7. LAMPIRAN

Lampiran 1. Data Hasil Penelitian Konsentrasi Fluorida dan Klorida Dalam Minuman Ringan Berkarbonasi

Produk	Ulangan	pH		Uji Cl^-						Uji F^-				
		awal	akhir	ulangan	N. $AgNO_3$ (N)	Vol. $AgNO_3$ (ml)	Rata-rata vol. $AgNO_3$	Kadar Cl^- (mg/l)	Arsenit (tetes)	Ulangan	Panjang gelombang (nm)	Absorbansi	Kadar F^- (mg/l)	Rata-rata Kadar F^- (mg/L)
CS1 Jawa Tengah	1	2.89	8.16	1	0.01077	11	11	40.0786	20	1	525	0.055	3.686	3.6975
				2	0.01077	11				2	525	0.054	3.709	
	2	2.83	8.12	1	0.01093	22	22.5	84.468	42	1	525	0.071	3.318	3.318
				2	0.01093	23				2	525	0.071	3.318	
	3	2.87	8.26	1	0.01093	20	20.5	76.7187	38	1	525	0.068	3.387	3.3985
				2	0.01093	21				2	525	0.067	3.41	
CS1 Jawa Barat	1	3.04	8.27	1	0.01093	55	56.5	216.207	108	1	525	0.066	3.433	3.456
				2	0.01093	58				2	525	0.064	3.479	
	2	3.11	8.14	1	0.01076	37	37	139.607	70	1	525	0.046	3.895	3.883
				2	0.01076	37				2	525	0.047	3.871	
	3	3.08	8.18	1	0.01077	36	36	135.577	68	1	525	0.049	3.825	3.825
				2	0.01077	36				2	525	0.049	3.825	
CS1 Jawa Timur	1	3.06	8.23	1	0.01076	6	5.5	19.4535	10	1	525	0.063	3.503	3.5145
				2	0.01076	5				2	525	0.062	3.526	
	2	2.91	8.34	1	0.01076	6	6.5	23.267	12	1	525	0.065	3.456	3.4445
				2	0.01076	7				2	525	0.066	3.433	
	3	2.97	8.23	1	0.01077	6	6	20.978	10	1	525	0.06	3.571	3.571
				2	0.01077	6				2	525	0.06	3.571	
S1 Jawa Tengah	1	4.39	8.35	1	0.01076	14	14.5	53.783	27	1	525	0.187	0.647	0.647
				2	0.01076	15				2	525	0.187	0.647	
	2	4.18	8.03	1	0.01076	15	14.5	53.783	27	1	525	0.183	0.738	0.7265
				2	0.01076	14				2	525	0.184	0.715	
	3	4.26	8.5	1	0.01077	14	14.5	53.783	27	1	525	0.175	0.922	0.922
				2	0.01077	15				2	525	0.175	0.922	
S1 Jawa Barat	1	4.08	8.26	1	0.0106	37	37	136.405	68	1	525	0.181	0.783	0.933
				2	0.0106	37				2	525	0.168	1.083	
	2	4.19	8.12	1	0.0106	32	35.5	130.768	65	1	525	0.181	0.783	0.783
				2	0.0106	39				2	525	0.181	0.783	
	3	4.28	8.13	1	0.01077	38	37.5	141.764	71	1	525	0.173	0.968	0.955
				2	0.01077	37				2	525	0.174	0.942	
S1 Jawa Timur	1	4.06	8.17	1	0.0106	10	11	38.704	19	1	525	0.187	0.645	0.553
				2	0.0106	12				2	525	0.195	0.461	
	2	3.6	8.22	1	0.0106	10	10	34.946	17	1	525	0.191	0.553	0.5185

