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LAMPIRAN

Lampiran 1. Hasil data penelitian dan analisis data

KEL	WKT	HR	IVSd	IVSs	LVIDd	LVIDs	LVPWd	LVPWs
KN-K2	T1	177.67	0.21	0.24	1.00	0.68	0.30	0.41
	T2	163.33	0.25	0.26	0.93	0.64	0.33	0.38
	T3	159.00	0.21	0.26	0.93	0.65	0.32	0.38
KN-K7	T1	191.00	0.18	0.23	1.09	0.85	0.25	0.32
	T2	181.67	0.19	0.23	1.18	0.86	0.28	0.34
	T3	176.00	0.19	0.23	1.12	0.87	0.26	0.34
KN-K5	T1	182.33	0.18	0.23	1.14	0.84	0.23	0.26
	T2	173.00	0.18	0.21	1.16	0.87	0.23	0.25
	T3	176.00	0.19	0.22	1.14	0.84	0.22	0.25
KP-K8	T1	160.67	0.23	0.28	1.29	0.99	0.30	0.41
	T2	133.00	0.30	0.33	1.17	0.84	0.35	0.40
	T3	159.33	0.25	0.27	1.20	1.03	0.42	0.45
KP-K9	T1	212.33	0.19	0.24	0.94	0.63	0.33	0.37
	T2	163.67	0.26	0.28	0.89	0.67	0.37	0.41
	T3	173.33	0.23	0.26	0.76	0.54	0.39	0.45
KP-K10	T1	134.67	0.19	0.21	1.24	0.92	0.28	0.34
	T2	149.33	0.32	0.36	0.77	0.66	0.29	0.34
	T3	147.67	0.32	0.40	0.78	0.46	0.34	0.51
RL-K6	T1	215.67	0.22	0.26	1.02	0.77	0.26	0.37
	T2	175.67	0.23	0.26	0.85	0.61	0.27	0.41
	T3	164.33	0.22	0.27	0.93	0.60	0.31	0.38
RL-K14	T1	227.00	0.28	0.35	1.02	0.68	0.30	0.38
	T2	203.67	0.32	0.38	0.85	0.53	0.33	0.39
	T3	160.67	0.30	0.35	0.89	0.48	0.32	0.50
RL-K16	T1	150.33	0.15	0.18	1.21	0.85	0.18	0.26
	T2	154.00	0.20	0.22	0.98	0.70	0.23	0.29
	T3	181.00	0.21	0.26	0.89	0.61	0.23	0.29
RL+G-K1	T1	184.33	0.24	0.36	1.09	0.58	0.40	0.51
	T2	140.67	0.29	0.37	1.16	0.61	0.27	0.45
	T3	137.67	0.26	0.38	1.11	0.58	0.32	0.46
RL+G-K4	T1	158.67	0.27	0.33	1.22	0.80	0.25	0.37
	T2	119.33	0.26	0.30	0.93	0.64	0.32	0.40
	T3	193.67	0.23	0.30	1.04	0.64	0.38	0.45
RL+G-	T1	198.67	0.21	0.23	1.39	1.05	0.25	0.42
	T2	143.33	0.22	0.26	1.32	0.93	0.30	0.40
	T3	139.33	0.20	0.25	1.37	0.97	0.37	0.47



KEL	WKT	EDV	ESV	SV	CO	EF	FS
KN-K2	T1	2.04	0.70	1.34	237.25	65.45	32.11
	T2	1.68	0.60	1.07	175.58	64.04	30.94
	T3	1.68	0.64	1.04	164.68	61.83	29.50
KN-K7	T1	2.60	1.32	1.27	243.48	49.08	22.02
	T2	3.24	1.37	1.87	338.02	57.51	27.30
	T3	2.77	1.41	1.36	239.44	49.13	22.10
KN-K5	T1	2.95	1.30	1.66	302.33	56.15	26.24
	T2	3.05	1.40	1.65	285.57	54.19	25.07
	T3	2.91	1.28	1.63	286.84	55.71	26.04
KP-K8	T1	4.10	2.00	2.10	336.76	51.06	23.44
	T2	3.12	1.27	1.85	245.94	59.25	28.27
	T3	3.39	2.25	1.14	181.49	33.43	14.09
KP-K9	T1	1.74	0.59	1.16	245.77	66.08	32.54
	T2	1.49	0.68	0.81	132.57	54.52	24.88
	T3	0.96	0.37	0.59	102.53	61.49	29.06
KP-K10	T1	3.67	1.63	2.04	274.83	55.62	26.07
	T2	1.00	0.66	0.35	51.79	32.11	13.51
	T3	1.03	0.24	0.79	116.61	76.29	40.30
RL-K6	T1	2.16	1.00	1.16	250.64	53.62	24.55
	T2	1.34	0.52	0.82	144.36	60.54	28.75
	T3	1.71	0.50	1.21	199.28	70.81	36.03
RL-K14	T1	2.19	0.72	1.47	333.02	66.90	33.22
	T2	1.31	0.35	0.96	196.51	73.15	37.73
	T3	1.50	0.27	1.23	197.59	81.99	46.07
RL-K16	T1	3.42	1.32	2.09	314.58	61.14	29.52
	T2	1.93	0.77	1.17	179.88	60.38	28.67
	T3	1.52	0.53	0.99	178.79	65.09	31.70
RL+G-K1	T1	2.60	0.47	2.13	392.97	82.07	46.49
	T2	3.05	0.52	2.53	355.84	82.87	47.52
	T3	2.76	0.46	2.30	316.57	83.08	47.79
RL+G-K4	T1	3.54	1.12	2.42	383.64	68.32	34.60
	T2	1.68	0.61	1.07	127.55	63.65	30.90
	T3	2.29	0.61	1.68	324.83	73.19	38.12
RL+G-K12	T1	4.97	2.37	2.60	516.20	52.08	24.17
	T2	4.30	1.72	2.58	370.20	60.21	29.15
	T3	4.75	1.90	2.85	397.16	59.77	28.97



HR (bpm)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for HR	.067	36	.200*	.991	36	.991

0.991 > α (0.05) sehingga data HR berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
HR	Based on Mean	2.673	11	24	.211
	Based on Median	.556	11	24	.844
	Based on Median and with adjusted df	.556	11	9.312	.823
	Based on trimmed mean	2.432	11	24	.033

0.211 > α (0.05) sehingga data HR homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	9275.194 ^a	11	843.199	1.622	.155
Intercept	1020776.812	1	1020776.812	1963.442	<.001
Perlakuan	3824.457	3	1274.819	2.452	.088
Waktu	3915.755	2	1957.877	3.766	.038
Perlakuan * Waktu	1534.982	6	255.830	.492	.808
Error	12477.394	24	519.891		
Total	1042529.400	36			
Corrected Total	21752.588	35			

- Diperoleh nilai 0.088 > α (0.05) maka H0 diterima, sehingga variasi perlakuan tidak memberikan pengaruh terhadap nilai HR (bpm)
- Diperoleh nilai 0.038 < α (0.05) maka H0 ditolak, sehingga variasi waktu memberikan pengaruh terhadap nilai HR (bpm)
- Diperoleh nilai 0.808 > α (0.05) maka H0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai HR (bpm)

4. Uji Lanjutan

DUNCAN

Subset for alpha = 0.05			
Perlakuan	N		
RL+G	9	157.2967	
KP	9	159.3333	
KN	9	175.5556	
	9	181.3711	
		.055	



a) KN

Subset for alpha = 0.05			
	HR	N	1
Duncan ^a	T3	3	170.3333
	T2	3	172.6667
	T1	3	183.6667
	Sig.		.119

b) KP

Subset for alpha = 0.05			
	HR	N	1
Duncan ^a	T2	3	148.6667
	T3	3	160.1100
	T1	3	169.2233
	Sig.		.377

c) RL

Subset for alpha = 0.05			
	HR	N	1
Duncan ^a	T3	3	168.6667
	T2	3	177.7800
	T1	3	197.6667
	Sig.		.274

d) RL+G

Subset for alpha = 0.05			
	HR	N	1
Duncan ^a	T2	3	134.4433
	T3	3	156.8900
	T1	3	180.5567
	Sig.		.056

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariabel
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variasi

LSD

Dependent Variable		(I) HR	(J) HR	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
KN	LSD	T1	T2	11.00000	7.09096	.172	-6.3510	28.3510
			T3	13.33333	7.09096	.109	-4.0176	30.6843
		T2	T1	-11.00000	7.09096	.172	-28.3510	6.3510
			T3	2.33333	7.09096	.753	-15.0176	19.6843
	LSD	T3	T1	-13.33333	7.09096	.109	-30.6843	4.0176
			T2	-2.33333	7.09096	.753	-19.6843	15.0176
		T1	T2	20.55667	20.88698	.363	-30.5519	71.6653
			T3	9.11333	20.88698	.678	-41.9953	60.2219
		T2	T1	-20.55667	20.88698	.363	-71.6653	30.5519



