

# LAMPIRAN

## Explore

### Penambahan Air

Case Processing Summary

	Penambahan Air	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Setting Time	20.5 ml	5	100.0%	0	.0%	5	100.0%
	19.5 ml	5	100.0%	0	.0%	5	100.0%
	18.5 ml	5	100.0%	0	.0%	5	100.0%
	17.5 ml	5	100.0%	0	.0%	5	100.0%
	16.5 ml	5	100.0%	0	.0%	5	100.0%

Descriptives

Penambahan Air			Statistic	Std. Error	
Setting Time	20.5 ml	Mean	2.1600	.22494	
		95% Confidence Interval for Mean	Lower Bound	1.5355	
			Upper Bound	2.7845	
		5% Trimmed Mean	2.1833		
		Median	2.3000		
		Variance	.253		
		Std. Deviation	.50299		
		Minimum	1.30		
		Maximum	2.60		
		Range	1.30		
		Interquartile Range	.75		
		Skewness	-1.749	.913	
		Kurtosis	3.487	2.000	
			19.5 ml	Mean	2.5600
95% Confidence Interval for Mean	Lower Bound			2.2245	
	Upper Bound			2.8955	
5% Trimmed Mean	2.5500				
Median	2.5000				
Variance	.073				
Std. Deviation	.27019				
Minimum	2.30				
Maximum	3.00				
Range	.70				
Interquartile Range	.45				
Skewness	1.339			.913	
Kurtosis	2.021			2.000	
	18.5 ml			Mean	2.8400

	95% Confidence Interval for Mean	Lower Bound	2.6517	
		Upper Bound	3.0283	
	5% Trimmed Mean		2.8389	
	Median		2.8000	
	Variance		.023	
	Std. Deviation		.15166	
	Minimum		2.70	
	Maximum		3.00	
	Range		.30	
	Interquartile Range		.30	
	Skewness		.315	.913
	Kurtosis		-3.081	2.000
17.5 ml	Mean		2.4600	.05099
	95% Confidence Interval for Mean	Lower Bound	2.3184	
		Upper Bound	2.6016	
	5% Trimmed Mean		2.4611	
	Median		2.5000	
	Variance		.013	
	Std. Deviation		.11402	
	Minimum		2.30	
	Maximum		2.60	
	Range		.30	
	Interquartile Range		.20	
	Skewness		-.405	.913
	Kurtosis		-.178	2.000
16.5 ml	Mean		2.0000	.07071
	95% Confidence Interval for Mean	Lower Bound	1.8037	
		Upper Bound	2.1963	
	5% Trimmed Mean		2.0000	
	Median		2.0000	
	Variance		.025	
	Std. Deviation		.15811	
	Minimum		1.80	
	Maximum		2.20	
	Range		.40	
	Interquartile Range		.30	
	Skewness		.000	.913
	Kurtosis		-1.200	2.000

Descriptives

air		Statistic	Std. Error	
waktu setting alginat	20.5ml	Mean	2.660	.1400
		95% Confidence Interval for Mean	2.271	
		Lower Bound		
		Upper Bound	3.049	
		5% Trimmed Mean	2.656	
		Median	2.500	
		Variance	.098	
		Std. Deviation	.3130	
		Minimum	2.4	
		Maximum	3.0	
		Range	.6	
		Interquartile Range	.6	
		Skewness	.535	.913
		Kurtosis	-3.247	2.000
	19.5ml	Mean	2.440	.0245
		95% Confidence Interval for Mean	2.372	
		Lower Bound		
		Upper Bound	2.508	
		5% Trimmed Mean	2.439	
		Median	2.400	
		Variance	.003	
		Std. Deviation	.0548	
		Minimum	2.4	
		Maximum	2.5	
		Range	.1	
		Interquartile Range	.1	
		Skewness	.609	.913
		Kurtosis	-3.333	2.000
	18.5ml	Mean	2.300	.0447
		95% Confidence Interval for Mean	2.176	
		Lower Bound		
		Upper Bound	2.424	
		5% Trimmed Mean	2.300	
		Median	2.300	
		Variance	.010	
		Std. Deviation	.1000	
		Minimum	2.2	
		Maximum	2.4	
		Range	.2	
		Interquartile Range	.2	
		Skewness	.000	.913
		Kurtosis	-3.000	2.000
	17.5ml	Mean	2.480	.0200
		95% Confidence Interval for Mean	2.424	
		Lower Bound		