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				2	0.0106	10				2	525	0.194	0.484	
	3	4.09	8.08	1	0.01052	10	9.5	33.564	17	1	525	0.194	0.484	0.4955
				2	0.01052	9				2	525	0.193	0.507	
CS2 Jawa Tengah	1	2.75	8.34	1	0.01068	12	13.5	48.64	24	1	525	0.069	3.364	3.364
				2	0.01068	15				2	525	0.069	3.364	
	2	2.77	8.24	1	0.01068	17	17.5	63.984	32	1	525	0.069	3.364	3.3525
				2	0.01068	18				2	525	0.07	3.341	
	3	3.1	8.3	1	0.00986	15	14	47.188	24	1	525	0.026	4.354	4.343
				2	0.00986	13				2	525	0.027	4.332	
CS2 Jawa Barat	1	3.1	8.07	1	0.00986	10	14	47.187	24	1	525	0.031	4.239	4.228
				2	0.00986	18				2	525	0.032	4.217	
	2	2.77	8.3	1	0.0106	6	5.5	18.036	9	1	525	0.063	3.502	3.525
				2	0.0106	5				2	525	0.061	3.548	
	3	2.78	8.24	1	0.01052	18	18.5	67.129	34	1	525	0.062	3.525	3.502
				2	0.01052	19				2	525	0.064	3.479	
S2 Jawa Tengah	1	4.01	8.11	1	0.01068	15	15	54.519	27	1	525	0.206	0.207	0.184
				2	0.01068	15				2	525	0.208	0.161	
	2	4.14	8.18	1	0.01068	15	14.5	52.626	26	1	525	0.211	0.092	0.092
				2	0.01068	14				2	525	0.211	0.092	
	3	4.02	8.32	1	0.01068	15	15	54.519	27	1	525	0.213	0.046	0.0575
				2	0.01068	15				2	525	0.212	0.069	
S2 Jawa Barat	1	4.41	8.23	1	0.01093	24	24	90.28	45	1	525	0.197	0.415	0.4265
				2	0.01093	24				2	525	0.196	0.438	
	2	4.47	8.16	1	0.01093	25	25	94.155	47	1	525	0.198	0.392	0.438
				2	0.01093	25				2	525	0.194	0.484	
	3	4.37	8.12	1	0.01052	26	25.5	93.234	47	1	525	0.194	0.484	0.4725
				2	0.01052	25				2	525	0.195	0.461	

Perpustakaan Unika

Perpustakaan Unika

Lampiran 2. Kurva Standart Berdasarkan Uji Statistik Regresi Linier

Regression

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	FLUORIDE[a]	,	Enter

a. All requested variables entered.

b. Dependent Variable: ABSORBAN

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,998[a]	,997	,996	,002244

a. Predictors: (Constant), FLUORIDE

b. Dependent Variable: ABSORBAN

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	,005	1	,005	935,543	,000[a]
	Residual	,000	3	,000		
	Total	,005	4			

a. Predictors: (Constant), FLUORIDE

b. Dependent Variable: ABSORBAN

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	,215	,001		146,692	,000
	FLUORIDE	-,043	,001	-,998	-30,587	,000

a. Dependent Variable: ABSORBAN

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	,12775	,21455	,18200	,034311	5
Residual	-,00215	,00245	,00000	,001943	5
Std. Predicted Value	-1,581	,949	,000	1,000	5
Std. Residual	-,958	1,092	,000	,866	5

a. Dependent Variable: ABSORBAN

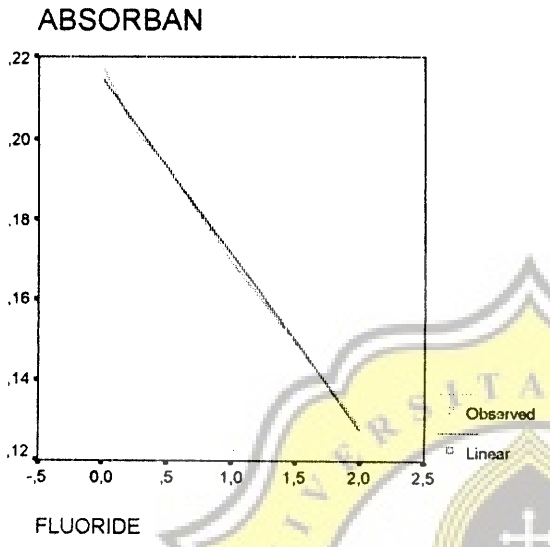
Perpustakaan Unika

Curve Fit

MODEL: MOD_1.

