

## LAMPIRAN

### Hasil Output SPSS

```

ONEWAY Slump BY VariasiCampuran
/STATISTICS DESCRIPTIVES HOMOGENEITY
/PLOT MEANS
/MISSING ANALYSIS
/POSTHOC=SCHEFFE ALPHA(0.05).
    
```

### Oneway

Notes		
Output Created		09-JUL-2020 01:44:45
Comments		
Input	Active Dataset	DataSet0
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	Split File	<none>
	N of Rows in Working Data File	18
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY Slump BY VariasiCampuran /STATISTICS DESCRIPTIVES HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS /POSTHOC=SCHEFFE ALPHA(0.05).
Resources	Processor Time	00:00:01.08
	Elapsed Time	00:00:00.38

## Descriptives

	N	Mean	Std. Deviation	Std. Error	Slump		Minimum	Maximum
					95% Confidence Interval for Mean			
					Lower Bound	Upper Bound		
0% FA 0% SBK	2	20.7500	.35355	.25000	17.5734	23.9266	20.50	21.00
40% FA 0% SBK	4	21.2500	2.25462	1.12731	17.6624	24.8376	19.50	24.50
40% FA 10% SBK	4	20.6250	.75000	.37500	19.4316	21.8184	19.50	21.00
40% FA 15% SBK	4	21.1250	.25000	.12500	20.7272	21.5228	21.00	21.50
40% FA 20% SBK	4	21.6250	.62915	.31458	20.6239	22.6261	21.00	22.50
Total	18	21.1111	1.10554	.26058	20.5613	21.6609	19.50	24.50

## Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Slump	Based on Mean	3.023	4	13	.058
	Based on Median	1.398	4	13	.289
	Based on Median and with adjusted df	1.398	4	4.856	.358
	Based on trimmed mean	2.549	4	13	.089

## ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.340	4	.585	.413	.797
Within Groups	18.438	13	1.418		
Total	20.778	17			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Slump

Scheffe

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
0% FA 0% SBK	40% FA 0% SBK	-.50000	1.03136	.993	-4.1778	3.1778
	40% FA 10% SBK	.12500	1.03136	1.000	-3.5528	3.8028
	40% FA 15% SBK	-.37500	1.03136	.998	-4.0528	3.3028
	40% FA 20% SBK	-.87500	1.03136	.945	-4.5528	2.8028
40% FA 0% SBK	0% FA 0% SBK	.50000	1.03136	.993	-3.1778	4.1778
	40% FA 10% SBK	.62500	.84210	.965	-2.3779	3.6279
	40% FA 15% SBK	.12500	.84210	1.000	-2.8779	3.1279
	40% FA 20% SBK	-.37500	.84210	.995	-3.3779	2.6279

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
40% FA 10% SBK	0% FA 0% SBK	-.12500	1.03136	1.000	-3.8028	3.5528
	40% FA 0% SBK	-.62500	.84210	.965	-3.6279	2.3779
	40% FA 15% SBK	-.50000	.84210	.985	-3.5029	2.5029
	40% FA 20% SBK	-1.00000	.84210	.838	-4.0029	2.0029
40% FA 15% SBK	0% FA 0% SBK	.37500	1.03136	.998	-3.3028	4.0528
	40% FA 0% SBK	-.12500	.84210	1.000	-3.1279	2.8779
	40% FA 10% SBK	.50000	.84210	.985	-2.5029	3.5029
	40% FA 20% SBK	-.50000	.84210	.985	-3.5029	2.5029
40% FA 20% SBK	0% FA 0% SBK	.87500	1.03136	.945	-2.8028	4.5528
	40% FA 0% SBK	.37500	.84210	.995	-2.6279	3.3779
	40% FA 10% SBK	1.00000	.84210	.838	-2.0029	4.0029
	40% FA 15% SBK	.50000	.84210	.985	-2.5029	3.5029

## Homogeneous Subsets

### Slump

Scheffe<sup>a,b</sup>

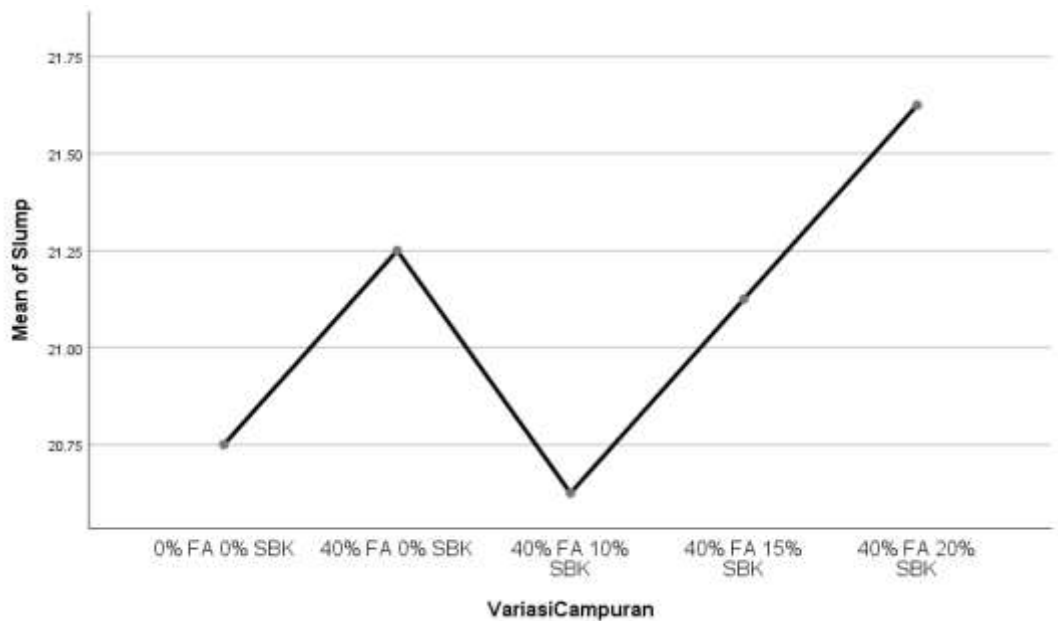
VariasiCampuran	N	Subset for alpha = 0.05	
		1	
40% FA 10% SBK	4	20.6250	
0% FA 0% SBK	2	20.7500	
40% FA 15% SBK	4	21.1250	
40% FA 0% SBK	4	21.2500	
40% FA 20% SBK	4	21.6250	
<b>Sig.</b>		<b>.877</b>	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.333.