RL	LSD	T3	T3	-11.44333	20.88698	.604	-62.5519	39.6653
			T1	-9.11333	20.88698	.678	-60.2219	41.9953
			T2	11.44333	20.88698	.604	-39.6653	62.5519
		T1	T2	19.88667	23.33434	.427	-37.2104	76.9837
			T3	29.00000	23.33434	.260	-28.0971	86.0971
			T2	-19.88667	23.33434	.427	-76.9837	37.2104
		T2	T1	9.11333	23.33434	.710	-47.9837	66.2104
			T3	-29.00000	23.33434	.260	-86.0971	28.0971
			T2	-9.11333	23.33434	.710	-66.2104	47.9837
		T1	T2	46.11333	18.85042	.050	-.0120	92.2386
			T3	23.66667	18.85042	.256	-22.4586	69.7920
			T2	-46.11333	18.85042	.050	-92.2386	.0120
RL+G	LSD	T2	T1	-22.44667	18.85042	.279	-68.5720	23.6786
			T3	-23.66667	18.85042	.256	-69.7920	22.4586
			T1	-23.66667	18.85042	.256	-69.7920	22.4586
		T3	T1	-23.66667	18.85042	.256	-69.7920	22.4586
			T2	22.44667	18.85042	.279	-23.6786	68.5720
			T2	22.44667	18.85042	.279	-23.6786	68.5720

5. Descriptive Statistics

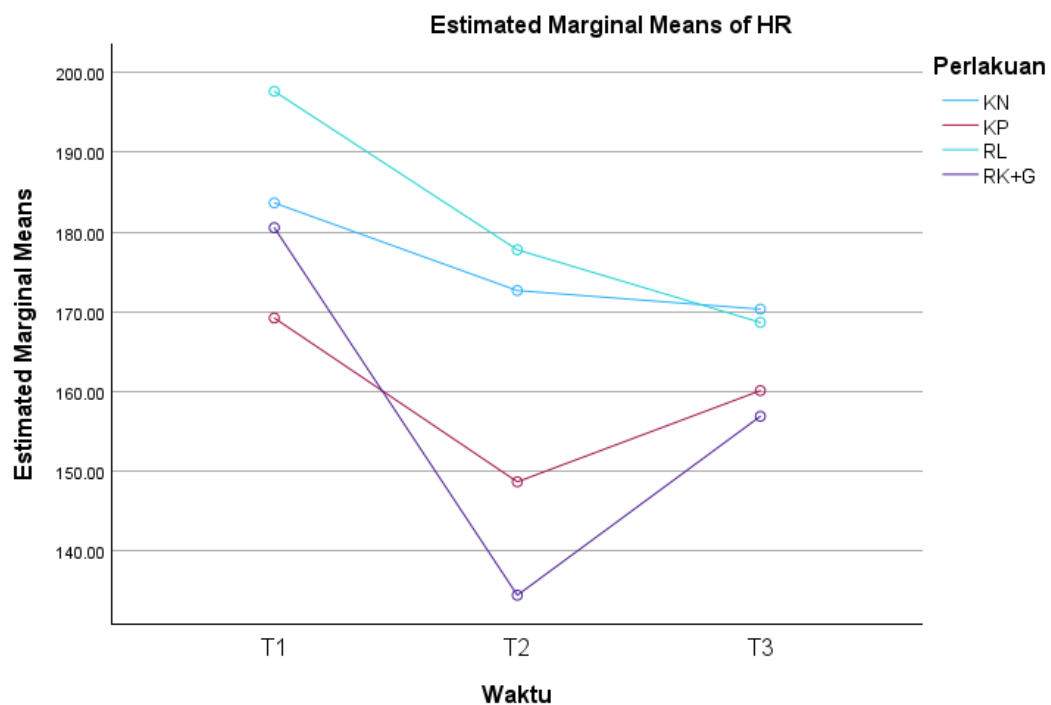
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	183.6667	6.76478	3
	T2	172.6667	9.17454	3
	T3	170.3333	9.81495	3
	Total	175.5556	9.72598	9
KP	T1	169.2233	39.53022	3
	T2	148.6667	15.34576	3
	T3	160.1100	12.84777	3
	Total	159.3333	23.88245	9
RL	T1	197.6667	41.38432	3
	T2	177.7800	24.90213	3
	T3	168.6667	10.83662	3
	Total	181.3711	27.88358	9
RL+G	T1	180.5567	20.26520	3
	T2	134.4433	13.15593	3
	T3	156.8900	31.86323	3
	Total	157.2967	28.25873	9
Total	T1	182.7783	28.11803	12
	T2	158.3892	23.29468	12
	T3	164.0000	16.97836	12
	Total	168.3892	24.92995	36



Indikator	Perlakuan	Waktu			Mean Perlakuan
		T1	T2	T3	
	KN	183.67 ± 6.76	172.67 ± 9.17	170.33 ± 9.81	175.56
	KP	169.22 ± 39.53	148.67 ± 15.35	160.11 ± 12.85	159.33
	RL	197.67 ± 41.38	177.78 ± 24.90	168.67 ± 10.84	181.37
	RL+G	180.56 ± 20.27	134.44 ± 13.16	156.89 ± 31.86	157.30

Mean Waktu	182.78	158.39	164
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- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



IVSd (cm)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for IVSd	.108	36	.200*	.971	36	.459

0.459 > α (0.05) sehingga data IVSd berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
IVSd	Based on Mean	1.333	11	24	.267
	Based on Median	.436	11	24	.924
	Based on Median and with adjusted df	.436	11	15.032	.915
	Based on trimmed mean	1.251	11	24	.309

0.267 > α (0.05) sehingga data IVSd homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.032 ^a	11	.003	1.843	.102
Intercept	1.951	1	1.951	1221.294	<.001
Perlakuan	.016	3	.005	3.379	.035
Waktu	.009	2	.005	2.892	.075
Perlakuan * Waktu	.007	6	.001	.726	.633
Error	.038	24	.002		
Total	2.021	36			
Corrected Total	.071	35			

- Diperoleh nilai $0.035 < \alpha$ (0.05) maka H_0 ditolak, sehingga variasi perlakuan memberikan pengaruh terhadap nilai IVSd (cm)
- Diperoleh nilai $0.075 > \alpha$ (0.05) maka H_0 diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai IVSd (cm)
- Diperoleh nilai $0.633 > \alpha$ (0.05) maka H_0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai IVSd (cm)

4. Uji Lanjutan

DUNCAN

Perlakuan	N	Subset	
		1	2
KN	9	.1978	
RL	9		.2367
PL	9		.2422
LC	9		.2544
		1.000	.382



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	.1900
	T3	3	.1967
	T2	3	.2067
	Sig.		.458

b) KP

Subset for alpha = 0.05				
	WKT	N	1	2
Duncan ^a	T1	3	.2033	
	T3	3	.2667	.2667
	T2	3		.2933
	Sig.		.069	.388

c) RL

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	.2167
	T3	3	.2433
	T2	3	.2500
	Sig.		.530

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T3	3	.2300
	T1	3	.2400
	T2	3	.2567
	Sig.		.358

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariabel
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variabel

LSD

							95% Confidence Interval	
Dependent Variable		(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
	LSD	T1	T2	-.01667	.02037	.444	-.0665	.0332
			T3	-.00667	.02037	.755	-.0565	.0432
		T2	T1	.01667	.02037	.444	-.0332	.0665
			T3	.01000	.02037	.641	-.0398	.0598
		T3	T1	.00667	.02037	.755	-.0432	.0565
			T2	-.01000	.02037	.641	-.0598	.0398
	SD	T1	T2	-.09000*	.02867	.020	-.1602	-.0198



RL	LSD	T2	T3	-.06333	.02867	.069	-.1335	.0068
			T1	.09000*	.02867	.020	.0198	.1602
			T3	.02667	.02867	.388	-.0435	.0968
		T3	T1	.06333	.02867	.069	-.0068	.1335
			T2	-.02667	.02867	.388	-.0968	.0435
			T1	-.03333	.04846	.517	-.1519	.0852
		T2	T3	-.02667	.04846	.602	-.1452	.0919
			T1	.03333	.04846	.517	-.0852	.1519
			T3	.00667	.04846	.895	-.1119	.1252
		T3	T1	.02667	.04846	.602	-.0919	.1452
			T2	-.00667	.04846	.895	-.1252	.1119
			T1	-.01667	.02596	.545	-.0802	.0469
RL+G	LSD	T1	T3	.01000	.02596	.713	-.0535	.0735
			T2	.01667	.02596	.545	-.0469	.0802
			T3	.02667	.02596	.344	-.0369	.0902
		T2	T1	-.01000	.02596	.713	-.0735	.0535
			T2	-.02667	.02596	.344	-.0902	.0369
			T3					
		T3	T1					
			T2					