Independent: FLUORIDE

Dependent	Mth	Rsq	d.f.	F	Sigf	b0	b1
ABSORBAN	LIN	,997	3	935,54	,000	,2146	-,0434



Perpustakaan Unika

Lampiran 3. Hasil Analisis Anova Dua Arah Konsentrasi Fluorida Minuman Ringan Berkarbonasi Berdasarkan Merk Produk dan Lokasi Produksi

Univariate Analysis of Variance

Between-Subjects Factors

		N
SAMPEL	1	9
	2	9
	3	6
	4	6
LOKASI	1	12
	2	12
	3	6

Descriptive Statistics

Dependent Variable: SIN_F

SAMPEL	LOKASI	Mean	Std. Deviation	N
1	1	-.3191	.1849	3
	2	-.5387	.1999	3
	3	-.3597	5.916E-02	3
	Total	-.4058	.1722	9
2	1	.6880	9.916E-02	3
	2	.5383	.3895	3
	3	.4988	2.504E-02	3
	Total	.5750	.2191	9
3	1	-.4542	.4143	3
	2	-.5372	.3013	3
	Total	-.4957	.3272	6
4	1	.1108	6.485E-02	3
	2	.4310	2.155E-02	3
	Total	.2709	.1806	6
Total	1	6.366E-03	.5063	12
	2	-,0267	.5815	12
	3	6.956E-02	.4719	6
	Total	5.794E-03	.5150	30

Levene's Test of Equality of Error Variances[a]

Dependent Variable: SIN_F

F	df1	df2	Sig.
6.257	9	20	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept+SAMPEL+LOKASI+SAMPEL * LOKASI

Perpustakaan Unika

Tests of Between-Subjects Effects

Dependent Variable: SIN_F

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	6.677[a]	9	.742	14.635	.000
Intercept	1.307E-03	1	1.307E-03	.026	.874
SAMPEL	6.343	3	2.114	41.708	.000
LOKASI	8.580E-03	2	4.290E-03	.085	.919
SAMPEL * LOKASI	.297	4	7.431E-02	1.466	.250
Error	1.014	20	5.069E-02		
Total	7.692	30			
Corrected Total	7.691	29			

a. R Squared = .868 (Adjusted R Squared = .809)

Estimated Marginal Means

Grand Mean

Dependent Variable: SIN_F

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
5.794E-03[a]	.041	-7.995E-02	9.154E-02

a. Based on modified population marginal mean.

Post Hoc Tests
SAMPEL

Multiple Comparisons

Dependent Variable: SIN_F

	(I) SAMPEL	(J) SAMPEL	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
LSD	1	2	-.9808*	.1061	.000	-1.2022	-.7594
		3	8.989E-02	.1187	.458	-.1576	.3374
		4	-.6767*	.1187	.000	-.9242	-.4292
	2	1	.9808*	.1061	.000	.7594	1.2022
		3	1.0707*	.1187	.000	.8232	1.3182
		4	.3041*	.1187	.019	5.660E-02	.5517
	3	1	-8.9887E-02	.1187	.458	-.3374	.1576
		2	-1.0707*	.1187	.000	-1.3182	-.8232
		4	-.7666*	.1300	.000	-1.0377	-.4954
	4	1	.6767*	.1187	.000	.4292	.9242
		2	-.3041*	.1187	.019	-.5517	-5.6603E-02
		3	.7666*	.1300	.000	.4954	1.0377

Based on observed means.

*. The mean difference is significant at the .05 level.

Perpustakaan Unika

Homogeneous Subsets

SIN_F

	SAMPEL	N	Subset 1	Subset 2	Subset 3
Duncan[a,b]	3	6	-.4957		
	1	9	-.4058		
	4	6		.2709	
	2	9			.5750
	Sig.		.458	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 5.069E-02.

a. Uses Harmonic Mean Sample Size = 7.200.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = .05.

LOKASI

Multiple Comparisons

Dependent Variable: SIN_F

	(I) LOKASI	(J) LOKASI	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	95% Confidence Interval Upper Bound
LSD	1	2	3.302E-02	9.192E-02	.723	-.1587	.2248
		3	-6.3190E-02	.1126	.581	-.2980	.1716
	2	1	-3.3024E-02	9.192E-02	.723	-.2248	.1587
		3	-9.6215E-02	.1126	.403	-.3310	.1386
	3	1	6.319E-02	.1126	.581	-.1716	.2980
		2	9.621E-02	.1126	.403	-.1386	.3310

Based on observed means.

Perpustakaan Unika

Homogeneous Subsets

SIN_F

	LOKASI	N	Subset 1
Duncan[a,b]	2	12	-,0267
	1	12	6.366E-03
	3	6	6.956E-02
	Sig.		.402

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 5.069E-02.

a. Uses Harmonic Mean Sample Size = 9.000.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = .05.