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

## Means Plots



ONEWAY SlumpFlow BY VariasiCampuran  
 /STATISTICS DESCRIPTIVES HOMOGENEITY  
 /PLOT MEANS  
 /MISSING ANALYSIS  
 /POSTHOC=SCHEFFE ALPHA(0.05).

## Oneway

### Notes

Output Created	09-JUL-2020 01:59:39	
Comments		
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	N of Rows in Working Data File	18
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax	ONEWAY SlumpFlow BY VariasiCampuran /STATISTICS DESCRIPTIVES HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS /POSTHOC=SCHEFFE ALPHA(0.05).	
Resources	Processor Time	00:00:00.48
	Elapsed Time	00:00:00.30

## Descriptives

SlumpFlow

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0% FA 0% SBK	2	55.0000	7.07107	5.00000	-8.5310	118.5310	50.00	60.00
40% FA 0% SBK	4	60.0000	10.80123	5.40062	42.8128	77.1872	50.00	75.00
40% FA 10% SBK	4	55.0000	4.08248	2.04124	48.5039	61.4961	50.00	60.00
40% FA 15% SBK	4	58.7500	2.50000	1.25000	54.7719	62.7281	55.00	60.00
40% FA 20% SBK	4	58.7500	2.50000	1.25000	54.7719	62.7281	55.00	60.00
Total	18	57.7778	5.74513	1.35414	54.9208	60.6348	50.00	75.00

## Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
SlumpFlow	Based on Mean	1.905	4	13	.170
	Based on Median	1.721	4	13	.205
	Based on Median and with adjusted df	1.721	4	5.685	.268
	Based on trimmed mean	1.914	4	13	.168

## ANOVA

SlumpFlow

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	73.611	4	18.403	.491	.743
Within Groups	487.500	13	37.500		
Total	561.111	17			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: SlumpFlow

Scheffe

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
0% FA 0% SBK	40% FA 0% SBK	-5.00000	5.30330	.921	-23.9117	13.9117
	40% FA 10% SBK	.00000	5.30330	1.000	-18.9117	18.9117
	40% FA 15% SBK	-3.75000	5.30330	.971	-22.6617	15.1617
	40% FA 20% SBK	-3.75000	5.30330	.971	-22.6617	15.1617
40% FA 0% SBK	0% FA 0% SBK	5.00000	5.30330	.921	-13.9117	23.9117
	40% FA 10% SBK	5.00000	4.33013	.851	-10.4413	20.4413
	40% FA 15% SBK	1.25000	4.33013	.999	-14.1913	16.6913
	40% FA 20% SBK	1.25000	4.33013	.999	-14.1913	16.6913



(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
40% FA 10% SBK	0% FA 0% SBK	.00000	5.30330	1.000	-18.9117	18.9117
	40% FA 0% SBK	-5.00000	4.33013	.851	-20.4413	10.4413
	40% FA 15% SBK	-3.75000	4.33013	.941	-19.1913	11.6913
	40% FA 20% SBK	-3.75000	4.33013	.941	-19.1913	11.6913
40% FA 15% SBK	0% FA 0% SBK	3.75000	5.30330	.971	-15.1617	22.6617
	40% FA 0% SBK	-1.25000	4.33013	.999	-16.6913	14.1913
	40% FA 10% SBK	3.75000	4.33013	.941	-11.6913	19.1913
	40% FA 20% SBK	.00000	4.33013	1.000	-15.4413	15.4413
40% FA 20% SBK	0% FA 0% SBK	3.75000	5.30330	.971	-15.1617	22.6617
	40% FA 0% SBK	-1.25000	4.33013	.999	-16.6913	14.1913
	40% FA 10% SBK	3.75000	4.33013	.941	-11.6913	19.1913
	40% FA 15% SBK	.00000	4.33013	1.000	-15.4413	15.4413