5. Descriptive Statistics

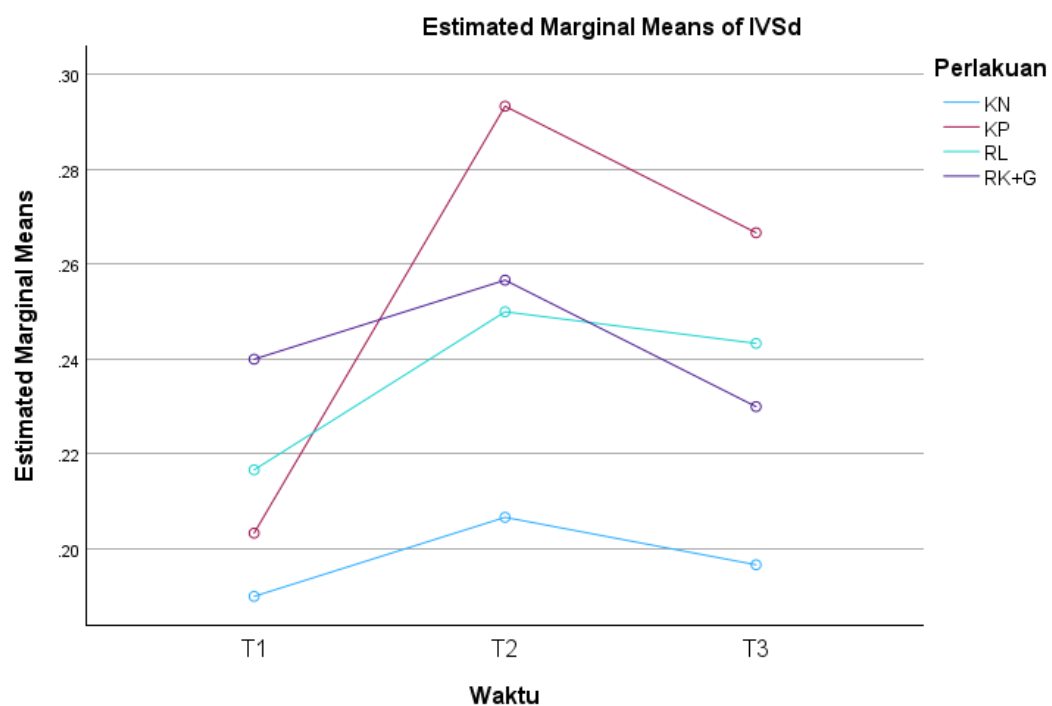
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	.1900	.01732	3
	T2	.2067	.03786	3
	T3	.1967	.01155	3
	Total	.1978	.02279	9
KP	T1	.2033	.02309	3
	T2	.2933	.03055	3
	T3	.2667	.04726	3
	Total	.2544	.05028	9
RL	T1	.2167	.06506	3
	T2	.2500	.06245	3
	T3	.2433	.04933	3
	Total	.2367	.05362	9
RL+G	T1	.2400	.03000	3
	T2	.2567	.03512	3
	T3	.2300	.03000	3
	Total	.2422	.02991	9
Total	T1	.2125	.03817	12
	T2	.2517	.04896	12
	T3	.2342	.04166	12
	Total	.2328	.04495	36



Perlakuan	Waktu			Mean
	T1	T2	T3	Perlakuan
KN	0.19 ± 0.02	0.21 ± 0.04	0.20 ± 0.01	0.20
KP	0.20 ± 0.02	0.29 ± 0.03	0.27 ± 0.05	0.25

RL	0.22 ± 0.07	0.25 ± 0.06	0.24 ± 0.05	0.24
RL+G	0.24 ± 0.03	0.26 ± 0.04	0.23 ± 0.03	0.25
Mean Waktu	0.21	0.25	0.23	

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



IVSs (cm)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for IVSs	.139	36	.075	.968	36	.378

0.378 > α (0.05) sehingga data IVSs berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
IVSs	Based on Mean	1.695	11	24	.135
	Based on Median	.492	11	24	.890
	Based on Median and with adjusted df	.492	11	13.236	.877
	Based on trimmed mean	1.579	11	24	.169

0.135 > α (0.05) sehingga data IVSs homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.040 ^a	11	.004	1.130	.382
Intercept	2.806	1	2.806	869.961	<.001
Perlakuan	.028	3	.009	2.844	.059
Waktu	.006	2	.003	.855	.438
Perlakuan * Waktu	.007	6	.001	.364	.895
Error	.077	24	.003		
Total	2.923	36			
Corrected Total	.117	35			

- Diperoleh nilai 0.059 > α (0.05) maka H0 diterima, sehingga variasi perlakuan tidak memberikan pengaruh terhadap nilai IVSs (cm)
- Diperoleh nilai 0.438 > α (0.05) maka H0 diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai IVSs (cm)
- Diperoleh nilai 0.895 > α (0.05) maka H0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai IVSs (cm)

4. Uji Lanjutan

DUNCAN

Perlakuan	N	Subset	
		1	2
KN	9	.2344	
RL	9	.2811	.2811
KP	9	.2922	.2922
	9		.3089
		.051	.337



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	.2333
	T2	3	.2333
	T3	3	.2367
	Sig.		.843

b) KP

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	.2433
	T3	3	.3100
	T2	3	.3233
	Sig.		.134

c) RL

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	.2633
	T2	3	.2867
	T3	3	.2933
	Sig.		.649

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	.3067
	T2	3	.3100
	T3	3	.3100
	Sig.		.952

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariabel
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variabel

LSD

							95% Confidence Interval	
Dependent Variable		(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
KN	LSD	T1	T2	.00000	.01563	1.000	-.0383	.0383
			T3	-.00333	.01563	.838	-.0416	.0349
		T2	T1	.00000	.01563	1.000	-.0383	.0383
			T3	-.00333	.01563	.838	-.0416	.0349
		T3	T1	.00333	.01563	.838	-.0349	.0416
			T2	.00333	.01563	.838	-.0349	.0416
	LSD	T1	T2	-.08000	.04464	.123	-.1892	.0292



RL	LSD	T2	T3	-.06667	.04464	.186	-.1759	.0426
			T1	.08000	.04464	.123	-.0292	.1892
			T3	.01333	.04464	.775	-.0959	.1226
		T3	T1	.06667	.04464	.186	-.0426	.1759
			T2	-.01333	.04464	.775	-.1226	.0959
			T1	-.02333	.06074	.714	-.1719	.1253
		T2	T3	-.03000	.06074	.639	-.1786	.1186
			T1	.02333	.06074	.714	-.1253	.1719
			T3	-.00667	.06074	.916	-.1553	.1419
		T3	T1	.03000	.06074	.639	-.1186	.1786
			T2	.00667	.06074	.916	-.1419	.1553
			T1	-.00333	.05171	.951	-.1299	.1232
RL+G	LSD	T2	T3	-.00333	.05171	.951	-.1299	.1232
			T1	.00333	.05171	.951	-.1232	.1299
			T3	.00000	.05171	1.000	-.1265	.1265
		T3	T1	.00333	.05171	.951	-.1232	.1299
			T2	.00000	.05171	1.000	-.1265	.1265
			T2	.00000	.05171	1.000	-.1265	.1265