Keterangan :

Sampel 1 : CS1
Sampel 2 : S1
Sampel 3 : CS2
Sampel 4 : S2

Lokasi 1 : Jawa Tengah
Lokasi 2 : Jawa Barat
Lokasi 3 : Jawa Timur

Perpustakaan Unika

Lampiran 4. Hasil Analisis Anova Dua Arah Konsentrasi Klorida Minuman Ringan Berkarbonasi Berdasarkan Merk Produk dan Lokasi Produksi

Univariate Analysis of Variance

Between-Subjects Factors

		N
SAMPEL	1	9
	2	9
	3	6
	4	6
LOKASI	1	12
	2	12
	3	6

Descriptive Statistics

Dependent Variable: L_CL

SAMPEL	LOKASI	Mean	Std. Deviation	N
1	1	1.8048	.1761	3
	2	2.2040	.1135	3
	3	1.3258	3.903E-02	3
	Total	1.7782	.3954	9
2	1	1.7402	1.655E-02	3
	2	2.1343	1.754E-02	3
	3	1.5523	3.190E-02	3
	Total	1.8089	.2580	9
3	1	1.7229	7.242E-02	3
	2	1.5856	.2954	3
	Total	1.6543	.2065	6
4	1	1.7314	8.861E-03	3
	2	1.9663	9.547E-03	3
	Total	1.8489	.1289	6
Total	1	1.7498	8.830E-02	12
	2	1.9726	.2844	12
	3	1.4391	.1281	6
	Total	1.7768	.2761	30

Levene's Test of Equality of Error Variances[a]

Dependent Variable: L_CL

F	df1	df2	Sig.
6.854	9	20	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept+SAMPEL+LOKASI+SAMPEL * LOKASI

Perpustakaan Unika

Tests of Between-Subjects Effects

Dependent Variable: L_CL

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.931[a]	9	.215	15.355	.000
Intercept	81.705	1	81.705	5847.783	.000
SAMPEL	.406	3	.135	9.694	.000
LOKASI	1.429	2	.714	51.125	.000
SAMPEL * LOKASI	.372	4	9.290E-02	6.649	.001
Error	.279	20	1.397E-02		
Total	96.918	30			
Corrected Total	2.210	29			

a. R Squared = .874 (Adjusted R Squared = .817)

Estimated Marginal Means

Grand Mean

Dependent Variable: L_CL

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
1.777[a]	.022	1.732	1.822

a. Based on modified population marginal mean.

Post Hoc Tests
SAMPEL

Multiple Comparisons

Dependent Variable: L_CL

	(I) SAMPEL	(J) SAMPEL	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
LSD	1	2	-3.0728E-02	5.572E-02	.587	-.1470	8.551E-02
		3	.1240	6.230E-02	.060	-5.9919E-03	.2539
		4	-7.0665E-02	6.230E-02	.270	-.2006	5.929E-02
	2	1	3.073E-02	5.572E-02	.587	-8.5505E-02	.1470
		3	.1547*	6.230E-02	.022	2.474E-02	.2846
		4	-3.9938E-02	6.230E-02	.529	-.1699	9.001E-02
	3	1	-.1240	6.230E-02	.060	-.2539	5.992E-03
		2	-.1547*	6.230E-02	.022	-.2846	-2.4736E-02
		4	-.1946*	6.824E-02	.010	-.3370	-5.2270E-02
	4	1	7.067E-02	6.230E-02	.270	-5.9287E-02	.2006
		2	3.994E-02	6.230E-02	.529	-9.0015E-02	.1699
		3	.1946*	6.824E-02	.010	5.227E-02	.3370

Based on observed means.

*. The mean difference is significant at the .05 level.

Perpustakaan Unika

Homogeneous Subsets

L_CL

	SAMPEL	N	Subset 1	Subset 2
Duncan[a,b]	3	6	1.6543	
	1	9	1.7782	1.7782
	2	9		1.8089
	4	6		1.8489
	Sig.		.060	.296

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 1.397E-02.

a. Uses Harmonic Mean Sample Size = 7.200.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = .05.

LOKASI

Multiple Comparisons

Dependent Variable: L_CL

	(I) LOKASI	(J) LOKASI	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	95% Confidence Interval Upper Bound
LSD	1	2	-.2227*	4.826E-02	.000	-.3234	-.1221
		3	.3108*	5.910E-02	.000	.1875	.4340
	2	1	.2227*	4.826E-02	.000	.1221	.3234
		3	.5335*	5.910E-02	.000	.4102	.6568
	3	1	-.3108*	5.910E-02	.000	-.4340	-.1875
		2	-.5335*	5.910E-02	.000	-.6568	-.4102

Based on observed means.

