

SUPPLEMENTARY

Supplementary 1. Statistical analysis of IC50 value (Figure 2)

A. Kolmogorov-Smirnov Test

→ NPar Tests

[DataSet1] E:\S1 Brawijaya\research\DATA\DATA TIKA\file\data ICfifty frapp.sav

One-Sample Kolmogorov-Smirnov Test			
		Sample	ICfifty
N		9	9
Normal Parameters ^a	Mean	2.0000	2.2111
	Std. Deviation	.86603	.50607
Most Extreme Differences	Absolute	.209	.175
	Positive	.209	.175
	Negative	-.209	-.136
Kolmogorov-Smirnov Z		.628	.525
Asymp. Sig. (2-tailed)		.826	.945

a. Test distribution is Normal.

B. Homogeneity test

→ Oneway

[DataSet1] E:\S1 Brawijaya\research\DATA\DATA TIKA\file\data ICfifty frapp.sav

Test of Homogeneity of Variances

ICfifty			
Levene Statistic	df1	df2	Sig.
2.112	2	6	.202

C. One-way ANOVA Test

ANOVA

ICfifty					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.182	2	.591	4.092	.076
Within Groups	.867	6	.144		
Total	2.049	8			

Supplementary 2. Statistical analysis of total anthocyanin (Figure 3)

A. Kolmogorov-Smirnov Test

NPar Tests

[DataSet0]

One-Sample Kolmogorov-Smirnov Test				
		Sample	Total_antosianin	
N		6	5	
Normal Parameters ^a	Mean	1.5000	797.5200	
	Std. Deviation	.54772	274.81052	
Most Extreme Differences	Absolute	.319	.341	
	Positive	.319	.244	
	Negative	-.319	-.341	
Kolmogorov-Smirnov Z		.782	.763	
Asymp. Sig. (2-tailed)		.573	.606	

a. Test distribution is Normal.

B. T-test analysis

➔ T-Test

[DataSet0]

Group Statistics						
		Sample	N	Mean	Std. Deviation	Std. Error Mean
Total_antosianin	LWPP	3	9.9747E2	25.50967	14.72802	
	GKPP	3	4.9150E2	24.13545	13.93461	

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
Total_antosianin	Equal variances assumed	.000	.998	24.955	4	.000	505.96667	20.27530	449.67341 562.25992
	Equal variances not assumed			24.955	3.988	.000	505.96667	20.27530	449.60540 562.32793