5. Descriptive Statistics

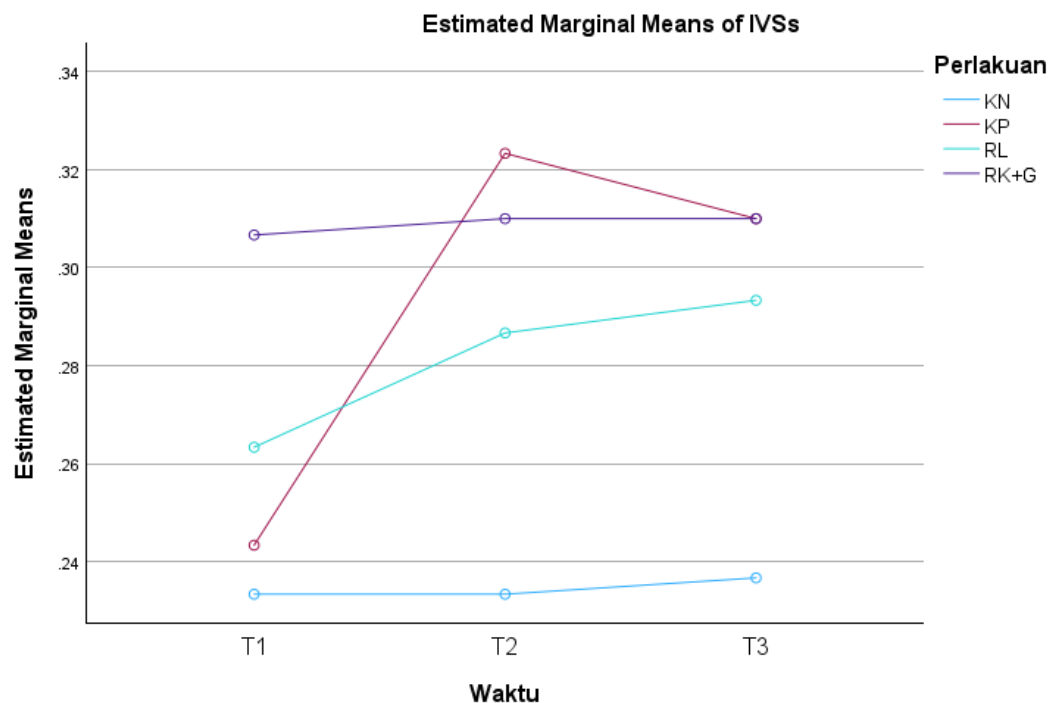
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	.2333	.00577	3
	T2	.2333	.02517	3
	T3	.2367	.02082	3
	Total	.2344	.01667	9
KP	T1	.2433	.03512	3
	T2	.3233	.04041	3
	T3	.3100	.07810	3
	Total	.2922	.06016	9
RL	T1	.2633	.08505	3
	T2	.2867	.08327	3
	T3	.2933	.04933	3
	Total	.2811	.06585	9
RL+G	T1	.3067	.06807	3
	T2	.3100	.05568	3
	T3	.3100	.06557	3
	Total	.3089	.05487	9
Total	T1	.2617	.05702	12
	T2	.2883	.05937	12
	T3	.2875	.05833	12
	Total	.2792	.05793	36



Perlakuan	Waktu			Mean
	T1	T2	T3	Perlakuan
KN	0.23 ± 0.01	0.23 ± 0.03	0.24 ± 0.02	0.23
KP	0.24 ± 0.04	0.32 ± 0.04	0.31 ± 0.08	0.29

RL	0.26 ± 0.09	0.29 ± 0.08	0.29 ± 0.05	0.28
RL+G	0.31 ± 0.07	0.31 ± 0.06	0.31 ± 0.07	0.31
Mean Waktu	0.26	0.29	0.29	

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



LVIDd (cm)

1. Normalitas

Tests of Normality						
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for LVIDd	.101	36	.200 [*]	.977	36	.634

0.634 > α (0.05) sehingga data LVIDd berdistribusi normal

2. Homogenitas

Levene's Test of Equality of Error Variances ^{a,b}					
		Levene Statistic	df1	df2	Sig.
LVIDd	Based on Mean	1.830	11	24	.105
	Based on Median	.328	11	24	.971
	Based on Median and with adjusted df	.328	11	13.338	.964
	Based on trimmed mean	1.635	11	24	.152

0.105 > α (0.05) sehingga data LVIDd homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.032 ^a	11	.003	1.843	.102
Intercept	1.951	1	1.951	1221.294	<.001
Perlakuan	.016	3	.005	3.379	.035
Waktu	.009	2	.005	2.892	.075
Perlakuan * Waktu	.007	6	.001	.726	.633
Error	.038	24	.002		
Total	2.021	36			
Corrected Total	.071	35			

- Diperoleh nilai $0.035 < \alpha$ (0.05) maka H_0 ditolak, sehingga variasi perlakuan memberikan pengaruh terhadap nilai LVIDd (cm)
- Diperoleh nilai $0.075 > \alpha$ (0.05) maka H_0 diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai LVIDd (cm)
- Diperoleh nilai $0.633 > \alpha$ (0.05) maka H_0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai LVIDd (cm)

4. Uji Lanjutan

DUNCAN				
Subset				
Perlakuan	N	1	2	
RL	9	.9600		
KP	9	1.0044		
	9	1.0767	1.0767	
	9		1.1811	
		.143	.165	



a) KN

Subset for alpha = 0.05				
	WKT	N	1	
Duncan ^a	T3	3		1.0633
	T1	3		1.0767
	T2	3		1.0900
	Sig.			.787

b) KP

Subset for alpha = 0.05				
	WKT	N	1	
Duncan ^a	T3	3		.9133
	T2	3		.9433
	T1	3		1.1567
	Sig.			.230

c) RL

Subset for alpha = 0.05					
	WKT	N	1	2	
Duncan ^a	T2	3	.8933		
	T3	3	.9033		
	T1	3		1.0833	
	Sig.		.880	1.000	

d) RL+G

Subset for alpha = 0.05				
	WKT	N	1	
Duncan ^a	T2	3		1.1367
	T3	3		1.1733
	T1	3		1.2333
	Sig.			.535

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariasi
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variasi

LSD

							95% Confidence Interval	
Dependent Variable	(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.		Lower Bound	Upper Bound
KN	LSD	T1	T2	-.01333	.09161	.889	-.2375	.2108
		T2	T3	.01333	.09161	.889	-.2108	.2375
		T2	T1	.01333	.09161	.889	-.2108	.2375
		T3	T3	.02667	.09161	.781	-.1975	.2508
		T3	T1	-.01333	.09161	.889	-.2375	.2108
			T2	-.02667	.09161	.781	-.2508	.1975



KP	LSD	T1	T2	.21333	.17619	.272	-.2178	.6445
			T3	.24333	.17619	.216	-.1878	.6745
		T2	T1	-.21333	.17619	.272	-.6445	.2178
			T3	.03000	.17619	.870	-.4011	.4611
		T3	T1	-.24333	.17619	.216	-.6745	.1878
			T2	-.03000	.17619	.870	-.4611	.4011
RL	LSD	T1	T2	.19000*	.06360	.024	.0344	.3456
			T3	.18000*	.06360	.030	.0244	.3356
		T2	T1	-.19000*	.06360	.024	-.3456	-.0344
			T3	-.01000	.06360	.880	-.1656	.1456
		T3	T1	-.18000*	.06360	.030	-.3356	-.0244
			T2	.01000	.06360	.880	-.1456	.1656
RL+G	LSD	T1	T2	.09667	.14244	.523	-.2519	.4452
			T3	.06000	.14244	.688	-.2885	.4085
		T2	T1	-.09667	.14244	.523	-.4452	.2519
			T3	-.03667	.14244	.805	-.3852	.3119
		T3	T1	-.06000	.14244	.688	-.4085	.2885
			T2	.03667	.14244	.805	-.3119	.3852

5. Descriptive Statistics

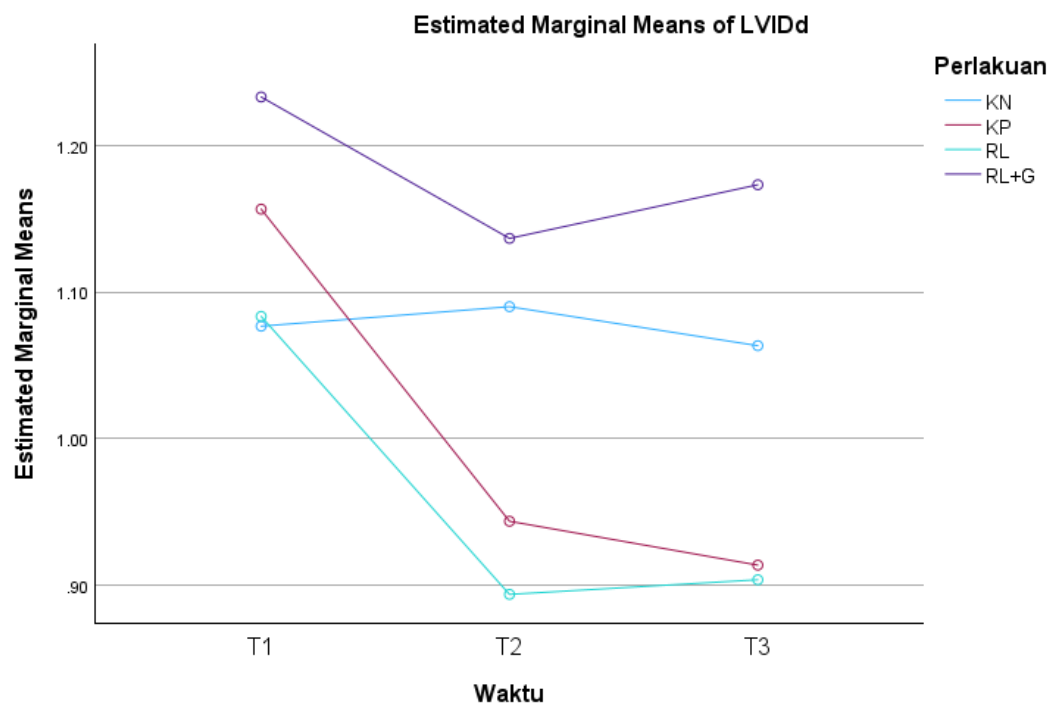
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	1.0767	.07095	3
	T2	1.0900	.13892	3
	T3	1.0633	.11590	3
	Total	1.0767	.09785	9
KP	T1	1.1567	.18930	3
	T2	.9433	.20526	3
	T3	.9133	.24846	3
	Total	1.0044	.21938	9
RL	T1	1.0833	.10970	3
	T2	.8933	.07506	3
	T3	.9033	.02309	3
	Total	.9600	.11456	9
RL+G	T1	1.2333	.15044	3
	T2	1.1367	.19604	3
	T3	1.1733	.17388	3
	Total	1.1811	.15688	9
Total	T1	1.1375	.13471	12
	T2	1.0158	.17375	12
	T3	1.0133	.18153	12
	Total	1.0556	.17030	36



