

## LAMPIRAN 1. Hasil Anova Satu Arah Analisa Kimia Bahan Baku

### KADAR AIR

#### Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
AIR legume glinding	3	11,7567	,6075	,3507	10,2476	13,2658	11,12	12,33
benguk	3	9,1467	2,6963	1,5567	2,4486	15,8447	7,57	12,26
gude	3	8,8833	1,2098	,6985	5,8780	11,8887	8,16	10,28
kecipir	3	10,7933	1,2505	,7219	7,6870	13,8997	9,35	11,55
jagung	3	9,9500	,1778	,1026	9,5084	10,3916	9,81	10,15
Total	15	10,1060	1,6541	,4271	9,1900	11,0220	7,57	12,33

#### ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
AIR	Between Groi (Combined)	16,910	4	4,228	1,976	,174
	Linear Ter Contrast	1,160	1	1,160	,542	,478
	Deviation	15,750	3	5,250	2,454	,123
	Within Groups	21,396	10	2,140		
	Total	38,306	14			

### Post Hoc Tests Homogeneous Subsets

AIR

Duncan<sup>a</sup>

	N	Subset for alpha = .05
legume		1
gude	3	8,8833
benguk	3	9,1467
jagung	3	9,9500
kecipir	3	10,7933
glinding	3	11,7567
Sig.		,052

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean  
Sample Size = 3,000

## LANJUTAN LAMPIRAN 1

## KADAR PROTEIN

## Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
PROTEIN legume glinding	3	19,1600	2,9647	1,7116	11,7953	26,5247	16,84	22,50
benguk	3	23,6800	4,0048	2,3122	13,7315	33,6285	20,54	28,19
gude	3	21,3000	,7101	,4100	19,5359	23,0641	20,48	21,71
kecipir	3	33,3833	3,3491	1,9336	25,0636	41,7031	30,29	36,94
jagung	3	9,5733	,9662	,5579	7,1730	11,9737	8,58	10,51
Total	15	21,4193	8,2637	2,1337	16,8430	25,9956	8,58	36,94

## ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
PROTEIN Between Group (Combined)	881,083	4	220,271	29,383	,000
Linear Term Contrast	26,904	1	26,904	3,589	,087
Deviation	854,179	3	284,726	37,982	,000
Within Groups	74,964	10	7,496		
Total	956,047	14			

Post Hoc Tests  
Homogeneous Subsets

## PROTEIN

Duncan<sup>a</sup>

legume	N	Subset for alpha = .05		
		1	2	3
jagung	3	9,5733		
glinding	3		19,1600	
gude	3		21,3000	
benguk	3		23,6800	
kecipir	3			33,3833
Sig.		1,000	,082	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000

## LANJUTAN LAMPIRAN 1

## KADAR ABU

## Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
ABU legume glinding	3	1,5733	,1060	119E-02	1,3100	1,8366	1,46	1,67
benguk	3	2,2833	028E-02	480E-02	2,1336	2,4331	2,22	2,34
gude	3	3,4233	,1443	333E-02	3,0648	3,7819	3,34	3,59
kecipir	3	4,0900	937E-02	583E-02	3,8928	4,2872	4,03	4,18
jagung	3	1,9600	544E-02	933E-02	1,7478	2,1722	1,87	2,04
Total	15	2,6660	,9790	,2528	2,1238	3,2082	1,46	4,18

## ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
ABU	Between Groups (Combined)	13,320	4	3,330	337,737	,000
	Linear Term Contrast	1,997	1	1,997	202,527	,000
	Deviation	11,323	3	3,774	382,807	,000
	Within Groups	,860E-02	10	,860E-03		
	Total	13,419	14			

### Post Hoc Tests

#### Homogeneous Subsets

ABU

Duncan<sup>a</sup>

legume	N	Subset for alpha = .05				
		1	2	3	4	5
glinding	3	1,5733				
jagung	3		1,9600			
benguk	3			2,2833		
gude	3				3,4233	
kecipir	3					4,0900
Sig.		1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000

