

LAMPIRAN

Oneway

Descriptives

MRR									
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	
					Lower Bound	Upper Bound			
10	3	2.8816	.54916	.31706	1.5174	4.2458	2.36	3.45	
15	3	4.7134	.35155	.20297	3.8401	5.5867	4.31	4.94	
20	3	4.7591	.20221	.11675	4.2568	5.2615	4.60	4.99	
Total	9	4.1180	.98835	.32945	3.3583	4.8777	2.36	4.99	

ANOVA

MRR					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	6.883	2	3.441	22.152	.002
Within Groups	.932	6	.155		
Total	7.815	8			

Post Hoc Tests

Multiple Comparisons

MRR LSD							
(I) elektrolit	(J) elektrolit	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		
					Lower Bound	Upper Bound	
10	15	-1.83177 [*]	.32182	.001	-2.6192	-1.0443	
	20	-1.87753 [*]	.32182	.001	-2.6650	-1.0901	
15	10	1.83177 [*]	.32182	.001	1.0443	2.6192	
	20	-.04577	.32182	.892	-.8332	.7417	
20	10	1.87753 [*]	.32182	.001	1.0901	2.6650	
	15	.04577	.32182	.892	-.7417	.8332	

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

Oneway

Descriptives

MRR									
					95% Confidence Interval for Mean				
	N	Mean	Std. Deviation	Std. Error	Lower Bound	Upper Bound	Minimum	Maximum	
7	3	3.7542	1.22020	.70449	.7230	6.7853	2.36	4.60	
10	3	4.1404	1.13173	.65340	1.3290	6.9518	2.84	4.89	
13	3	4.4595	.87371	.50443	2.2891	6.6299	3.45	4.99	
Total	9	4.1180	.98835	.32945	3.3583	4.8777	2.36	4.99	

ANOVA

MRR					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.749	2	.374	.318	.739
Within Groups	7.066	6	1.178		
Total	7.815	8			

Post Hoc Tests

Multiple Comparisons

MRR
LSD

(I) tegangan	(J) tegangan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
7	10	-.38623	.88607	.678	-2.5544	1.7819
	13	-.70537	.88607	.456	-2.8735	1.4628
10	7	.38623	.88607	.678	-1.7819	2.5544
	13	-.31913	.88607	.731	-2.4873	1.8490
13	7	.70537	.88607	.456	-1.4628	2.8735
	10	.31913	.88607	.731	-1.8490	2.4873

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Descriptives

MRR	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					0,5	3		
0,75	3	4.0445	1.09792	.63389	1.3171	6.7719	2.84	4.99
1	3	4.3134	.76092	.43932	2.4231	6.2036	3.45	4.89
Total	9	4.1180	.98835	.32945	3.3583	4.8777	2.36	4.99

ANOVA

MRR	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.175	2	.088	.069	.934
Within Groups	7.640	6	1.273		
Total	7.815	8			

Post Hoc Tests

Multiple Comparisons

(I) gap	(J) gap	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
0,5	0,75	-.04820	.92132	.960	-2.3026	2.2062
	1	-.31710	.92132	.742	-2.5715	1.9373
0,75	0,5	.04820	.92132	.960	-2.2062	2.3026
	1	-.26890	.92132	.780	-2.5233	1.9855
1	0,5	.31710	.92132	.742	-1.9373	2.5715
	0,75	.26890	.92132	.780	-1.9855	2.5233

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	
					Lower Bound	Upper Bound			
					Overcutt Type A	10			3
	15	3	.5920	.03110	.01795	.5148	.6692	.56	.62
	20	3	.5657	.18145	.10476	.1149	1.0164	.43	.77
	Total	9	.3564	.46815	.15605	-.0034	.7163	-.59	.77
Overcutt Type B	10	3	.2987	.50931	.29405	-.9665	1.5639	-.02	.89
	15	3	.7117	.45379	.26199	-.4156	1.8389	.40	1.23
	20	3	.0057	.33057	.19085	-.8155	.8268	-.32	.34
	Total	9	.3387	.48786	.16262	-.0363	.7137	-.32	1.23
Overcutt Type C	10	3	-.2283	.60594	.34984	-1.7336	1.2769	-.62	.47
	15	3	.1907	.03595	.02076	.1014	.2800	.16	.23
	20	3	.2140	.31218	.18024	-.5615	.9895	-.15	.41
	Total	9	.0588	.40367	.13456	-.2515	.3691	-.62	.47
Overcutt Type D	10	3	-1.0130	1.05860	.61118	-3.6427	1.6167	-2.00	.10
	15	3	-.6397	1.18187	.68235	-3.5756	2.2963	-2.00	.14
	20	3	.0827	.34523	.19932	-.7749	.9403	-.13	.48
	Total	9	-.5233	.94438	.31479	-1.2493	.2026	-2.00	.48