Perlakuan	Waktu			Mean Perlakuan
	T1	T2	T3	
KN	1.08 ± 0.07	1.09 ± 0.14	1.06 ± 0.12	1.08
KP	1.16 ± 0.19	0.94 ± 0.21	0.91 ± 0.25	1.00

RL	1.08 ± 0.11	0.89 ± 0.08	0.90 ± 0.02	0.96
RL+G	1.23 ± 0.15	1.14 ± 0.20	1.17 ± 0.17	1.18
Mean Waktu	1.14	1.02	1.01	

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



LVIDs (cm)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for LVIDs	.116	36	.200*	.966	36	.327

0.327 > α (0.05) sehingga data LVIDs berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
LVIDs	Based on Mean	2.035	11	24	.071
	Based on Median	.357	11	24	.961
	Based on Median and with adjusted df	.357	11	12.369	.951
	Based on trimmed mean	1.817	11	24	.107

0.071 > α (0.05) sehingga data LVIDs homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.227 ^a	11	.021	.745	.687
Intercept	19.463	1	19.463	702.487	<.001
Perlakuan	.100	3	.033	1.205	.329
Waktu	.087	2	.043	1.568	.229
Perlakuan * Waktu	.040	6	.007	.242	.958
Error	.665	24	.028		
Total	20.355	36			
Corrected Total	.892	35			

- Diperoleh nilai 0.329 > α (0.05) maka H0 diterima, sehingga variasi perlakuan tidak memberikan pengaruh terhadap nilai LVIDs (cm)
- Diperoleh nilai 0.229 > α (0.05) maka H0 diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai LVIDs (cm)
- Diperoleh nilai 0.958 > α (0.05) maka H0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai LVIDs (cm)

4. Uji Lanjutan

DUNCAN

Subset for alpha = 0.05			
Perlakuan	N	1	
RL	9		.6478
KP	9		.7489
	9		.7556
	9		.7889
			.111



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T3	3	.7867
	T1	3	.7900
	T2	3	.7900
	Sig.		.974

b) KP

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T3	3	.6767
	T2	3	.7233
	T1	3	.8467
	Sig.		.390

c) RL

Subset for alpha = 0.05				
	WKT	N	1	2
Duncan ^a	T3	3	.5633	
	T2	3	.6133	.6133
	T1	3		.7667
	Sig.		.478	.060

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	.7267
	T3	3	.7300
	T1	3	.8100
	Sig.		.652

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariasi
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variasi

LSD

							95% Confidence Interval	
Dependent Variable	(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.		Lower Bound	Upper Bound
KN	LSD	T1	T2	.00000	.09456	1.000	-.2314	.2314
			T3	.00333	.09456	.973	-.2280	.2347
		T2	T1	.00000	.09456	1.000	-.2314	.2314
			T3	.00333	.09456	.973	-.2280	.2347
		T3	T1	-.00333	.09456	.973	-.2347	.2280
			T2	-.00333	.09456	.973	-.2347	.2280



KP	LSD	T1	T2	.12333	.17758	.513	-.3112	.5578
			T3	.17000	.17758	.375	-.2645	.6045
		T2	T1	-.12333	.17758	.513	-.5578	.3112
			T3	.04667	.17758	.801	-.3878	.4812
		T3	T1	-.17000	.17758	.375	-.6045	.2645
			T2	-.04667	.17758	.801	-.4812	.3878
RL	LSD	T1	T2	.15333	.06616	.060	-.0086	.3152
			T3	.20333*	.06616	.022	.0414	.3652
		T2	T1	-.15333	.06616	.060	-.3152	.0086
			T3	.05000	.06616	.478	-.1119	.2119
		T3	T1	-.20333*	.06616	.022	-.3652	-.0414
			T2	-.05000	.06616	.478	-.2119	.1119
RL+G	LSD	T1	T2	.08333	.17038	.642	-.3336	.5002
			T3	.08000	.17038	.655	-.3369	.4969
		T2	T1	-.08333	.17038	.642	-.5002	.3336
			T3	-.00333	.17038	.985	-.4202	.4136
		T3	T1	-.08000	.17038	.655	-.4969	.3369
			T2	.00333	.17038	.985	-.4136	.4202

5. Descriptive Statistics

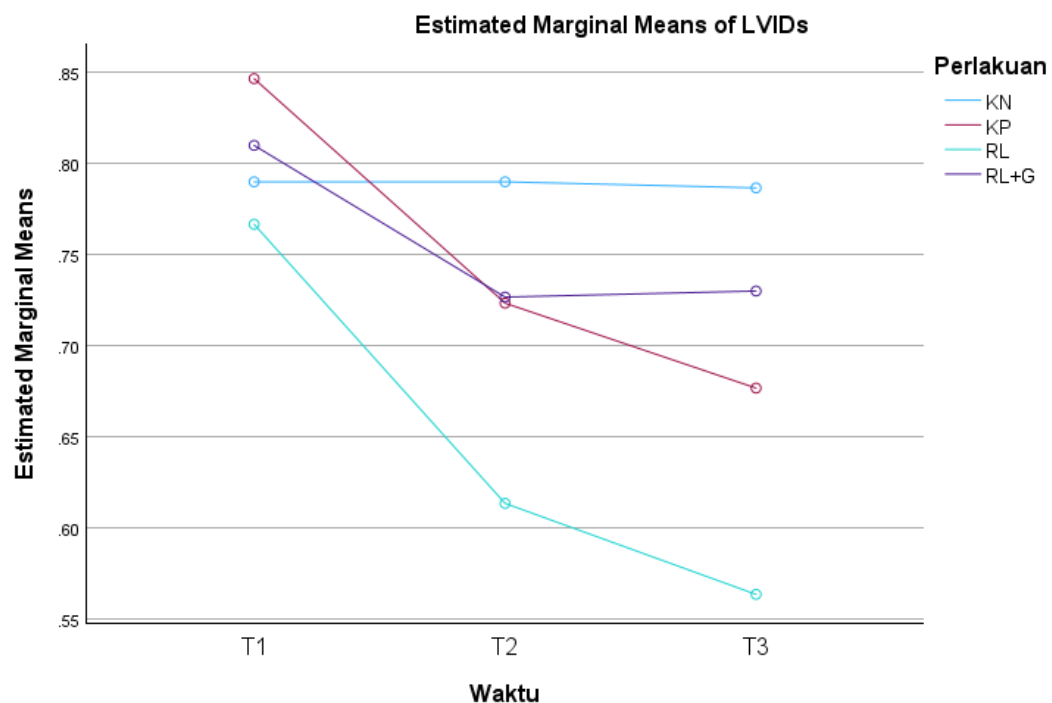
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	.7900	.09539	3
	T2	.7900	.13000	3
	T3	.7867	.11930	3
	Total	.7889	.10031	9
KP	T1	.8467	.19088	3
	T2	.7233	.10116	3
	T3	.6767	.30860	3
	Total	.7489	.20313	9
RL	T1	.7667	.08505	3
	T2	.6133	.08505	3
	T3	.5633	.07234	3
	Total	.6478	.11552	9
RL+G	T1	.8100	.23516	3
	T2	.7267	.17673	3
	T3	.7300	.21000	3
	Total	.7556	.18528	9
Total	T1	.8033	.14348	12
	T2	.7133	.12780	12
	T3	.6892	.19048	12
	Total	.7353	.15965	36



Perlakuan	Waktu			Mean Perlakuan
	T1	T2	T3	
KN	0.79 ± 0.10	0.79 ± 0.13	0.79 ± 0.12	0.79
KP	0.85 ± 0.19	0.72 ± 0.10	0.68 ± 0.31	0.75

