
		1	2
Dark	6	43.0583	
Medium	6	44.2000	
Light	6		46.0133
Sig.		.146	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 1.661.

Uji Duncan *Lightness Full Wash*

pHN

Duncan

Roasting	N	Subset		
		1	2	3
Light	6	5.4533		
Medium	6		5.6333	
Dark	6			5.9567
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) = 4.00E-005.

Uji Duncan pH *Natural*

pHFW

Duncan

Roasting	N	Subset		
		1	2	3
Light	6	5.2283		
Medium	6		5.5067	
Dark	6			5.7767
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) = 5.00E-005.

Uji Duncan pH *Full Wash*

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Lampiran 3. Uji T

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
K_air	Equal variances assumed	.010	.923	-8.148	10	.000	-1.82400	.22387	-2.32280	-1.32520
	Equal variances not assumed			-8.148	9.747	.000	-1.82400	.22387	-2.32456	-1.32344
WB_abu	Equal variances assumed	.004	.954	1.821	10	.099	.22850	.12546	-.05105	.50805
	Equal variances not assumed			1.821	9.921	.099	.22850	.12546	-.05135	.50835
DB_abu	Equal variances assumed	.000	.992	1.037	10	.324	.14650	.14134	-.16842	.46142
	Equal variances not assumed			1.037	9.953	.324	.14650	.14134	-.16862	.46162
L	Equal variances assumed	.185	.676	1.129	10	.285	.91833	.81354	-.89436	2.73102
	Equal variances not assumed			1.129	9.562	.287	.91833	.81354	-.90567	2.74234

Uji T *Green Bean*

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
K_air	Equal variances assumed	2.381	.154	-3.231	10	.009	-.47317	.14645	-.79948	-.14686
	Equal variances not assumed			-3.231	6.918	.015	-.47317	.14645	-.82030	-.12604
WB_abu	Equal variances assumed	.001	.970	1.721	10	.116	.22833	.13269	-.06732	.52399
	Equal variances not assumed			1.721	9.988	.116	.22833	.13269	-.06737	.52403
DB_abu	Equal variances assumed	.002	.965	1.549	10	.152	.21017	.13564	-.09206	.51239
	Equal variances not assumed			1.549	9.985	.152	.21017	.13564	-.09212	.51245
L	Equal variances assumed	2.991	.114	1.020	10	.332	.64333	.63068	-.76191	2.04857
	Equal variances not assumed			1.020	7.322	.340	.64333	.63068	-.83479	2.12146
pH	Equal variances assumed	.328	.580	60.374	10	.000	.22500	.00373	.21670	.23330
	Equal variances not assumed			60.374	8.853	.000	.22500	.00373	.21655	.23345

Uji T *Light Roast*

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
K_air	Equal variances assumed	.692	.425	-.825	10	.429	-.11250	.13636	-.41632	.19132
	Equal variances not assumed			-.825	8.883	.431	-.11250	.13636	-.42158	.19658
WB_abu	Equal variances assumed	.005	.946	2.708	10	.022	.20600	.07608	.03648	.37552
	Equal variances not assumed			2.708	9.998	.022	.20600	.07608	.03647	.37553
DB_abu	Equal variances assumed	.005	.945	2.633	10	.025	.20350	.07728	.03131	.37569
	Equal variances not assumed			2.633	9.998	.025	.20350	.07728	.03131	.37569
L	Equal variances assumed	.865	.374	1.678	10	.124	.97500	.58109	-.31975	2.26975
	Equal variances not assumed			1.678	8.577	.129	.97500	.58109	-.34946	2.29946
pH	Equal variances assumed	.000	1.000	42.485	10	.000	.12667	.00298	.12002	.13331
	Equal variances not assumed			42.485	10.000	.000	.12667	.00298	.12002	.13331