*. The mean difference is significant at the .05 level.

Perpustakaan Unika

Homogeneous Subsets

L_CL

	LOKASI	N	Subset 1	Subset 2	Subset 3
Duncan[a,b]	3	6	1.4391		
	1	12		1.7498	
	2	12			1.9726
	Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 1.397E-02.

a. Uses Harmonic Mean Sample Size = 9.000.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = .05.

Keterangan :

Sampel 1 : CS1
Sampel 2 : S1
Sampel 3 : CS2
Sampel 4 : S2

Lokasi 1 : Jawa Tengah
Lokasi 2 : Jawa Barat
Lokasi 3 : Jawa Timur

Perpustakaan Unika

Lampiran 5. Korelasi Antara Konsentrasi Fluorida dan Klorida Dalam Minuman Ringan Berkarbonasi

Correlations

Correlations

		KADAR_CL	KADAR_F
KADAR_CL	Pearson Correlation	1	-,041
	Sig. (2-tailed)	.	,829
	N	30	30
KADAR_F	Pearson Correlation	-,041	1
	Sig. (2-tailed)	,829	.
	N	30	30

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Lampiran 6. Data Sampel Produk Minuman Ringan berkarbonasi

Kode produk	Jenis	Pabrik	Asal produksi	Harga	Tanggal kadaluarsa
CS1	Sprite	PT. Coca-Cola Bottling Indonesia	Bawen (Jawa Tengah)	Rp.1500,00	18 Desember 2004
CS1	Sprite	PT. Coca-Cola Bottling Indonesia	Bawen (Jawa Tengah)	Rp.1500,00	16-Nop-2004
CS1	Sprite	PT. Coca-Cola Bottling Indonesia	Bawen (Jawa Tengah)	Rp 1500,00	22 Desember 2004
CS1	Sprite	PT. Coca-Cola Bottling Indonesia	Cibitung (Jawa Barat)	Rp.1500,00	11-Nop-2004
CS1	Sprite	PT. Coca-Cola Bottling Indonesia	Cibitung (Jawa Barat)	Rp.1500,00	11-Nop-2004
CS1	Sprite	PT. Coca-Cola Bottling Indonesia	Cibitung (Jawa Barat)	Rp.1500,00	11-Nop-2004
CS1	Sprite	PT. Coca-Cola Bottling Indonesia	Malang (JawaTimur)	Rp.1500,00	18 Desember 2004
CS1	Sprite	PT. Coca-Cola Bottling Indonesia	Malang (JawaTimur)	Rp.1500,00	18 Desember 2004
CS1	Sprite	PT. Coca-Cola Bottling Indonesia	Malang (JawaTimur)	Rp.1500,00	18 Desember 2004
S1	Fanta soda	PT. Coca-Cola Bottling Indonesia	Bawen (Jawa Tengah)	Rp.1400,00	18 Desember 2004
S1	Fanta soda	PT. Coca-Cola Bottling Indonesia	Bawen (Jawa Tengah)	Rp.1400,00	18 Desember 2004
S1	Fanta soda	PT. Coca-Cola Bottling Indonesia	Bawen (Jawa Tengah)	Rp.1400,00	17-Sep-04
S1	Fanta soda	PT. Coca-Cola Bottling Indonesia	Cibitung (Jawa Barat)	Rp.1400,00	8 Desember 2004
S1	Fanta soda	PT. Coca-Cola Bottling Indonesia	Cibitung (Jawa Barat)	Rp.1400,00	8 Desember 2004
S1	Fanta soda	PT. Coca-Cola Bottling Indonesia	Cibitung (Jawa Barat)	Rp.1400,00	8 Desember 2004
S1	Fanta soda	PT. Coca-Cola Bottling Indonesia	Malang (JawaTimur)	Rp.1400,00	25 Agustus 2004
S1	Fanta soda	PT. Coca-Cola Bottling Indonesia	Malang (JawaTimur)	Rp.1400,00	25 Agustus 2004
S1	Fanta soda	PT. Coca-Cola Bottling Indonesia	Malang (JawaTimur)	Rp.1400,00	25 Agustus 2004
CS2	Seven-up	PT. Pepsi-Cola Indobeverages	Demak (Jawa Tengah)	Rp.1500,00	12 Oktober 2004
CS2	Seven-up	PT. Pepsi-Cola Indobeverages	Demak (Jawa Tengah)	Rp.1500,00	12 Oktober 2004
CS2	Seven-up	PT. Pepsi-Cola Indobeverages	Demak (Jawa Tengah)	Rp.1500,00	7 Juni 2004