RL	0.77 ± 0.09	0.61 ± 0.09	0.56 ± 0.07	0.65
RL+G	0.81 ± 0.24	0.73 ± 0.18	0.73 ± 0.21	0.76
Mean Waktu	0.80	0.71	0.69	

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



LVPWd (cm)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for LVPWd	.110	36	.200*	.958	36	.190

0.190 > α (0.05) sehingga data LVPWd berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
LVPWd	Based on Mean	1.159	11	24	.364
	Based on Median	.201	11	24	.996
	Based on Median and with adjusted df	.201	11	8.678	.992
	Based on trimmed mean	1.048	11	24	.439

0.364 > α (0.05) sehingga data LVPWd homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.055 ^a	11	.005	2.112	.061
Intercept	3.228	1	3.228	1373.622	<.001
Perlakuan	.035	3	.012	4.944	.008
Waktu	.013	2	.006	2.696	.088
Perlakuan * Waktu	.007	6	.001	.501	.801
Error	.056	24	.002		
Total	3.339	36			
Corrected Total	.111	35			

- Diperoleh nilai $0.008 < \alpha$ (0.05) maka H_0 ditolak, sehingga variasi perlakuan memberikan pengaruh terhadap nilai LVPWd (cm)
- Diperoleh nilai $0.088 > \alpha$ (0.05) maka H_0 diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai LVPWd (cm)
- Diperoleh nilai $0.801 > \alpha$ (0.05) maka H_0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai LVPWd (cm)

4. Uji Lanjutan

DUNCAN

Perlakuan	N	Subset	
		1	2
KN	9	.2689	
RL	9	.2700	
PL	9	.3178	.3178
LC	9		.3411
		.053	.317



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	.2600
	T3	3	.2667
	T2	3	.2800
	Sig.		.624

b) KP

Subset for alpha = 0.05				
	WKT	N	1	2
Duncan ^a	T1	3	.3033	
	T2	3	.3367	.3367
	T3	3		.3833
	Sig.		.306	.169

c) RL

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	.2467
	T2	3	.2767
	T3	3	.2867
	Sig.		.412

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	.2967
	T1	3	.3000
	T3	3	.3567
	Sig.		.246

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariasi
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variasi

LSD

							95% Confidence Interval	
Dependent Variable	(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.		Lower Bound	Upper Bound
KN	LSD	T1	T2	-.02000	.03752	.613	-.1118	.0718
		T2	T3	-.00667	.03752	.865	-.0985	.0851
		T2	T1	.02000	.03752	.613	-.0718	.1118
		T3	T3	.01333	.03752	.734	-.0785	.1051
		T3	T1	.00667	.03752	.865	-.0851	.0985
			T2	-.01333	.03752	.734	-.1051	.0785



KP	LSD	T1	T2	-.03333	.02981	.306	-.1063	.0396
			T3	-.08000*	.02981	.036	-.1530	-.0070
		T2	T1	.03333	.02981	.306	-.0396	.1063
			T3	-.04667	.02981	.169	-.1196	.0263
		T3	T1	.08000*	.02981	.036	.0070	.1530
			T2	.04667	.02981	.169	-.0263	.1196
RL	LSD	T1	T2	-.03000	.04397	.521	-.1376	.0776
			T3	-.04000	.04397	.398	-.1476	.0676
		T2	T1	.03000	.04397	.521	-.0776	.1376
			T3	-.01000	.04397	.828	-.1176	.0976
		T3	T1	.04000	.04397	.398	-.0676	.1476
			T2	.01000	.04397	.828	-.0976	.1176
RL+G	LSD	T1	T2	.00333	.04513	.944	-.1071	.1138
			T3	-.05667	.04513	.256	-.1671	.0538
		T2	T1	-.00333	.04513	.944	-.1138	.1071
			T3	-.06000	.04513	.232	-.1704	.0504
		T3	T1	.05667	.04513	.256	-.0538	.1671
			T2	.06000	.04513	.232	-.0504	.1704

5. Descriptive Statistics

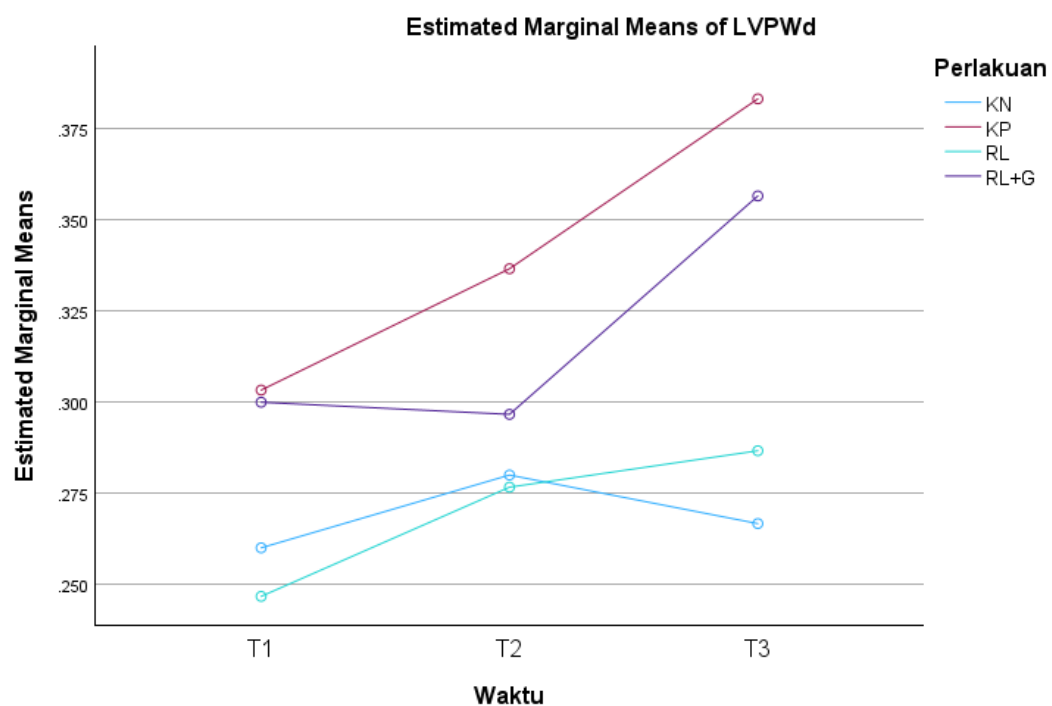
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	.2600	.03606	3
	T2	.2800	.05000	3
	T3	.2667	.05033	3
	Total	.2689	.04076	9
KP	T1	.3033	.02517	3
	T2	.3367	.04163	3
	T3	.3833	.04041	3
	Total	.3411	.04702	9
RL	T1	.2467	.06110	3
	T2	.2767	.05033	3
	T3	.2867	.04933	3
	Total	.2700	.05000	9
RL+G	T1	.3000	.08660	3
	T2	.2967	.02517	3
	T3	.3567	.03215	3
	Total	.3178	.05608	9
Total	T1	.2775	.05529	12
	T2	.2975	.04434	12
	T3	.3233	.06257	12
	Total	.2994	.05631	36



Perlakuan	Waktu			Mean Perlakuan
	T1	T2	T3	
KN	0.26 ± 0.04	0.28 ± 0.05	0.27 ± 0.05	0.27
KP	0.30 ± 0.03	0.34 ± 0.04	0.38 ± 0.04	0.34

RL	0.25 ± 0.06	0.28 ± 0.05	0.29 ± 0.05	0.27
RL+G	0.30 ± 0.09	0.30 ± 0.03	0.36 ± 0.03	0.32
Mean Waktu	0.28	0.30	0.32	

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



LVPWs (cm)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for LVPWs	.095	36	.200*	.976	36	.623

0.623 > α (0.05) sehingga data LVPWs berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
LVPWs	Based on Mean	1.343	11	24	.262
	Based on Median	.504	11	24	.882
	Based on Median and with adjusted df	.504	11	17.206	.875
	Based on trimmed mean	1.270	11	24	.299

0.262 > α (0.05) sehingga data LVPWs homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.089 ^a	11	.008	2.211	.051
Intercept	5.298	1	5.298	1442.633	<.001
Perlakuan	.065	3	.022	5.911	.004
Waktu	.013	2	.007	1.825	.183
Perlakuan * Waktu	.011	6	.002	.489	.810
Error	.088	24	.004		
Total	5.475	36			
Corrected Total	.177	35			

- Diperoleh nilai $0.004 < \alpha$ (0.05) maka H_0 ditolak, sehingga variasi perlakuan memberikan pengaruh terhadap nilai LVPWs (cm)
- Diperoleh nilai $0.183 > \alpha$ (0.05) maka H_0 diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai LVPWs (cm)
- Diperoleh nilai $0.810 > \alpha$ (0.05) maka H_0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai LVPWs (cm)