## Homogeneous Subsets SlumpFlow

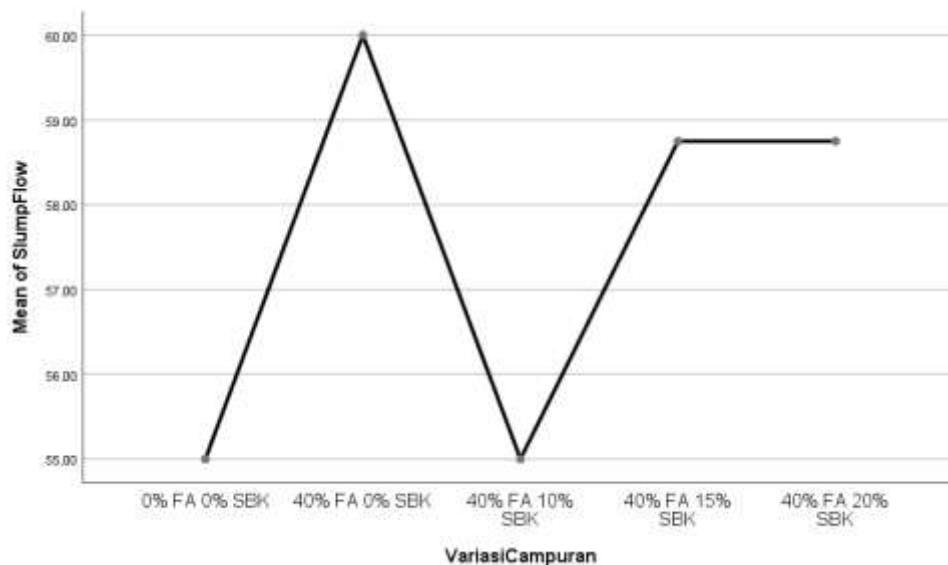
Scheffe<sup>a,b</sup>

VariasiCampuran	N	Subset for alpha = 0.05 1
0% FA 0% SBK	2	55.0000
40% FA 10% SBK	4	55.0000
40% FA 15% SBK	4	58.7500
40% FA 20% SBK	4	58.7500
40% FA 0% SBK	4	60.0000
Sig.		.887

Means for groups in homogeneous subsets are displayed.

- Uses Harmonic Mean Sample Size = 3.333.
- The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

## Means Plots



ONEWAY BeratJenisBetonSegar BY VariasiCampuran  
 /STATISTICS DESCRIPTIVES HOMOGENEITY  
 /PLOT MEANS  
 /MISSING ANALYSIS  
 /POSTHOC=SCHEFFE ALPHA(0.05).

## Oneway

### Notes

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	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax	ONEWAY BeratJenisBetonSegar BY VariasiCampuran /STATISTICS DESCRIPTIVES HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS /POSTHOC=SCHEFFE ALPHA(0.05).	
Resources	Processor Time	00:00:00.50
	Elapsed Time	00:00:00.25

## Descriptives

BeratJenisBetonSegar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0% FA 0% SBK	6	2479.4617	23.09134	9.42700	2455.2288	2503.6945	2451.18	2507.74
40% FA 0% SBK	12	2484.1750	56.35007	16.26686	2448.3719	2519.9781	2413.47	2602.02
40% FA 10% SBK	12	2504.6000	75.35048	21.75181	2456.7246	2552.4754	2394.61	2620.88
40% FA 15% SBK	12	2509.3150	54.20883	15.64874	2474.8724	2543.7576	2432.32	2620.88
40% FA 20% SBK	12	2537.5967	39.76024	11.47779	2512.3342	2562.8591	2451.18	2583.16
Total	54	2505.6483	56.93991	7.74854	2490.1067	2521.1899	2394.61	2620.88

## Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
BeratJenisBetonSegar	Based on Mean	2.851	4	49	.033
	Based on Median	2.622	4	49	.046
	Based on Median and with adjusted df	2.622	4	43.394	.048
	Based on trimmed mean	2.878	4	49	.032

## ANOVA

BeratJenisBetonSegar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	22070.571	4	5517.643	1.805	.143
Within Groups	149763.529	49	3056.399		
Total	171834.100	53			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: BeratJenisBetonSegar

Scheffe

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
0% FA 0% SBK	40% FA 0% SBK	-4.71333	27.64235	1.000	-93.1883	83.7616
	40% FA 10% SBK	-25.13833	27.64235	.933	-113.6133	63.3366
	40% FA 15% SBK	-29.85333	27.64235	.882	-118.3283	58.6216
	40% FA 20% SBK	-58.13500	27.64235	.364	-146.6099	30.3399
40% FA 0% SBK	0% FA 0% SBK	4.71333	27.64235	1.000	-83.7616	93.1883
	40% FA 10% SBK	-20.42500	22.56989	.935	-92.6645	51.8145
	40% FA 15% SBK	-25.14000	22.56989	.870	-97.3795	47.0995
	40% FA 20% SBK	-53.42167	22.56989	.248	-125.6612	18.8178

(I)		Mean			95% Confidence Interval	
VariasiCampuran	(J) VariasiCampuran	Difference (I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
40% FA 10% SBK	0% FA 0% SBK	25.13833	27.64235	.933	-63.3366	113.6133
	40% FA 0% SBK	20.42500	22.56989	.935	-51.8145	92.6645
	40% FA 15% SBK	-4.71500	22.56989	1.000	-76.9545	67.5245
	40% FA 20% SBK	-32.99667	22.56989	.711	-105.2362	39.2428
40% FA 15% SBK	0% FA 0% SBK	29.85333	27.64235	.882	-58.6216	118.3283
	40% FA 0% SBK	25.14000	22.56989	.870	-47.0995	97.3795
	40% FA 10% SBK	4.71500	22.56989	1.000	-67.5245	76.9545
	40% FA 20% SBK	-28.28167	22.56989	.813	-100.5212	43.9578
40% FA 20% SBK	0% FA 0% SBK	58.13500	27.64235	.364	-30.3399	146.6099
	40% FA 0% SBK	53.42167	22.56989	.248	-18.8178	125.6612
	40% FA 10% SBK	32.99667	22.56989	.711	-39.2428	105.2362
	40% FA 15% SBK	28.28167	22.56989	.813	-43.9578	100.5212