16.5ml	.231	5	.200(*)	.881	5	.314
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\* This is a lower bound of the true significance.  
 a Lilliefors Significance Correction

**kruskal wallis**

**Ranks**

	air	N	Mean Rank
waktudalammenit	20.5ml	5	15.80
	19.5ml	5	13.60
	18.5ml	5	5.90
	17.5ml	5	17.20
	16.5ml	5	12.50
	Total	25	

**Test Statistics(a,b)**

	waktudalammenit
Chi-Square	7.790
df	4
Asymp. Sig.	.100

a Kruskal Wallis Test  
 b Grouping Variable: air

**Test of Homogeneity of Variances**

waktudalammenit

Levene Statistic	df1	df2	Sig.
4.174	4	20	.013



## LAMPIRAN

### Descriptives

waktudalammenit

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
20.5ml	5	2.680	.2950	.1319	2.314	3.046	2.4	3.0
19.5ml	5	2.440	.0548	.0245	2.372	2.508	2.4	2.5
18.5ml	5	2.300	.1000	.0447	2.176	2.424	2.2	2.4
17.5ml	5	2.480	.0447	.0200	2.424	2.536	2.4	2.5
16.5ml	5	2.420	.0837	.0374	2.318	2.524	2.3	2.5
Total	25	2.464	.1846	.0369	2.388	2.540	2.2	3.0

### Test of Homogeneity of Variances

waktudalammenit

Levene Statistic	df1	df2	Sig.
21.224	4	20	.000

### ANOVA

waktudalammenit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.382	4	.095	4.376	.011
Within Groups	.436	20	.022		
Total	.818	24			

## Oneway

### Test of Homogeneity of Variances

Setting Time

Levene Statistic	df1	df2	Sig.
1.797	4	20	.169

### ANOVA

Setting Time	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.202	4	.550	7.111	.001
Within Groups	1.548	20	.077		
Total	3.750	24			

## Post Hoc Tests

### Multiple Comparisons

Setting Time  
LSD

(I) Penambah an Air	(J) Penambah an Air	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
20.5 ml	19.5 ml	-.40000	.17595	.034	-.7670	-.0330
	18.5 ml	-.68000	.17595	.001	-1.0470	-.3130
	17.5 ml	-.30000	.17595	.104	-.6670	.0670
	16.5 ml	.16000	.17595	.374	-.2070	.5270
19.5 ml	20.5 ml	.40000	.17595	.034	.0330	.7670
	18.5 ml	-.28000	.17595	.127	-.6470	.0870
	17.5 ml	.10000	.17595	.576	-.2670	.4670
	16.5 ml	.56000	.17595	.005	.1930	.9270
18.5 ml	20.5 ml	.68000	.17595	.001	.3130	1.0470
	19.5 ml	.28000	.17595	.127	-.0870	.6470
	17.5 ml	.38000	.17595	.043	.0130	.7470
	16.5 ml	.84000	.17595	.000	.4730	1.2070
17.5 ml	20.5 ml	.30000	.17595	.104	-.0670	.6670
	19.5 ml	-.10000	.17595	.576	-.4670	.2670
	18.5 ml	-.38000	.17595	.043	-.7470	-.0130
	16.5 ml	.46000	.17595	.017	.0930	.8270
16.5 ml	20.5 ml	-.16000	.17595	.374	-.5270	.2070
	19.5 ml	-.56000	.17595	.005	-.9270	-.1930
	18.5 ml	-.84000	.17595	.000	-1.2070	-.4730
	17.5 ml	-.46000	.17595	.017	-.8270	-.0930

\*. The mean difference is significant at the 0.05 level.