4. Uji Lanjutan

DUNCAN

Perlakuan	N	Subset		
		1	2	3
KN	9	.3256		
RL	9	.3633	.3633	
KP	9		.4089	.4089
	9			.4367
		.198	.124	.341



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	.3233
	T3	3	.3233
	T1	3	.3300
	Sig.		.913

b) KP

Subset for alpha = 0.05				
	WKT	N	1	2
Duncan ^a	T1	3	.3733	
	T2	3	.3833	
	T3	3		.4700
	Sig.		.745	1.000

c) RL

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	.3367
	T2	3	.3633
	T3	3	.3900
	Sig.		.464

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	.4167
	T1	3	.4333
	T3	3	.4600
	Sig.		.293

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariabel
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variabel

LSD

							95% Confidence Interval	
Dependent Variable	(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.		Lower Bound	Upper Bound
KN	LSD	T1 T2	.00667	.05689	.911		-.1326	.1459
		T1 T3	.00667	.05689	.911		-.1326	.1459
		T2 T1	-.00667	.05689	.911		-.1459	.1326
		T2 T3	.00000	.05689	1.000		-.1392	.1392
		T3 T1	-.00667	.05689	.911		-.1459	.1326
		T3 T2	.00000	.05689	1.000		-.1392	.1392



KP	LSD	T1	T2	-.01000	.02931	.745	-.0817	.0617
			T3	-.09667*	.02931	.016	-.1684	-.0249
		T2	T1	.01000	.02931	.745	-.0617	.0817
			T3	-.08667*	.02931	.025	-.1584	-.0149
		T3	T1	.09667*	.02931	.016	.0249	.1684
			T2	.08667*	.02931	.025	.0149	.1584
RL	LSD	T1	T2	-.02667	.06611	.701	-.1884	.1351
			T3	-.05333	.06611	.451	-.2151	.1084
		T2	T1	.02667	.06611	.701	-.1351	.1884
			T3	-.02667	.06611	.701	-.1884	.1351
		T3	T1	.05333	.06611	.451	-.1084	.2151
			T2	.02667	.06611	.701	-.1351	.1884
RL+G	LSD	T1	T2	.01667	.03641	.663	-.0724	.1058
			T3	-.02667	.03641	.492	-.1158	.0624
		T2	T1	-.01667	.03641	.663	-.1058	.0724
			T3	-.04333	.03641	.279	-.1324	.0458
		T3	T1	.02667	.03641	.492	-.0624	.1158
			T2	.04333	.03641	.279	-.0458	.1324

5. Descriptive Statistics

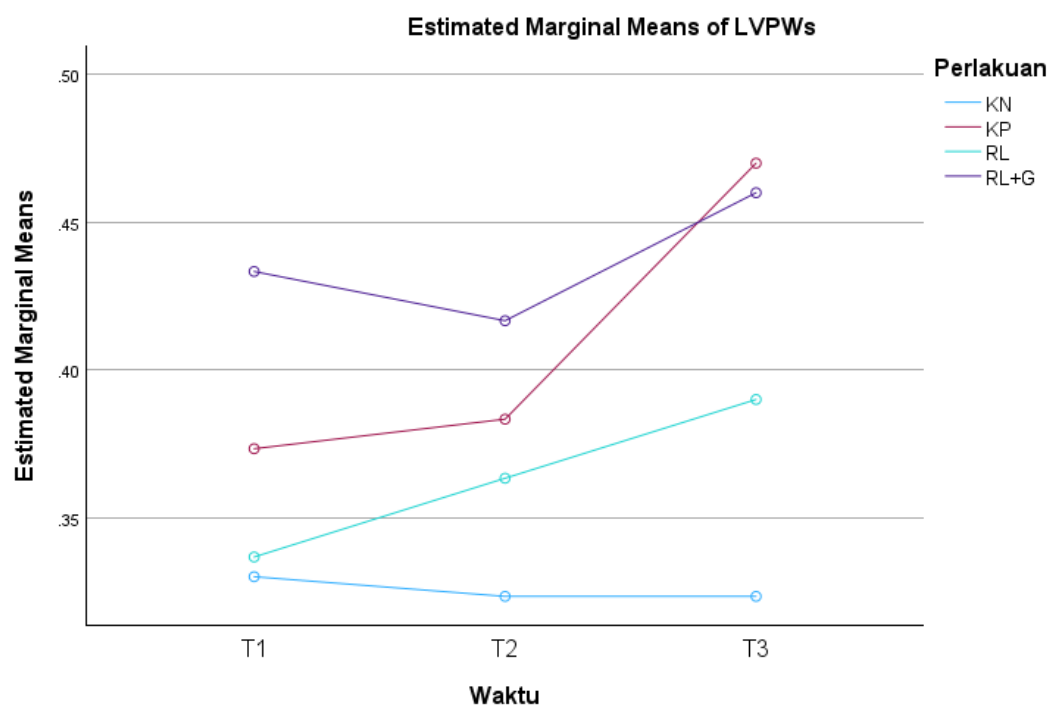
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	.3300	.07550	3
	T2	.3233	.06658	3
	T3	.3233	.06658	3
	Total	.3256	.06044	9
KP	T1	.3733	.03512	3
	T2	.3833	.03786	3
	T3	.4700	.03464	3
	Total	.4089	.05555	9
RL	T1	.3367	.06658	3
	T2	.3633	.06429	3
	T3	.3900	.10536	3
	Total	.3633	.07382	9
RL+G	T1	.4333	.07095	3
	T2	.4167	.02887	3
	T3	.4600	.01000	3
	Total	.4367	.04301	9
Total	T1	.3683	.06939	12
	T2	.3717	.05670	12
	T3	.4108	.08295	12
	Total	.3836	.07120	36



Perlakuan	Waktu			Mean Perlakuan
	T1	T2	T3	
KN	0.33 ± 0.08	0.32 ± 0.07	0.32 ± 0.07	0.33
KP	0.37 ± 0.04	0.38 ± 0.04	0.47 ± 0.03	0.41

RL	0.34 ± 0.07	0.36 ± 0.06	0.39 ± 0.1	0.36
RL+G	0.43 ± 0.07	0.42 ± 0.03	0.46 ± 0.01	0.44
Mean Waktu	0.37	0.37	0.41^b	

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



EDV (ml)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for EDV	.076	36	.200*	.972	36	.473

0.473 > α (0.05) sehingga data EDV berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
EDV	Based on Mean	1.776	11	24	.116
	Based on Median	.371	11	24	.955
	Based on Median and with adjusted df	.371	11	14.718	.948
	Based on trimmed mean	1.609	11	24	.159

0.116 > α (0.05) sehingga data EDV homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	16.425 ^a	11	1.493	1.543	.181
Intercept	227.205	1	227.205	234.774	<.001
Perlakuan	9.873	3	3.291	3.401	.034
Waktu	4.254	2	2.127	2.198	.133
Perlakuan * Waktu	2.298	6	.383	.396	.874
Error	23.226	24	.968		
Total	266.856	36			
Corrected Total	39.651	35			

- Diperoleh nilai $0.034 < \alpha$ (0.05) maka H_0 ditolak, sehingga variasi perlakuan memberikan pengaruh terhadap nilai EDV (ml)
- Diperoleh nilai $0.133 > \alpha$ (0.05) maka H_0 diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai EDV (ml)
- Diperoleh nilai $0.874 > \alpha$ (0.05) maka H_0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai EDV (ml)

4. Uji Lanjutan

DUNCAN

Perlakuan	N	Subset	
		1	2
RL	9	1.8978	
KP	9	2.2778	
KN	9	2.5467	2.5467
	9		3.3267
		.198	.106



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T3	3	2.4533
	T1	3	2.5300
	T2	3	2.6567
	Sig.		.735

b) KP

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T3	3	1.7933
	T2	3	1.8700
	T1	3	3.1700
	Sig.		.241

c) RL

Subset for alpha = 0.05				
	WKT	N	1	2
Duncan ^a	T2	3	1.5267	
	T3	3	1.5767	
	T1	3		2.5900
	Sig.		.900	1.000

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	3.0100
	T3	3	3.2667
	T1	3	3.7033
	Sig.		.541

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariasi
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variasi

LSD

							95% Confidence Interval	
Dependent Variable	(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.		Lower Bound	Upper Bound
KN	LSD	T1	T2	-.12667	.55549	.827	-1.4859	1.2326
		T2	T3	.07667	.55549	.895	-1.2826	1.4359
		T2	T1	.12667	.55549	.827	-1.2326	1.4859
		T3	T3	.20333	.55549	.727	-1.1559	1.5626
		T3	T1	-.07667	.55549	.895	-1.4359	1.2826
			T2	-.20333	.55549	.727	-1.5626	1.1559