## Homogeneous Subsets

### Berat Jenis Beton Segar

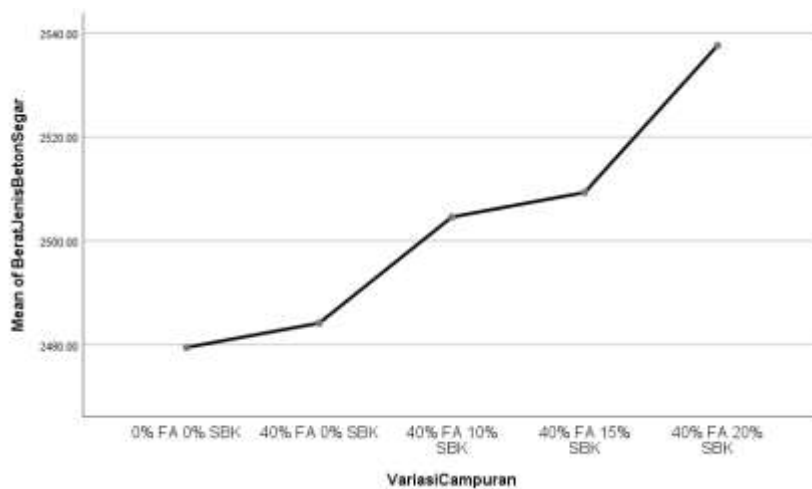
Scheffe<sup>a,b</sup>

Variasi Campuran	N	Subset for alpha = 0.05 1
0% FA 0% SBK	6	2479.4617
40% FA 0% SBK	12	2484.1750
40% FA 10% SBK	12	2504.6000
40% FA 15% SBK	12	2509.3150
40% FA 20% SBK	12	2537.5967
Sig.		.254

Means for groups in homogeneous subsets are displayed.

- Uses Harmonic Mean Sample Size = 10.000.
- The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

## Means Plots



ONEWAY BeratJenisBetonSegar BY VariasCampuran  
 /STATISTICS DESCRIPTIVES HOMOGENEITY  
 /PLOT MEANS  
 /MISSING ANALYSIS  
 /POSTHOC=SCHEFFE ALPHA(0.05).

## Oneway

### Notes

Output Created		09-JUL-2020 02:27:38
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	Split File	<none>
	N of Rows in Working Data File	54
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax	ONEWAY BeratJenisBetonSegar BY VariasiCampuran /STATISTICS DESCRIPTIVES HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS /POSTHOC=SCHEFFE ALPHA(0.05).	
Resources	Processor Time	00:00:00.37
	Elapsed Time	00:00:00.26



## Descriptives

BeratJenisBetonSegar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0% FA 0% SBK	6	2435.4655	22.04235	8.99875	2412.3335	2458.5975	2394.61	2451.18
40% FA 0% SBK	12	2451.1784	67.26675	19.41824	2408.4392	2493.9177	2281.48	2507.74
40% FA 10% SBK	12	2477.8899	50.50330	14.57905	2445.8017	2509.9782	2338.05	2526.60
40% FA 15% SBK	12	2474.7475	32.28493	9.31986	2454.2346	2495.2604	2394.61	2507.74
40% FA 20% SBK	12	2482.6039	20.23319	5.84082	2469.7484	2495.4595	2451.18	2526.60
Total	54	2467.5894	45.60789	6.20645	2455.1409	2480.0380	2281.48	2526.60

## Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
BeratJenisBetonSegar	Based on Mean	2.200	4	49	.083
	Based on Median	1.022	4	49	.405
	Based on Median and with adjusted df	1.022	4	26.555	.414
	Based on trimmed mean	1.761	4	49	.152

## ANOVA

BeratJenisBetonSegar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	14016.811	4	3504.203	1.784	.147
Within Groups	96227.401	49	1963.825		
Total	110244.212	53			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: BeratJenisBetonSegar

Scheffe

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
0% FA 0% SBK	40% FA 0% SBK	-15.71292	22.15753	.972	-86.6326	55.2067
	40% FA 10% SBK	-42.42442	22.15753	.462	-113.3441	28.4952
	40% FA 15% SBK	-39.28200	22.15753	.540	-110.2017	31.6377
	40% FA 20% SBK	-47.13842	22.15753	.353	-118.0581	23.7812
40% FA 0% SBK	0% FA 0% SBK	15.71292	22.15753	.972	-55.2067	86.6326
	40% FA 10% SBK	-26.71150	18.09155	.703	-84.6172	31.1942
	40% FA 15% SBK	-23.56908	18.09155	.790	-81.4747	34.3366
	40% FA 20% SBK	-31.42550	18.09155	.560	-89.3312	26.4802