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CS2	Seven-up	PT. Pepsi-Cola Indobeverages	Purwakarta(Jawa Barat)	Rp.1500,00	22 Oktober 2004
CS2	Seven-up	PT. Pepsi-Cola Indobeverages	Purwakarta(Jawa Barat)	Rp.1500,00	22 Oktober 2004
CS2	Seven-up	PT. Pepsi-Cola Indobeverages	Purwakarta(Jawa Barat)	Rp.1500,00	22 Oktober 2004
S2	Mirinda soda	PT. Pepsi-Cola Indobeverages	Demak (Jawa Tengah)	Rp.1500,00	05-Nop-04
S2	Mirinda soda	PT. Pepsi-Cola Indobeverages	Demak (Jawa Tengah)	Rp.1500,00	05-Nop-04
S2	Mirinda soda	PT. Pepsi-Cola Indobeverages	Demak (Jawa Tengah)	Rp.1500,00	05-Nop-04
S2	Mirinda soda	PT. Pepsi-Cola Indobeverages	Purwakarta(Jawa Barat)	Rp.1500,00	
S2	Mirinda soda	PT. Pepsi-Cola Indobeverages	Purwakarta(Jawa Barat)	Rp.1500,00	
S2	Mirinda soda	PT. Pepsi-Cola Indobeverages	Purwakarta(Jawa Barat)	Rp.1500,00	

Perpustakaan Unika

Perpustakaan Unika

Lampiran 7. Deskripsi Statistik Konsentrasi Klorida Dan Fluorida pada Minuman Ringan Berkarbonasi Berdasarkan Merk Produk Dan Lokasi Produksi.

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Explore

LOKASI

Perpustakaan Unika

Case Processing Summary

	LOKASI	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
KADAR_CL	1	12	100.0%	0	.0%	12	100.0%
	2	12	100.0%	0	.0%	12	100.0%
	3	6	100.0%	0	.0%	6	100.0%
KADAR_F	1	12	100.0%	0	.0%	12	100.0%
	2	12	100.0%	0	.0%	12	100.0%
	3	6	100.0%	0	.0%	6	100.0%

Descriptives

	LOKASI			Statistic	Std. Error
KADAR_CL	1	Mean		57.3299	3.5806
		95% Confidence Interval for Mean	Lower Bound	49.4491	
			Upper Bound	65.2108	
		5% Trimmed Mean		56.7807	
		Median		54.1510	
		Variance		153.848	
		Std. Deviation		12.4035	
		Minimum		40.08	
		Maximum		84.47	
		Range		44.39	
		Interquartile Range		12.5645	
		Skewness		1.174	.637
		Kurtosis		1.232	1.232
	2	Mean		109.1957	15.1012
		95% Confidence Interval for Mean	Lower Bound	75.9582	
			Upper Bound	142.4333	
		5% Trimmed Mean		108.3151	
		Median		112.4615	
		Variance		2736.566	
		Std. Deviation		52.3122	
		Minimum		18.04	
		Maximum		216.21	
		Range		198.17	
		Interquartile Range		65.8897	
		Skewness		.192	.637
		Kurtosis		.629	1.232

Perpustakaan Unika

Descriptives

	LOKASI			Statistic	Std. Error
KADAR_CL	3	Mean		28.4854	3.3522
		95% Confidence Interval for Mean	Lower Bound	19.8683	
			Upper Bound	37.1025	
		5% Trimmed Mean		28.4195	
		Median		28.4155	
		Variance		67.424	
		Std. Deviation		8.2112	
		Minimum		19.45	
		Maximum		38.70	
		Range		19.25	
		Interquartile Range		15.2886	
		Skewness		.090	.845
		Kurtosis		-2.572	1.741
KADAR_F	1	Mean		2.0085	.4852
		95% Confidence Interval for Mean	Lower Bound	.9406	
			Upper Bound	3.0765	
		5% Trimmed Mean		1.9872	
		Median		2.1200	
		Variance		2.825	
		Std. Deviation		1.6809	
		Minimum		.06	
		Maximum		4.34	
		Range		4.29	
		Interquartile Range		3.0901	
		Skewness		.021	.637
		Kurtosis		-2.104	1.232
	2	Mean		2.1323	.4907
		95% Confidence Interval for Mean	Lower Bound	1.0522	
			Upper Bound	3.2124	
		5% Trimmed Mean		2.1291	
		Median		2.2055	
		Variance		2.890	
		Std. Deviation		1.7000	
		Minimum		.09	
		Maximum		4.23	
		Range		4.13	
		Interquartile Range		3.3034	
		Skewness		.001	.637
		Kurtosis		-2.259	1.232