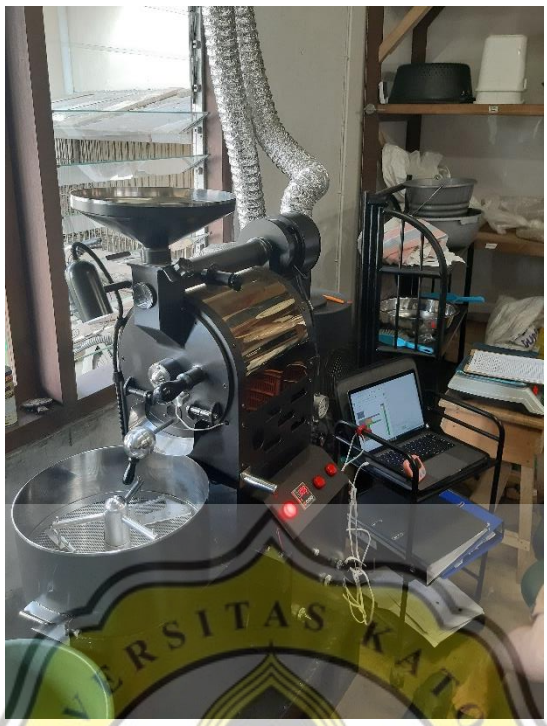
Uji T *Medium Roast*

Independent Samples Test

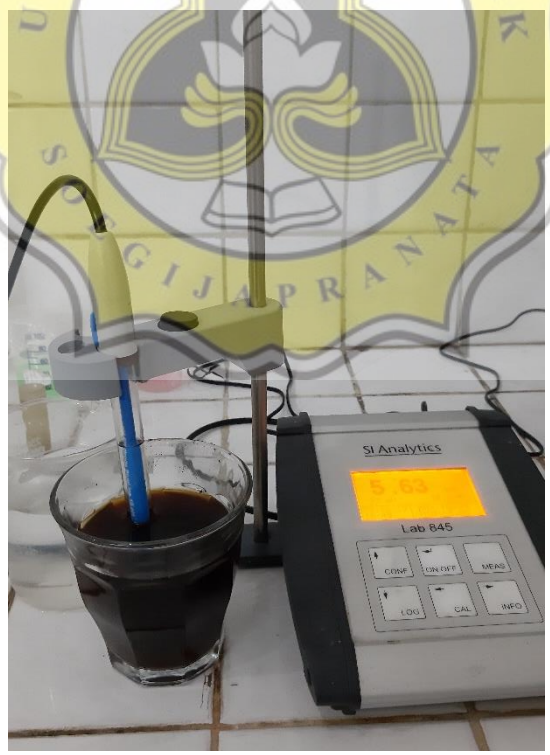
		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
K_air	Equal variances assumed	2.574	.140	-.061	10	.953	-.00783	.12863	-.29443	.27876
	Equal variances not assumed			-.061	8.560	.953	-.00783	.12863	-.30110	.28543
WB_abu	Equal variances assumed	.089	.772	3.278	10	.008	.21333	.06508	.06834	.35833
	Equal variances not assumed			3.278	9.349	.009	.21333	.06508	.06696	.35971
DB_abu	Equal variances assumed	.092	.767	3.269	10	.008	.21633	.06617	.06889	.36377
	Equal variances not assumed			3.269	9.342	.009	.21633	.06617	.06747	.36519
L	Equal variances assumed	3.893	.077	.071	10	.945	.05167	.72577	-1.56544	1.66877
	Equal variances not assumed			.071	7.604	.945	.05167	.72577	-1.63726	1.74060
pH	Equal variances assumed	.000	1.000	38.184	10	.000	.18000	.00471	.16950	.19050
	Equal variances not assumed			38.184	10.000	.000	.18000	.00471	.16950	.19050

Uji T *Dark Roast*

Lampiran 4. Dokumentasi



Gambar 7. Mesin *Roasting* Kopi



Gambar 8. Pengukuran pH

Gambar 9. Sampel Uji Kadar Air dan Kadar Abu

(a)

(b)

Keterangan gambar :
Uji Organoleptik
a) di Kemari Coffee b) di Kopitiga

Lampiran 5. *Form* Uji Organoleptik (*Cupping*)

Coffee Cupping Form

Name : _____

Date : _____

Coffeeshop : _____

Quality scale:			
6.00	7.00	8.00 - Speciality	9.00
6.25	7.25	8.25	9.25
6.50 - Good	7.50 - Very Good	8.50 - Excellent	9.50 - Outstanding
6.75	7.75	8.75	9.75

Sample	Aroma Kering	Aroma Basah	Aftertaste	Acidity
	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10

Sample	Aroma Kering	Aroma Basah	Aftertaste	Acidity
	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10

Sample	Aroma Kering	Aroma Basah	Aftertaste	Acidity
	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10

Sample	Aroma Kering	Aroma Basah	Aftertaste	Acidity
	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10

Sample	Aroma Kering	Aroma Basah	Aftertaste	Acidity
	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10

Sample	Aroma Kering	Aroma Basah	Aftertaste	Acidity
	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10

Lampiran 6. *Plagiarism Report*

PLAGIARISM CHECK.ORG

9.74% PLAGIARISM APPROXIMATELY

Report #12289103

PENDAHULUAN Latar Belakang Pertumbuhan tanaman kopi robusta (Coffea canephora) di Indonesia relatif luas karena dapat tumbuh baik pada daerah yang lebih rendah. Kopi robusta mempunyai ciri-ciri fisik biji agak bulat, lengkngan tebal dengan garis tengah dari atas kebawah hampr rata. Ciri-ciri kopi robusta memilki rasa seperti coklat, pahit, dan sedikit asam, kopi robusta memiliki bau yang khas dan manis. Namun tingkat produksi kopi robusta sangat dpengaaruhi oleh tingkat pemeliharaan pascapanennya (Nopitasari, 2010). Pascapanen kopi adalah suatu kegiatan yang meliputi sortasi buah, pengupasan, fermentasi, pencucian, pengeringan, sortasi biji, pengemasan, penyimpanan, standarisasi mutu, dan transportasi hasil. Proses pascapanen kopi terdiri dari 2 jenis, yaitu proses kopi secara basah (fullwash) dan proses kopi secara kering (dry process). Suhu udara, kelembaban relatif udara, aliran udara, kadar air awal bahan dan kadar akhir bahan merupakan faktor yang mempengaruhi waktu atau lama pegeringan (Natawidjaya et al., 2012). Citarasa dalam kopi secara nyata dipengaruhi oleh mutu kopi beras (green bean)dan kualitas penyangraiannya. Jenis dan jumlah senyawa citarasa yang terbentuk sangattergantung pada variasi kandungan senyawa prekursor green bean. Penyangraian satu jenis kopi dengan jenis lainnya menghasilkan citarasa yang berbeda dan sangat khas. Pada

REPORT	CHECKED	AUTHOR	PAGE
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