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
40% FA 10% SBK	0% FA 0% SBK	42.42442	22.15753	.462	-28.4952	113.3441
	40% FA 0% SBK	26.71150	18.09155	.703	-31.1942	84.6172
	40% FA 15% SBK	3.14242	18.09155	1.000	-54.7632	61.0481
	40% FA 20% SBK	-4.71400	18.09155	.999	-62.6197	53.1917
40% FA 15% SBK	0% FA 0% SBK	39.28200	22.15753	.540	-31.6377	110.2017
	40% FA 0% SBK	23.56908	18.09155	.790	-34.3366	81.4747
	40% FA 10% SBK	-3.14242	18.09155	1.000	-61.0481	54.7632
	40% FA 20% SBK	-7.85642	18.09155	.996	-65.7621	50.0492
40% FA 20% SBK	0% FA 0% SBK	47.13842	22.15753	.353	-23.7812	118.0581
	40% FA 0% SBK	31.42550	18.09155	.560	-26.4802	89.3312
	40% FA 10% SBK	4.71400	18.09155	.999	-53.1917	62.6197
	40% FA 15% SBK	7.85642	18.09155	.996	-50.0492	65.7621

## Homogeneous Subsets

### Berat Jenis Beton Segar

Scheffe<sup>a,b</sup>

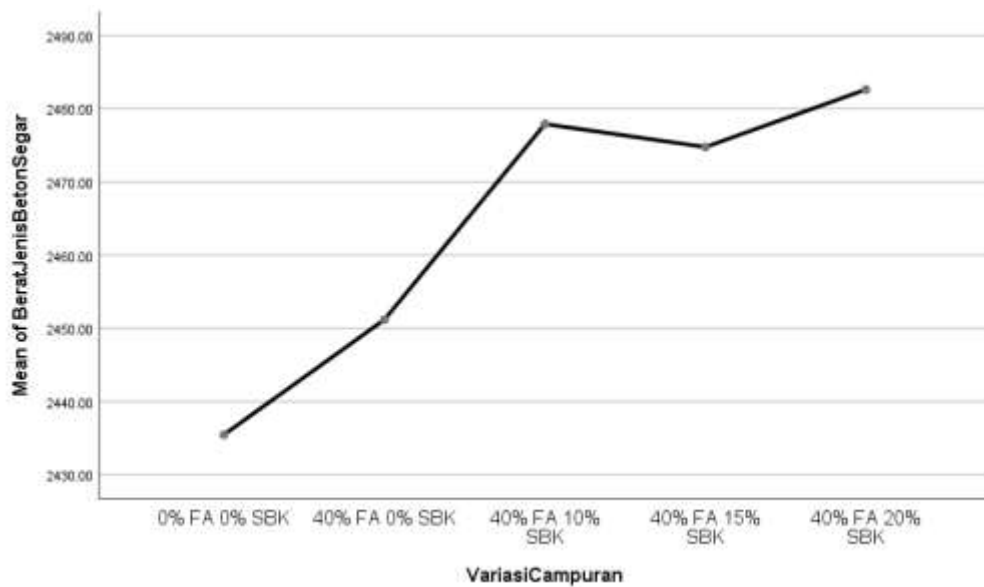
Variasi Campuran	N	Subset for alpha = 0.05 1
0% FA 0% SBK	6	2435.4655
40% FA 0% SBK	12	2451.1784
40% FA 15% SBK	12	2474.7475
40% FA 10% SBK	12	2477.8899
40% FA 20% SBK	12	2482.6039
Sig.		.243

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

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

## Means Plots



ONEWAY BeratJenisBetonkondisiKering BY VariasiCampuran  
 /STATISTICS DESCRIPTIVES HOMOGENEITY  
 /PLOT MEANS  
 /MISSING ANALYSIS  
 /POSTHOC=SCHEFFE ALPHA(0.05).

## Oneway

		Notes
Output Created		09-JUL-2020 02:30:09
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	54
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY BeratJenisBetonkondisiKering BY VariasiCampuran /STATISTICS DESCRIPTIVES HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS /POSTHOC=SCHEFFE ALPHA(0.05).
Resources	Processor Time	00:00:00.37
	Elapsed Time	00:00:00.21

## Descriptives

BeratJenisBetonkondisiKering

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0% FA 0% SBK	6	2435.4655	22.04235	8.99875	2412.3335	2458.5975	2394.61	2451.18
40% FA 0% SBK	12	2451.1784	67.26675	19.41824	2408.4392	2493.9177	2281.48	2507.74
40% FA 10% SBK	12	2477.8899	50.50330	14.57905	2445.8017	2509.9782	2338.05	2526.60
40% FA 15% SBK	12	2474.7475	32.28493	9.31986	2454.2346	2495.2604	2394.61	2507.74
40% FA 20% SBK	12	2482.6039	20.23319	5.84082	2469.7484	2495.4595	2451.18	2526.60
Total	54	2467.5894	45.60789	6.20645	2455.1409	2480.0380	2281.48	2526.60

## Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
BeratJenisBetonkondisiKering	Based on Mean	2.200	4	49	.083
	Based on Median	1.022	4	49	.405
	Based on Median and with adjusted df	1.022	4	26.555	.414
	Based on trimmed mean	1.761	4	49	.152

## ANOVA

BeratJenisBetonkondisiKering

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	14016.811	4	3504.203	1.784	.147
Within Groups	96227.401	49	1963.825		
Total	110244.212	53			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: BeratJenisBetonkondisiKering