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Descriptives

	LOKASI			Statistic	Std. Err
KADAR_F	3	Mean		2.0162	.6683
		95% Confidence Interval for Mean	Lower Bound	.2982	
			Upper Bound	3.7341	
		5% Trimmed Mean		2.0143	
		Median		1.9988	
		Variance		2.680	
		Std. Deviation		1.6370	
		Minimum		.50	
		Maximum		3.57	
		Range		3.08	
		Interquartile Range		3.0159	
		Skewness		.002	.845
		Kurtosis		-3.325	1.741

MERK

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	MERK	N	Percent	N	Percent	N	Percent
KADAR_CL	1	9	100.0%	0	.0%	9	100.0%
	2	9	100.0%	0	.0%	9	100.0%
	3	6	100.0%	0	.0%	6	100.0%
	4	6	100.0%	0	.0%	6	100.0%
KADAR_F	1	9	100.0%	0	.0%	9	100.0%
	2	9	100.0%	0	.0%	9	100.0%
	3	6	100.0%	0	.0%	6	100.0%
	4	6	100.0%	0	.0%	6	100.0%

Descriptives

	MERK			Statistic	Std. Error
KADAR_CL	1	Mean		84.0394	22.6813
		95% Confidence Interval for Mean	Lower Bound	31.7362	
			Upper Bound	136.3426	
		5% Trimmed Mean		80.2849	
		Median		76.7187	
		Variance		4629.981	
		Std. Deviation		68.0440	
		Minimum		19.45	
		Maximum		216.21	
		Range		196.75	
		Interquartile Range		115.4695	
		Skewness		.912	.717
		Kurtosis		.081	1.400
	2	Mean		75.6854	15.4474
		95% Confidence Interval for Mean	Lower Bound	40.0637	
			Upper Bound	111.3072	

Perpustakaan Unika

Descriptives

	MERK			Statistic	Std. Error
KADAR_CL	2	5% Trimmed Mean		74.3545	
		Median		53.7830	
		Variance		2147.596	
		Std. Deviation		46.3422	
		Minimum		33.56	
		Maximum		141.76	
		Range		108.20	
		Interquartile Range		96.7615	
		Skewness		.742	.717
		Kurtosis		-1.656	1.400
	3	Mean		48.7273	7.1136
		95% Confidence Interval for Mean	Lower Bound	30.4412	
			Upper Bound	67.0134	
		5% Trimmed Mean		49.4101	
		Median		48.0140	
		Variance		303.620	
		Std. Deviation		17.4247	
		Minimum		18.04	
		Maximum		67.13	
		Range		49.09	
		Interquartile Range		24.8710	
		Skewness		-1.085	.845
		Kurtosis		1.770	1.741
	4	Mean		73.2222	8.6669
		95% Confidence Interval for Mean	Lower Bound	50.9432	
			Upper Bound	95.5011	
		5% Trimmed Mean		73.2035	
		Median		72.3995	
		Variance		450.689	
		Std. Deviation		21.2294	
		Minimum		52.63	
		Maximum		94.16	
		Range		41.53	
		Interquartile Range		39.4185	
		Skewness		.010	.845
		Kurtosis		-3.280	1.741
KADAR_F	1	Mean		3.5676	6.497E-02
		95% Confidence Interval for Mean	Lower Bound	3.4177	
			Upper Bound	3.7174	
		5% Trimmed Mean		3.5639	
		Median		3.5145	
		Variance		3.799E-02	
		Std. Deviation		.1949	
		Minimum		3.32	
		Maximum		3.88	
		Range		.56	
		Interquartile Range		.3398	
		Skewness		.583	.717
		Kurtosis		-.922	1.400
	2	Mean		.6326	8.727E-02