## LANJUTAN LAMPIRAN 1

## KADAR LEMAK

## Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
LEMAK legume glinding	3	4,3167	,3383	,1953	3,4763	5,1570	4,06	4,70
benguk	3	4,8600	,2623	,1514	4,2084	5,5116	4,58	5,10
gude	3	6,6400	,3800	,2194	5,6960	7,5840	6,26	7,02
kecipir	3	21,7000	,7217	,4167	19,9071	23,4929	21,22	22,53
jagung	3	6,7633	,6053	,3495	5,2596	8,2671	6,17	7,38
Total	15	8,8560	6,7344	1,7388	5,1266	12,5854	4,06	22,53

## ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
LEMAK Between Gro (Combined)	632,495	4	158,124	650,733	,000
Linear Ten Contrast	141,701	1	141,701	583,149	,000
Deviation	490,794	3	163,598	673,261	,000
Within Groups	2,430	10	,243		
Total	634,925	14			

Post Hoc Tests  
Homogeneous Subsets

## LEMAK

Duncan<sup>a</sup>

legume	N	Subset for alpha = .05		
		1	2	3
glinding	3	4,3167		
benguk	3	4,8600		
gude	3		6,6400	
jagung	3		6,7633	
kecipir	3			21,7000
Sig.		,207	,766	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000

## LANJUTAN LAMPIRAN 1

## KADAR SERAT KASAR

## Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
SERAT_k legume glinding	3	8,1700	,3483	,2011	7,3048	9,0352	7,89	8,56
benguk	3	6,5400	,3081	,1779	5,7747	7,3053	6,26	6,87
gude	3	8,1333	,6192	,3575	6,5951	9,6716	7,56	8,79
kecipir	3	5,0533	509E-02	548E-02	4,8146	5,2920	4,95	5,14
jagung	3	1,6757	,4191	,2420	,6345	2,7168	1,31	2,13
Total	15	5,9145	2,5200	,6506	4,5190	7,3100	1,31	8,79

## ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
SERAT_K Between Groups (Combined)	87,333	4	21,833	139,149	,000
Linear Term Contrast	62,861	1	62,861	400,627	,000
Deviation	24,473	3	8,158	51,990	,000
Within Groups	1,569	10	,157		
Total	88,902	14			

### Post Hoc Tests

#### Homogeneous Subsets

## SERAT\_KA

Duncan<sup>a</sup>

legume	N	Subset for alpha = .05			
		1	2	3	4
jagung	3	1,6757			
kecipir	3		5,0533		
benguk	3			6,5400	
gude	3				8,1333
glinding	3				8,1700
Sig.		1,000	1,000	1,000	,912

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000

## LANJUTAN LAMPIRAN 1

## KADAR KARBOHIDRAT

## Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
K_HIDRA legume glinding	3	55,0233	3,5852	2,0699	46,1171	63,9296	50,95	57,70
benguk	3	53,4900	6,5665	3,7912	37,1777	69,8023	45,98	58,15
gude	3	51,6167	,6504	,3755	50,0009	53,2324	50,98	52,28
kecipir	3	24,9800	3,0760	1,7759	17,3387	32,6213	21,86	28,01
jagung	3	70,0867	,8882	,5128	67,8802	72,2931	69,32	71,06
Total	15	51,0393	15,4124	3,9795	42,5042	59,5744	21,86	71,06

## ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
K_HIDRA Between Groups (Combined)	192,303	4	798,076	59,874	,000
Linear Term Contrast	,784	1	,784	,059	,813
Deviation	191,519	3	1063,840	79,812	,000
Within Groups	133,293	10	13,329		
Total	325,596	14			

Post Hoc Tests  
Homogeneous Subsets

## K\_HIDRAT

Duncan<sup>a</sup>

legume	N	Subset for alpha = .05		
		1	2	3
kecipir	3	24,9800		
gude	3		51,6167	
benguk	3		53,4900	
glinding	3		55,0233	
jagung	3			70,0867
Sig.		1,000	,301	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000

## LAMPIRAN 2. Hasil Anova Satu arah Analisa Kimia Ekstrudat

### ANOVA.....

	Sum of Squares	df	Mean Square	F	Sig.
TREND(A Between Gr (Combined)	44,753	12	3,729	78,467	,000
Linear Te Contrast	3,521	1	3,521	74,074	,000
Deviation	41,233	11	3,748	78,867	,000
Within Groups	1,236	26	53E-02		
Total	45,989	38			