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Overcutt Type A	Between Groups	.891	2	.446	3.102	.119
	Within Groups	.862	6	.144		
	Total	1.753	8			
Overcutt Type B	Between Groups	.755	2	.377	1.971	.220
	Within Groups	1.149	6	.192		
	Total	1.904	8			
Overcutt Type C	Between Groups	.372	2	.186	1.197	.259
	Within Groups	.932	6	.155		
	Total	1.304	8			
Overcutt Type D	Between Groups	1.862	2	.931	1.059	.386
	Within Groups	5.273	6	.879		
	Total	7.135	8			

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Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					Overcutt Type A	7		
	10	.3467	.56166	.32427	-1.0486	1.7419	-.29	.77
	13	.5560	.10825	.06250	.2871	.8249	.43	.62
	Total	.3564	.46815	.15605	-.0034	.7163	-.59	.77
Overcutt Type B	7	.1250	.23662	.13661	-.4628	.7128	-.02	.40
	10	.2920	.24062	.13892	-.3057	.8897	.03	.50
	13	.5990	.81531	.47072	-1.4263	2.6243	-.32	1.23
	Total	.3387	.48786	.16262	-.0363	.7137	-.32	1.23
Overcutt Type C	7	.0163	.49545	.28605	-1.2144	1.2471	-.54	.41
	10	-.1767	.42383	.24470	-1.2295	.8762	-.62	.23
	13	.3367	.15811	.09128	-.0561	.7294	.16	.47
	Total	.0588	.40367	.13456	-.2515	.3691	-.62	.47
Overcutt Type D	7	-.4337	.61565	.35545	-1.9630	1.0957	-1.14	-.05
	10	-.6650	1.16371	.67187	-3.5558	2.2258	-2.00	.14
	13	-.4713	1.33715	.77200	-3.7930	2.8503	-2.00	.48
	Total	-.5233	.94438	.31479	-1.2493	.2026	-2.00	.48

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Overcutt Type A	Between Groups	.228	2	.114	.448	.659
	Within Groups	1.526	6	.254		
	Total	1.753	8			
Overcutt Type B	Between Groups	.347	2	.173	.668	.477
	Within Groups	1.557	6	.260		
	Total	1.904	8			
Overcutt Type C	Between Groups	.403	2	.202	1.344	.329
	Within Groups	.900	6	.150		
	Total	1.304	8			
Overcutt Type D	Between Groups	.092	2	.046	.039	.404
	Within Groups	7.042	6	1.174		
	Total	7.135	8			

Oneway

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
						Overcutt Type A	0,5		
	0,75	3	.2467	.47230	.27268	-.9266	1.4199	-.29	.60
	1	3	.5567	.06201	.03580	.4026	.7107	.49	.62
	Total	9	.3564	.46815	.15605	-.0034	.7163	-.59	.77
Overcutt Type B	0,5	3	.5170	.64498	.37238	-1.0852	2.1192	-.02	1.23
	0,75	3	.0360	.35953	.20757	-.8571	.9291	-.32	.40
	1	3	.4630	.44549	.25720	-.6437	1.5697	.00	.89
	Total	9	.3387	.48786	.16262	-.0363	.7137	-.32	1.23
Overcutt Type C	0,5	3	-.1747	.35188	.20316	-1.0488	.6994	-.54	.16
	0,75	3	-.0193	.52537	.30332	-1.3244	1.2858	-.62	.38
	1	3	.3703	.12434	.07179	.0615	.6792	.23	.47
	Total	9	.0588	.40367	.13456	-.2515	.3691	-.62	.47
Overcutt Type D	0,5	3	-1.0913	.93611	.54046	-3.4168	1.2341	-2.00	-.13
	0,75	3	-.5243	1.30566	.75382	-3.7678	2.7191	-2.00	.48
	1	3	.0457	.12962	.07484	-.2763	.3677	-.10	.14
	Total	9	-.5233	.94438	.31479	-1.2493	.2026	-2.00	.48

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Overcutt Type A	Between Groups	.181	2	.090	.345	.721
	Within Groups	1.572	6	.262		
	Total	1.753	8			
Overcutt Type B	Between Groups	.417	2	.208	.840	.547
	Within Groups	1.487	6	.248		
	Total	1.904	8			
Overcutt Type C	Between Groups	.473	2	.236	1.708	.365
	Within Groups	.831	6	.138		
	Total	1.304	8			
Overcutt Type D	Between Groups	1.939	2	.970	1.120	.962
	Within Groups	5.196	6	.866		
	Total	7.135	8			

Tabel F

Tabel F adalah tabel statistik yang nilai di dalamnya digunakan sebagai nilai pembanding dengan F Hitung dalam analisis-analisis varians.

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	161	199	216	225	230	234	237	239	241	242	243	244	245	245	246
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.78	8.74	8.73	8.71	8.70
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.22	2.20