Scheffe

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
0% FA 0% SBK	40% FA 0% SBK	-15.71292	22.15753	.972	-86.6326	55.2067
	40% FA 10% SBK	-42.42442	22.15753	.462	-113.3441	28.4952
	40% FA 15% SBK	-39.28200	22.15753	.540	-110.2017	31.6377
	40% FA 20% SBK	-47.13842	22.15753	.353	-118.0581	23.7812
40% FA 0% SBK	0% FA 0% SBK	15.71292	22.15753	.972	-55.2067	86.6326
	40% FA 10% SBK	-26.71150	18.09155	.703	-84.6172	31.1942
	40% FA 15% SBK	-23.56908	18.09155	.790	-81.4747	34.3366
	40% FA 20% SBK	-31.42550	18.09155	.560	-89.3312	26.4802

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
40% FA 10% SBK	0% FA 0% SBK	42.42442	22.15753	.462	-28.4952	113.3441
	40% FA 0% SBK	26.71150	18.09155	.703	-31.1942	84.6172
	40% FA 15% SBK	3.14242	18.09155	1.000	-54.7632	61.0481
	40% FA 20% SBK	-4.71400	18.09155	.999	-62.6197	53.1917
40% FA 15% SBK	0% FA 0% SBK	39.28200	22.15753	.540	-31.6377	110.2017
	40% FA 0% SBK	23.56908	18.09155	.790	-34.3366	81.4747
	40% FA 10% SBK	-3.14242	18.09155	1.000	-61.0481	54.7632
	40% FA 20% SBK	-7.85642	18.09155	.996	-65.7621	50.0492
40% FA 20% SBK	0% FA 0% SBK	47.13842	22.15753	.353	-23.7812	118.0581
	40% FA 0% SBK	31.42550	18.09155	.560	-26.4802	89.3312
	40% FA 10% SBK	4.71400	18.09155	.999	-53.1917	62.6197
	40% FA 15% SBK	7.85642	18.09155	.996	-50.0492	65.7621



## Homogeneous Subsets

### Berat Jenis Beton kondisi Kering

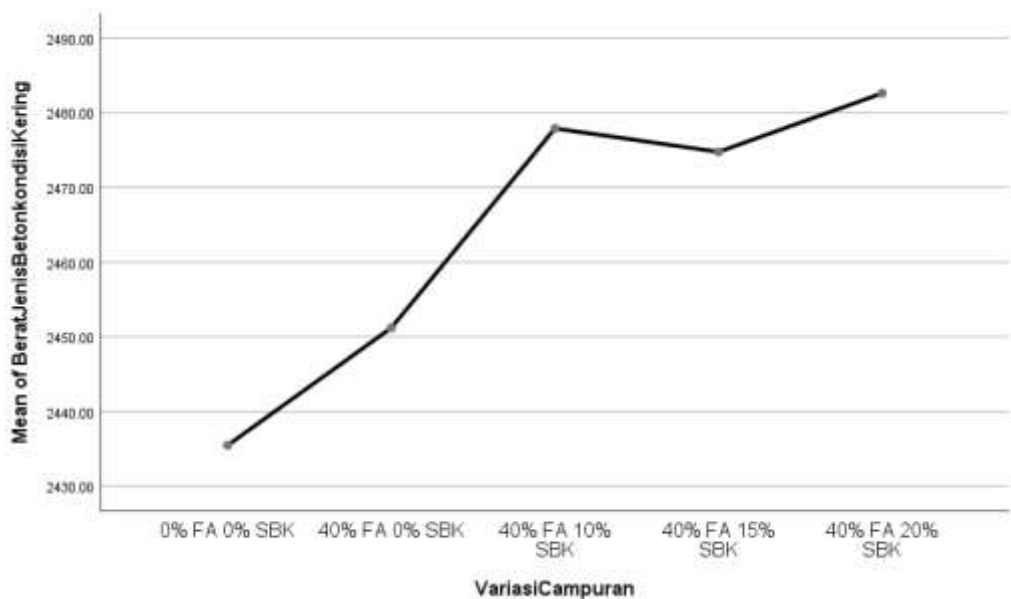
Scheffe<sup>a,b</sup>

Variasi Campuran	N	Subset for alpha = 0.05 1
0% FA 0% SBK	6	2435.4655
40% FA 0% SBK	12	2451.1784
40% FA 15% SBK	12	2474.7475
40% FA 10% SBK	12	2477.8899
40% FA 20% SBK	12	2482.6039
Sig.		.243

Means for groups in homogeneous subsets are displayed.

- Uses Harmonic Mean Sample Size = 10.000.
- The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

## Means Plots



ONEWAY Resapan BY Variasi Campuran

```

/STATISTICS DESCRIPTIVES HOMOGENEITY
/PLOT MEANS
/MISSING ANALYSIS
/POSTHOC=SCHEFFE ALPHA(0.05).