### Post Hoc Tests Homogeneous Subsets

#### TREND(AIR)

Duncan<sup>a</sup>

PERLAKUA	N	Subset for alpha = .05					
		1	2	3	4	5	6
10,00	3	,5933					
3,00	3	,7700					
4,00	3	,8967					
13,00	3		1,3500				
6,00	3		1,4467				
2,00	3		1,5433	1,5433			
11,00	3		1,5500	1,5500			
7,00	3			1,8600			
1,00	3			1,8837			
5,00	3				2,3800		
9,00	3					3,2400	
12,00	3						3,8033
8,00	3						4,0333
Sig.		,118	,315	,091	1,000	1,000	,208

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000

## LANJUTAN LAMPIRAN 2

## Protein

## ANOVA

PROTEIN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	394,623	12	32,885	89,449	,000
Within Groups	9,559	26	,368		
Total	404,182	38			

### Post Hoc Tests Homogeneous Subsets

PROTEIN

Duncan<sup>a</sup>

PERLAKUAN	N	Subset for alpha = .05							
		1	2	3	4	5	6	7	8
,00	3	5,2933							
1,00	3		8,2363						
4,00	3		8,6600	8,6600					
7,00	3			9,6267	9,6267				
2,00	3				9,8367				
5,00	3				10,6787				
3,00	3					11,9733			
8,00	3					12,0033			
10,00	3						13,3033		
6,00	3						13,4200		
9,00	3						13,8767		
11,00	3							15,3233	
12,00	3								17,8000
Sig.		1,000	,400	,062	,054	,952	,285	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.



## LANJUTAN LAMPIRAN 2

## Lemak

## ANOVA

LEMAK

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	854,002	12	71,167	224,649	,000
Within Groups	8,237	26	,317		
Total	862,238	38			

### Post Hoc Tests

#### Homogeneous Subsets

LEMAK

Duncan<sup>a</sup>

PERLAKU	N	Subset for alpha = .05							
		1	2	3	4	5	6	7	8
3,00	3	1,6003							
9,00	3	1,6980							
2,00	3	2,4690							
8,00	3	2,5560							
1,00	3		3,5630						
7,00	3		3,8160						
4,00	3			4,8180					
5,00	3				5,8580				
6,00	3					6,8133			
,00	3					7,4780			
10,00	3						12,8117		
11,00	3							14,4867	
12,00	3								15,5620
Sig.		,066	,587	1,000	1,000	,160	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

## LANJUTAN LAMPIRAN 2

## Serat Kasar

## ANOVA

SRT\_KASA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	91,829	12	7,652	18,494	,000
Within Groups	10,758	26	,414		
Total	102,587	38			

Post Hoc Tests  
Homogeneous Subsets

SRT\_KASA

Duncan<sup>a</sup>

PERLAKUAN	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
4,00	3	1,6400						
7,00	3	1,7127						
12,00	3	1,7633	1,7633					
8,00	3	1,9243	1,9243					
3,00	3	2,0077	2,0077	2,0077				
9,00	3	2,5787	2,5787	2,5787	2,5787			
,00	3		2,9400	2,9400	2,9400	2,9400		
11,00	3			3,1513	3,1513	3,1513		
10,00	3				3,2337	3,2337		
2,00	3					4,1073	4,1073	
1,00	3						4,9867	
5,00	3						5,1170	
6,00	3							6,7653
Sig.		,126	,053	,055	,265	,050	,079	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

## LANJUTAN LAMPIRAN 2

## Kadar Abu

## ANOVA

KDR_ABU					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2,418	12	,201	6,668	,000
Within Groups	,786	26	3,021E-02		
Total	3,203	38			

### Post Hoc Tests

#### Homogeneous Subsets

## KDR\_ABU

Duncan<sup>a</sup>

PERLAKUA	N	Subset for alpha = .05					
		1	2	3	4	5	6
,00	3	,6167					
1,00	3	,8493	,8493				
4,00	3	,9013	,9013	,9013			
7,00	3		,9810	,9810	,9810		
2,00	3		,9887	,9887	,9887		
5,00	3		1,0110	1,0110	1,0110		
10,00	3		1,0413	1,0413	1,0413		
3,00	3		1,0653	1,0653	1,0653		
12,00	3			1,1847	1,1847	1,1847	
8,00	3			1,2360	1,2360	1,2360	
6,00	3				1,2493	1,2493	
9,00	3					1,4537	1,4537
11,00	3						1,6087
Sig.		,068	,196	,050	,113	,093	,285