Perpustakaan Unika

Descriptives

	MERK			Statistic	Std. Error
KADAR_F	2	95% Confidence Interval for Mean	Lower Bound	.4314	
			Upper Bound	.8339	
		5% Trimmed Mean		.6447	
		Median		.6470	
		Variance		6.854E-02	
		Std. Deviation		.2618	
		Minimum		.09	
		Maximum		.96	
		Range		.86	
		Interquartile Range		.3455	
		Skewness		-.891	.717
		Kurtosis		1.334	1.400
	3	Mean		3.7191	.1820
		95% Confidence Interval for Mean	Lower Bound	3.2513	
			Upper Bound	4.1869	
		5% Trimmed Mean		3.7048	
		Median		3.5135	
		Variance		.199	
		Std. Deviation		.4458	
		Minimum		3.35	
		Maximum		4.34	
		Range		.99	
		Interquartile Range		.8956	
		Skewness		.891	.845
		Kurtosis		-1.708	1.741
	4	Mean		.2784	7.693E-02
		95% Confidence Interval for Mean	Lower Bound	8.067E-02	
			Upper Bound	.4762	
		5% Trimmed Mean		.2799	
		Median		.3053	
		Variance		3.551E-02	
		Std. Deviation		.1884	
		Minimum		.06	
		Maximum		.47	
		Range		.42	
		Interquartile Range		.3632	
		Skewness		-.156	.845
		Kurtosis		-2.798	1.741

Perpustakaan Unika

Lampiran 8. Deskripsi Konsentrasi Klorida dan Fluorida Dalam Minuman Ringan Berkarbonasi

Oneway

Descriptives

Sampel		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
KADAR_CL	1	3	67.088433	23.709940	13.688940	8.189678	125.987188	40.0786	84.4680
	2	3	163.7970	45.433097	26.230811	50.934930	276.659070	135.5770	216.2070
	3	3	21.232833	1.919479	1.108212	16.464583	26.001084	19.4535	23.2670
	4	3	55.006000	2.118298	1.223000	49.743856	60.268144	53.7830	57.4520
	5	3	136.3123	5.498586	3.174610	122.653089	149.971577	130.7680	141.7640
	6	3	35.738000	2.659953	1.535724	29.130311	42.345689	33.5640	38.7040
	7	3	53.337333	9.257209	5.344652	30.341153	76.333514	47.1880	63.9840
	8	3	44.117333	24.690034	14.254798	-17.216112	105.450779	18.0360	67.1290
	9	3	53.888000	1.092924	.631000	51.173026	56.602974	52.6260	54.5190
	10	3	92.556333	2.024433	1.168807	87.527362	97.585305	90.2800	94.1550
	Total	30	72.307360	46.488694	8.487635	54.948196	89.666524	18.0360	216.2070
KADAR_F	1	3	3.471333	.199959	.115446	2.974608	3.968059	3.3180	3.6975
	2	3	3.721333	.231608	.133719	3.145987	4.296680	3.4560	3.8830
	3	3	3.510000	6.33699E-02	.036587	3.352580	3.667420	3.4445	3.5710
	4	3	.765167	.141519	.081706	.413614	1.116719	.6470	.9220
	5	3	.610433	.456033	.263291	-.522416	1.743282	.0933	.9550
	6	3	.522333	2.89410E-02	.016709	.450440	.594227	.4955	.5530
	7	3	3.686500	.568575	.328267	2.274082	5.098918	3.3525	4.3430
	8	3	3.751667	.412677	.238259	2.726520	4.776813	3.5020	4.2280
	9	3	.111167	6.53918E-02	.037754	-.051275	.273609	.0575	.1840
	10	3	.445667	2.39392E-02	.013821	.386198	.505135	.4265	.4725
	Total	30	2.059560	1.622828	.296286	1.453586	2.665534	.0575	4.3430

Perpustakaan Unika

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
KADAR_CL	7.788	9	20	.000
KADAR_F	6.620	9	20	.000

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
KADAR_CL	Between Groups	55929.971	9	6214.441	18.427	.000
	Within Groups	6744.791	20	337.240		
	Total	62674.762	29			
KADAR_F	Between Groups	74.724	9	8.303	100.650	.000
	Within Groups	1.650	20	8.249E-02		
	Total	76.374	29			

Keterangan :

Sampel 1 : CS1 dari Jawa Tengah
Sampel 2 : CS1 dari Jawa Barat
Sampel 3 : CS1 dari Jawa Timur
Sampel 4 : S1 dari Jawa Tengah
Sampel 5 : S1 dari Jawa Barat
Sampel 6 : S1 dari jawa Timur
Sampel 7 : CS2 dari Jawa Tengah
Sampel 8 : CS2 dari Jawa Barat
Sampel 9 : S2 dari Jawa Tengah
Sampel 10 : S2 dari Jawa Barat

Perpustakaan Unika