```

## Oneway

### Notes

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	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
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### Descriptives

Resapan

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0% FA 0% SBK	3	2.3800	.82000	.47343	.3430	4.4170	1.56	3.20
40% FA 0% SBK	3	2.0700	.45033	.26000	.9513	3.1887	1.55	2.33
40% FA 10% SBK	3	1.2900	.45044	.26006	.1710	2.4090	.77	1.56
40% FA 15% SBK	3	1.5500	.79000	.45611	-.4125	3.5125	.76	2.34
40% FA 20% SBK	3	2.0700	.45902	.26502	.9297	3.2103	1.54	2.34
Total	15	1.8720	.66346	.17130	1.5046	2.2394	.76	3.20

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Resapan	Based on Mean	.319	4	10	.859
	Based on Median	.326	4	10	.854
	Based on Median and with adjusted df	.326	4	9.976	.854
	Based on trimmed mean	.325	4	10	.855

## ANOVA

Resapan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.337	4	.584	1.527	.267
Within Groups	3.826	10	.383		
Total	6.162	14			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Resapan

Scheffe

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
0% FA 0% SBK	40% FA 0% SBK	.31000	.50503	.982	-1.5737	2.1937
	40% FA 10% SBK	1.09000	.50503	.383	-.7937	2.9737
	40% FA 15% SBK	.83000	.50503	.624	-1.0537	2.7137
	40% FA 20% SBK	.31000	.50503	.982	-1.5737	2.1937
40% FA 0% SBK	0% FA 0% SBK	-.31000	.50503	.982	-2.1937	1.5737
	40% FA 10% SBK	.78000	.50503	.674	-1.1037	2.6637
	40% FA 15% SBK	.52000	.50503	.894	-1.3637	2.4037
	40% FA 20% SBK	.00000	.50503	1.000	-1.8837	1.8837

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
40% FA 10% SBK	0% FA 0% SBK	-1.09000	.50503	.383	-2.9737	.7937
	40% FA 0% SBK	-.78000	.50503	.674	-2.6637	1.1037
	40% FA 15% SBK	-.26000	.50503	.991	-2.1437	1.6237
	40% FA 20% SBK	-.78000	.50503	.674	-2.6637	1.1037
40% FA 15% SBK	0% FA 0% SBK	-.83000	.50503	.624	-2.7137	1.0537
	40% FA 0% SBK	-.52000	.50503	.894	-2.4037	1.3637
	40% FA 10% SBK	.26000	.50503	.991	-1.6237	2.1437
	40% FA 20% SBK	-.52000	.50503	.894	-2.4037	1.3637
40% FA 20% SBK	0% FA 0% SBK	-.31000	.50503	.982	-2.1937	1.5737
	40% FA 0% SBK	.00000	.50503	1.000	-1.8837	1.8837
	40% FA 10% SBK	.78000	.50503	.674	-1.1037	2.6637
	40% FA 15% SBK	.52000	.50503	.894	-1.3637	2.4037

## Homogeneous Subsets

### Resapan

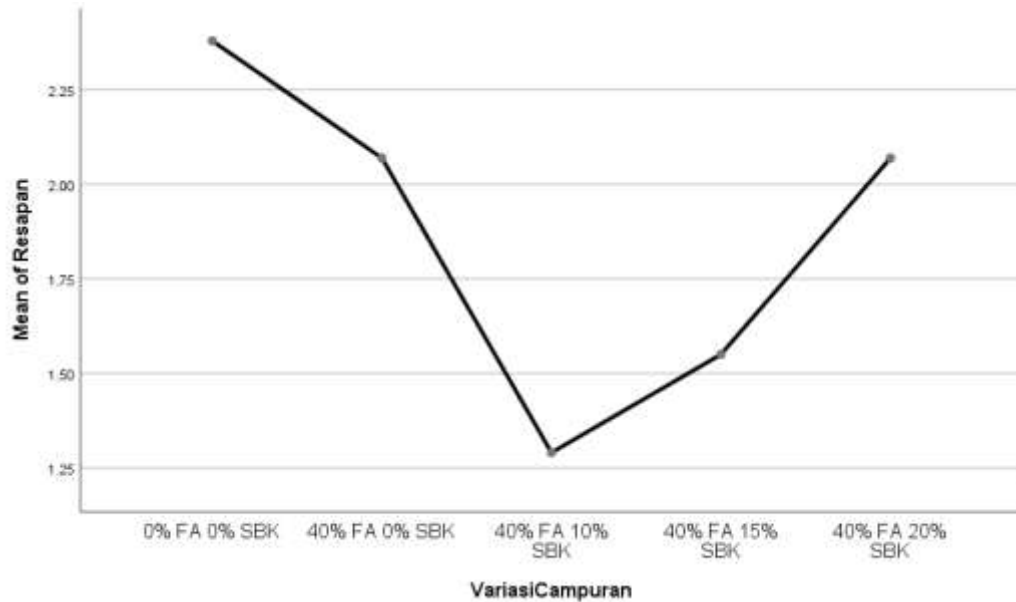
Scheffe<sup>a</sup>

VariasiCampuran	N	Subset for alpha = 0.05 1
40% FA 10% SBK	3	1.2900
40% FA 15% SBK	3	1.5500
40% FA 0% SBK	3	2.0700
40% FA 20% SBK	3	2.0700
0% FA 0% SBK	3	2.3800
Sig.		.383

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

## Means Plots



ONEWAY KuatTekanBeton BY VariasiCampuran  
 /STATISTICS DESCRIPTIVES HOMOGENEITY  
 /PLOT MEANS  
 /MISSING ANALYSIS  
 /POSTHOC=SCHEFFE ALPHA(0.05).