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

## LANJUTAN LAMPIRAN 2

## Karbohidrat

## ANOVA

KH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2134,761	12	177,897	129,376	,000
Within Groups	35,751	26	1,375		
Total	2170,512	38			

### Post Hoc Tests

#### Homogeneous Subsets

KH

Duncan<sup>a</sup>

PERLAKUA	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
12,00	3	59,8913						
11,00	3		64,0600					
10,00	3			68,7550				
6,00	3			70,0810				
5,00	3				74,9530			
9,00	3					77,1540		
8,00	3					78,2480	78,2480	
1,00	3						79,4570	79,4570
2,00	3							80,9123
,00	3							
7,00	3							
3,00	3							
4,00	3							
Sig.		1,000	1,000	,178	1,000	,264	,218	,141

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

### LAMPIRAN 3. Hasil Anova Satu Arah Analisa Fisik Ekstrudat

#### *Axial Expansion (Pengembangan Membujur)*

##### ANOVA

##### AXIAL

		Sum of Squares	df	Mean Square	F	Sig.
Between Groups	(Combined)	1046.694	12	87.224	701.968	.000
	Linear Term	378.790	1	378.790	3048.443	.000
	Contrast					
	Deviation	667.903	11	60.718	488.652	.000
Within Groups		159.919	1287	.124		
Total		1206.613	1299			

#### Post Hoc Tests Homogeneous Subsets

##### AXIAL

##### Duncan

PERLAK	N	Subset for alpha = .05											
		1	2	3	4	5	6	7	8	9	10	11	
12.00	100	2.1201											
11.00	100		2.7012										
8.00	100			2.8728									
9.00	100				3.0288								
6.00	100					3.7499							
4.00	100						4.1600						
13.00	100							4.3278					
5.00	100								4.5057				
7.00	100								4.5937	4.5937			
3.00	100									4.6691	4.6691		
10.00	100										4.7384	4.7384	
1.00	100											4.7934	
2.00	100												4.8192
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.078	.130	.164	.126

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 100.000.

## LANJUTAN LAMPIRAN 3

**Radial Expansion (Pengembangan Melintang)**

## ANOVA

RADIAL		Sum of Squares	df	Mean Square	F	Sig.
Between Groups	(Combined)	79.004	12	6.584	1136.531	.000
	Linear Term Contrast	19.994	1	19.994	3451.484	.000
	Deviation	59.010	11	5.365	926.081	.000
Within Groups		7.455	1287	5.793E-03		
Total		86.459	1299			

**Post Hoc Tests**  
**Homogeneous Subsets**

## RADIAL

Duncan

PERLA	N	Subset for alpha = .05												
		1	2	3	4	5	6	7	8	9	10	11		
12.00	100	.7136												
9.00	100		.9754											
11.00	100			1.0401										
8.00	100				1.0707									
10.00	100					1.1997								
2.00	100						1.2504							
1.00	100							1.3591						
7.00	100								1.3688	1.3688				
3.00	100									1.3856				
13.00	100										1.4723			
5.00	100										1.4777			
6.00	100											1.5560		
4.00	100												1.5848	
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	.367	.119	.613	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

aUses Harmonic Mean Sample Size = 100.000.

## LANJUTAN LAMPIRAN 3

**Expansion Rasio (Rasio pengembangan)**

## ANOVA

ER

		Sum of Squares	df	Mean Square	F	Sig.
Between Groups	(Combined)	644.346	12	53.695	1173.713	.000
	Linear Term	162.978	1	162.978	3562.484	.000
	Deviation	481.368	11	43.761	956.552	.000
Within Groups		58.878	1287	4.575E-02		
Total		703.224	1299			

**Post Hoc Tests**  
**Homogeneous Subsets**

ER

Duncan

PERLAK	N	Subset for alpha = .05												
		1	2	3	4	5	6	7	8	9	10	11		
12.00	100	2.0391												
9.00	100		2.7929											
11.00	100			2.9704										
8.00	100				3.0488									
10.00	100					3.4282								
2.00	100						3.5723							
1.00	100							3.8835						
7.00	100							3.9108	3.9108					
3.00	100								3.9588					
13.00	100									4.2064				
5.00	100									4.2149				
6.00	100										4.4460			
4.00	100											4.4460	4.5279	
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000	.367	.113	.778	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 100.000.

## LANJUTAN LAMPIRAN 3

## BULK DENSITY

## ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
BULK_DEN Between Groups (Combined)	8293,694	12	1524,475	8925,845	,000
Linear Term Contrast	4933,009	1	4933,009	8882,918	,000
Deviation	3360,685	11	1214,608	7111,566	,000
Within Groups	42,186	247	,171		
Total	8335,880	259			

Post Hoc Tests  
Homogeneous Subsets

## BULK\_DEN

Duncan<sup>a</sup>

PERLAKUAN	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
2,00	20	5,8405						
13,00	20	5,9635						
1,00	20	5,9730						
3,00	20		6,3110					
4,00	20		6,3325					
5,00	20		6,4785					
7,00	20			7,1415				
6,00	20			7,1720				
10,00	20			7,2900				
11,00	20				12,6195			
8,00	20					20,4820		
9,00	20						22,2580	
12,00	20							33,6315
Sig.		,343	,229	,287	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 20,000



## LANJUTAN LAMPIRAN 3

## BREAKING STRENGTH

## ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
BREAKING Between Groups (Combined)	6932,719	12	577,727	9,463	,000
Linear Term Contrast	1944,625	1	1944,625	31,851	,000
Deviation	4988,093	11	453,463	7,427	,000
Within Groups	1587,400	26	61,054		
Total	8520,118	38			

Post Hoc Tests  
Homogeneous Subsets

## BREAKING

Duncan<sup>a</sup>

PERLAKUA	N	Subset for alpha = .05		
		1	2	3
13,00	3	9,3967		
2,00	3	9,9233		
4,00	3	10,6733		
3,00	3	11,0500		
5,00	3	11,2000		
1,00	3	11,3300		
6,00	3	11,4300		
10,00	3	13,2333		
7,00	3	14,2167		
11,00	3	23,9067	23,9067	
8,00	3		30,4900	
9,00	3		36,3533	
12,00	3			55,2433
Sig.		,062	,075	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000

## LANJUTAN LAMPIRAN 3

## Lampiran 4. Hasil Anova Satu arah Analisa Sensoris Ekstrudat

## ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
AROMA	Between Groups	78,689	12	6,557	13,108	,000
	Within Groups	156,080	312	,500		
	Total	234,769	324			
BENTUK	Between Groups	422,812	12	35,234	53,138	,000
	Within Groups	206,880	312	,663		
	Total	629,692	324			
KESUKAAN	Between Groups	334,560	12	27,880	39,296	,000
	Within Groups	221,360	312	,709		
	Total	555,920	324			
RASA	Between Groups	134,529	12	11,211	11,091	,000
	Within Groups	315,360	312	1,011		
	Total	449,889	324			
TEKSTUR	Between Groups	377,988	12	31,499	50,700	,000
	Within Groups	193,840	312	,621		
	Total	571,828	324			
WARNA	Between Groups	386,123	12	32,177	56,148	,000
	Within Groups	178,800	312	,573		
	Total	564,923	324			

## LANJUTAN LAMPIRAN 3

Post Hoc Tests,  
Homogeneous Subsets

## AROMA

Duncan<sup>a</sup>

PERLAKUA	N	Subset for alpha = .05				
		1	2	3	4	5
12,00	25	2,0000				
8,00	25		2,9200			
11,00	25		3,0800			
6,00	25		3,1200	3,1200		
9,00	25		3,1200	3,1200		
5,00	25		3,2800	3,2800	3,2800	
7,00	25			3,5200	3,5200	3,5200
10,00	25				3,5600	3,5600
4,00	25				3,6400	3,6400
,00	25				3,7200	3,7200
2,00	25				3,7200	3,7200
3,00	25					3,8000
1,00	25					3,9200
Sig.		1,000	,110	,067	,053	,085

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 25,000

## BENTUK

Duncan<sup>a</sup>

PERLAKUA	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
12,00	25	1,0400						
9,00	25		1,5600					
11,00	25		1,8800	1,8800				
8,00	25			2,0400				
6,00	25				3,2800			
5,00	25				3,5200	3,5200		
10,00	25				3,6400	3,6400		
3,00	25					3,8400		
4,00	25					3,9200	3,9200	
7,00	25					3,9200	3,9200	
2,00	25						4,3600	4,3600
,00	25							4,4400
1,00	25							4,5600
Sig.		1,000	,165	,487	,141	,124	,070	,417