## Oneway

### Notes

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax	ONEWAY KuatTekanBeton BY VariasiCampuran /STATISTICS DESCRIPTIVES HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS /POSTHOC=SCHEFFE ALPHA(0.05).	
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## Descriptives

KuatTekanBeton

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0% FA 0% SBK	3	17.4618	5.08820	2.93767	4.8220	30.1016	11.64	21.07
40% FA 0% SBK	3	24.1139	3.32606	1.92030	15.8515	32.3763	20.79	27.44
40% FA 10% SBK	3	24.8531	7.28246	4.20453	6.7624	42.9437	16.63	30.49
40% FA 15% SBK	3	27.3476	4.42029	2.55205	16.3670	38.3282	22.45	31.04
40% FA 20% SBK	3	30.8585	5.12830	2.96083	18.1190	43.5979	24.95	34.09
Total	15	24.9270	6.34688	1.63876	21.4122	28.4418	11.64	34.09

## Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
KuatTekanBeton	Based on Mean	.984	4	10	.459
	Based on Median	.136	4	10	.965
	Based on Median and with adjusted df	.136	4	7.568	.964
	Based on trimmed mean	.867	4	10	.516



## ANOVA

KuatTekanBeton

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	292.311	4	73.078	2.690	.093
Within Groups	271.650	10	27.165		
Total	563.961	14			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: KuatTekanBeton

Scheffe

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
0% FA 0% SBK	40% FA 0% SBK	-6.65212	4.25559	.664	-22.5251	9.2208
	40% FA 10% SBK	-7.39125	4.25559	.578	-23.2642	8.4817
	40% FA 15% SBK	-9.88579	4.25559	.318	-25.7587	5.9871
	40% FA 20% SBK	-13.39663	4.25559	.112	-29.2696	2.4763
40% FA 0% SBK	0% FA 0% SBK	6.65212	4.25559	.664	-9.2208	22.5251
	40% FA 10% SBK	-.73912	4.25559	1.000	-16.6121	15.1338
	40% FA 15% SBK	-3.23367	4.25559	.961	-19.1066	12.6393
	40% FA 20% SBK	-6.74451	4.25559	.654	-22.6174	9.1284

(I) VariasiCampuran	(J) VariasiCampuran	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
40% FA 10% SBK	0% FA 0% SBK	7.39125	4.25559	.578	-8.4817	23.2642
	40% FA 0% SBK	.73912	4.25559	1.000	-15.1338	16.6121
	40% FA 15% SBK	-2.49455	4.25559	.985	-18.3675	13.3784
	40% FA 20% SBK	-6.00539	4.25559	.738	-21.8783	9.8675
40% FA 15% SBK	0% FA 0% SBK	9.88579	4.25559	.318	-5.9871	25.7587
	40% FA 0% SBK	3.23367	4.25559	.961	-12.6393	19.1066
	40% FA 10% SBK	2.49455	4.25559	.985	-13.3784	18.3675
	40% FA 20% SBK	-3.51084	4.25559	.949	-19.3838	12.3621
40% FA 20% SBK	0% FA 0% SBK	13.39663	4.25559	.112	-2.4763	29.2696
	40% FA 0% SBK	6.74451	4.25559	.654	-9.1284	22.6174
	40% FA 10% SBK	6.00539	4.25559	.738	-9.8675	21.8783
	40% FA 15% SBK	3.51084	4.25559	.949	-12.3621	19.3838

## Homogeneous Subsets

### Kuat Tekan Beton

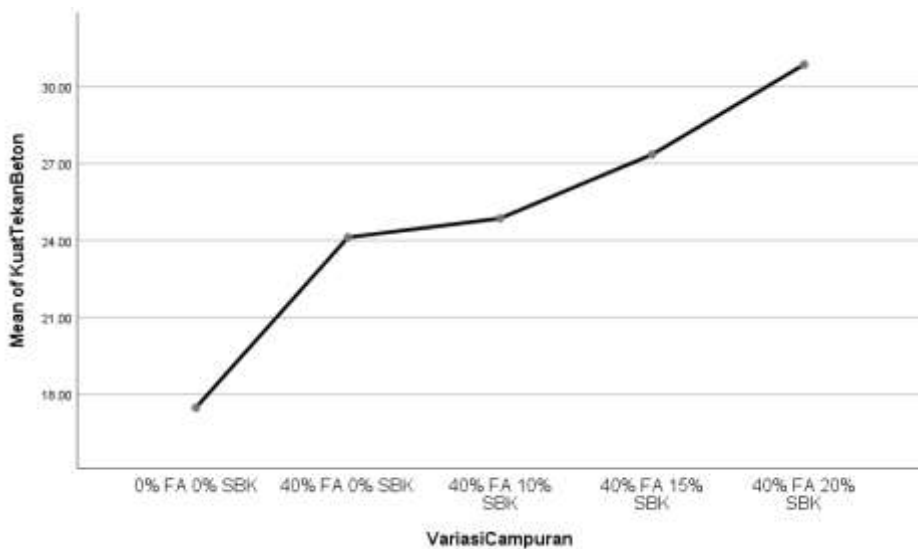
Scheffe<sup>a</sup>

Variasi Campuran	N	Subset for alpha = 0.05 1
0% FA 0% SBK	3	17.4618
40% FA 0% SBK	3	24.1139
40% FA 10% SBK	3	24.8531
40% FA 15% SBK	3	27.3476
40% FA 20% SBK	3	30.8585
Sig.		.112

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

## Means Plots





- Pengambilan Batu Kapur dari Watu Gunung Putih, Jepara dan Proses Pembuatan Serbuk Batu Kapur.



➤ Perawatan Material Pasir dan Kerikil



➤ Pengujian Agregat Halus dan Agregat Kasar.



➤ Pembuatan Benda Uji



➤ Curing (Perawatan Beton)



➤ Pengujian Slump dan Flow





➤ Pengujian Kuat Tekan Beton