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 25,000

## LANJUTAN LAMPIRAN 4

## KESUKAAN

Duncan<sup>f</sup>

PERLAKUA	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
12,00	25	1,0800						
9,00	25		1,9200					
8,00	25		2,0800					
11,00	25		2,2000					
6,00	25		2,3200					
5,00	25			3,1600				
4,00	25			3,3200	3,3200			
10,00	25			3,4800	3,4800	3,4800		
3,00	25				3,7600	3,7600	3,7600	
7,00	25					3,8400	3,8400	3,8400
,00	25						4,2400	4,2400
1,00	25							4,3200
2,00	25							4,3200
Sig.		1,000	,127	,207	,080	,155	,056	,065

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 25,000

## RASA

Duncan<sup>a</sup>

PERLAKUA	N	Subset for alpha = .05					
		1	2	3	4	5	6
12,00	25	1,6800					
9,00	25		2,2400				
8,00	25		2,3600	2,3600			
6,00	25		2,4000	2,4000			
11,00	25		2,4000	2,4000			
10,00	25			2,9600	2,9600		
7,00	25				3,1200	3,1200	
5,00	25				3,1600	3,1600	
4,00	25				3,2400	3,2400	
3,00	25				3,4800	3,4800	3,4800
2,00	25					3,6400	3,6400
1,00	25					3,6800	3,6800
,00	25						3,8800
Sig.		1,000	,615	,053	,104	,085	,204

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 25,000

## LANJUTAN LAMPIRAN 4

## TEKSTUR

Duncan<sup>a</sup>

PERLAKUAN	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
12,00	25	1,0000						
9,00	25		1,4800					
8,00	25		1,8400					
11,00	25			2,4000				
6,00	25				2,8800			
5,00	25				3,1600			
4,00	25					3,6000		
3,00	25					3,6800		
10,00	25					3,9200	3,9200	
,00	25					3,9600	3,9600	
7,00	25					4,0800	4,0800	4,0800
2,00	25						4,2000	4,2000
1,00	25							4,4400
Sig.		1,000	,106	1,000	,209	,054	,258	,128

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 25,000

## WARNA

Duncan<sup>a</sup>

PERLAKUAN	N	Subset for alpha = .05							
		1	2	3	4	5	6	7	8
12,00	25	1,2800							
9,00	25		2,0800						
8,00	25		2,1600						
6,00	25			2,7200					
5,00	25			2,7600					
11,00	25				3,2400				
3,00	25					3,7200			
4,00	25					4,0000	4,0000		
10,00	25					4,1600	4,1600	4,1600	
7,00	25						4,3600	4,3600	
2,00	25						4,4000	4,4000	
1,00	25							4,5200	
,00	25								5,0000
Sig.		1,000	,709	,852	1,000	,051	,088	,127	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 25,000

## LANJUTAN LAMPIRAN 4

### Kerenyahan

#### ANOVA

KERENYAH		Sum of Squares	df	Mean Square	F	Sig.
Between Groups	(Combined)	244.948	12	20.412	23.644	.000
	Linear Term	119.702	1	119.702	138.651	.000
	Deviation	125.246	11	11.386	13.188	.000
Within Groups		269.360	312	.863		
Total		514.308	324			

### Post Hoc Tests Homogeneous Subsets

#### KERENYAH

Duncan<sup>a</sup>

PERLAKUA	N	Subset for alpha = .05					
		1	2	3	4	5	6
12.00	25	1.4000					
7.00	25	1.7600	1.7600				
8.00	25		2.0000				
10.00	25			2.9600			
11.00	25			2.9600			
9.00	25			3.2800	3.2800		
6.00	25			3.4400	3.4400	3.4400	
.00	25				3.6000	3.6000	
4.00	25				3.7200	3.7200	3.7200
3.00	25				3.8000	3.8000	3.8000
2.00	25					3.8800	3.8800
1.00	25					4.0000	4.0000
5.00	25						4.2000
Sig.		.171	.361	.096	.078	.061	.105

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 25.000.