KP	LSD	T1	T2	1.30000	1.02470	.252	-1.2073	3.8073
			T3	1.37667	1.02470	.228	-1.1307	3.8840
		T2	T1	-1.30000	1.02470	.252	-3.8073	1.2073
			T3	.07667	1.02470	.943	-2.4307	2.5840
		T3	T1	-1.37667	1.02470	.228	-3.8840	1.1307
			T2	-.07667	1.02470	.943	-2.5840	2.4307
RL	LSD	T1	T2	1.06333*	.38081	.031	.1315	1.9951
			T3	1.01333*	.38081	.037	.0815	1.9451
		T2	T1	-1.06333*	.38081	.031	-1.9951	-.1315
			T3	-.05000	.38081	.900	-.9818	.8818
		T3	T1	-1.01333*	.38081	.037	-1.9451	-.0815
			T2	.05000	.38081	.900	-.8818	.9818
RL+G	LSD	T1	T2	.69333	1.03784	.529	-1.8462	3.2328
			T3	.43667	1.03784	.689	-2.1028	2.9762
		T2	T1	-.69333	1.03784	.529	-3.2328	1.8462
			T3	-.25667	1.03784	.813	-2.7962	2.2828
		T3	T1	-.43667	1.03784	.689	-2.9762	2.1028
			T2	.25667	1.03784	.813	-2.2828	2.7962

5. Descriptive Statistics

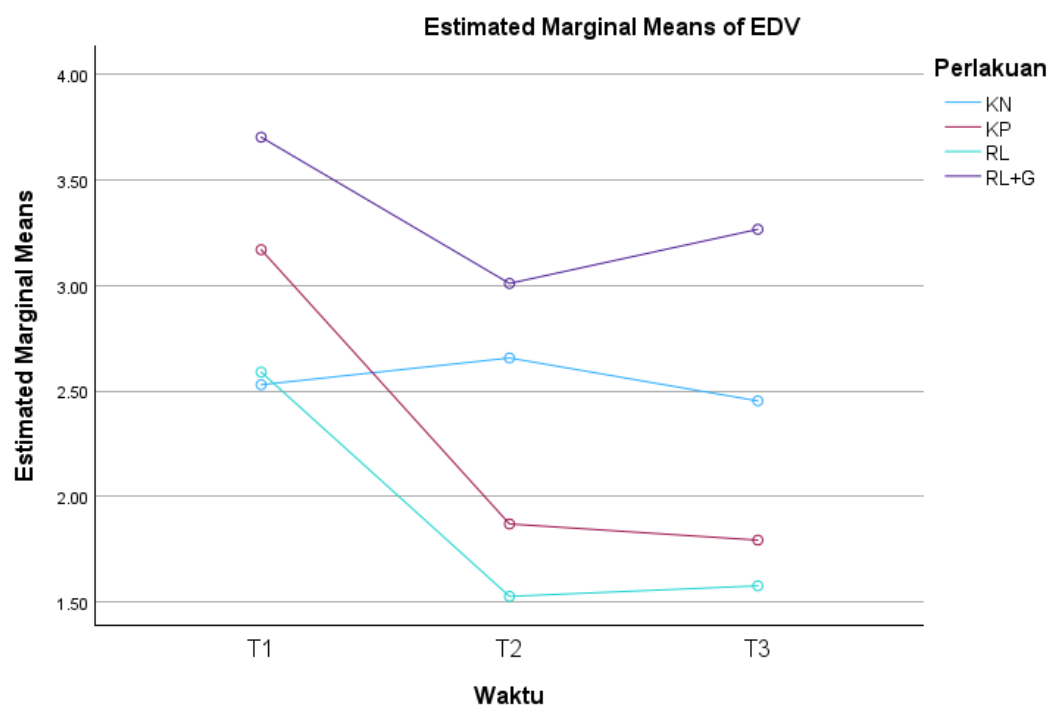
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	2.5300	.45902	3
	T2	2.6567	.85114	3
	T3	2.4533	.67337	3
	Total	2.5467	.59586	9
KP	T1	3.1700	1.25694	3
	T2	1.8700	1.10991	3
	T3	1.7933	1.38320	3
	Total	2.2778	1.27677	9
RL	T1	2.5900	.71896	3
	T2	1.5267	.34962	3
	T3	1.5767	.11590	3
	Total	1.8978	.65814	9
RL+G	T1	3.7033	1.19341	3
	T2	3.0100	1.31046	3
	T3	3.2667	1.30592	3
	Total	3.3267	1.14188	9
Total	T1	2.9983	.96301	12
	T2	2.2658	1.03662	12
	T3	2.2725	1.10271	12
	Total	2.5122	1.06437	36



Perlakuan	Waktu			Mean Perlakuan
	T1	T2	T3	
KN	2.53 ± 0.46	2.66 ± 0.85	2.45 ± 0.67	2.55
KP	3.17 ± 1.26	1.87 ± 1.11	1.79 ± 1.38	2.28

RL	2.59 ± 0.72	1.53 ± 0.35	1.58 ± 0.12	1.90
RL+G	3.70 ± 1.19	3.01 ± 1.31	3.27 ± 1.31	3.33
Mean Waktu	3.00	2.27	2.27	

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



ESV (ml)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for ESV	.108	36	.200*	.965	36	.307

0.307 > α (0.05) sehingga data ESV berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
ESV	Based on Mean	2.981	11	24	.122
	Based on Median	.411	11	24	.937
	Based on Median and with adjusted df	.411	11	10.998	.922
	Based on trimmed mean	2.597	11	24	.025

0.122 > α (0.05) sehingga data ESV homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2.557 ^a	11	.232	.609	.803
Intercept	34.948	1	34.948	91.560	<.001
Perlakuan	1.242	3	.414	1.084	.375
Waktu	.923	2	.461	1.208	.316
Perlakuan * Waktu	.393	6	.065	.172	.982
Error	9.161	24	.382		
Total	46.665	36			
Corrected Total	11.718	35			

- Diperoleh nilai 0.375 > α (0.05) maka H₀ diterima, sehingga variasi perlakuan tidak memberikan pengaruh terhadap nilai ESV (ml)
- Diperoleh nilai 0.316 > α (0.05) maka H₀ diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai ESV (ml)
- Diperoleh nilai 0.982 > α (0.05) maka H₀ diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai ESV (ml)

4. Uji Lanjutan

DUNCAN

Perlakuan	N	Subset 1
RL	9	.6644
	9	1.0767
	9	1.0867
	9	1.1133
		.171



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	1.1067
	T3	3	1.1100
	T2	3	1.1233
	Sig.		.963

b) KP

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	.8700
	T3	3	.9533
	T1	3	1.4067
	Sig.		.456

c) RL

Subset for alpha = 0.05				
	WKT	N	1	2
Duncan ^a	T3	3	.4333	
	T2	3	.5467	
	T1	3		1.0133
	Sig.		.564	1.000

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	.9500
	T3	3	.9900
	T1	3	1.3200
	Sig.		.610

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariabel
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variabel

LSD

							95% Confidence Interval	
Dependent Variable		(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
	LSD	T1	T2	-.01667	.33322	.962	-.8320	.7987
			T3	-.00333	.33322	.992	-.8187	.8120
		T2	T1	.01667	.33322	.962	-.7987	.8320
			T3	.01333	.33322	.969	-.8020	.8287
		T3	T1	.00333	.33322	.992	-.8120	.8187
			T2	-.01333	.33322	.969	-.8287	.8020
	LSD	T1	T2	.53667	.65316	.443	-1.0616	2.1349



RL	LSD	T2	T3	.45333	.65316	.514	-1.1449	2.0516
			T1	-.53667	.65316	.443	-2.1349	1.0616
			T3	-.08333	.65316	.903	-1.6816	1.5149
		T3	T1	-.45333	.65316	.514	-2.0516	1.1449
			T2	.08333	.65316	.903	-1.5149	1.6816
			T1	.46667*	.18559	.046	.0125	.9208
		T2	T3	.58000*	.18559	.020	.1259	1.0341
			T1	-.46667*	.18559	.046	-.9208	-.0125
			T3	.11333	.18559	.564	-.3408	.5675
		T3	T1	-.58000*	.18559	.020	-1.0341	-.1259
			T2	-.11333	.18559	.564	-.5675	.3408
			T1	.37000	.66765	.599	-1.2637	2.0037
RL+G	LSD	T1	T3	.33000	.66765	.639	-1.3037	1.9637
			T2	-.37000	.66765	.599	-2.0037	1.2637
			T3	-.04000	.66765	.954	-1.6737	1.5937
		T2	T1	-.33000	.66765	.639	-1.9637	1.3037
			T2	.04000	.66765	.954	-1.5937	1.6737
			T3					
		T3	T1					
			T2					

5. Descriptive Statistics

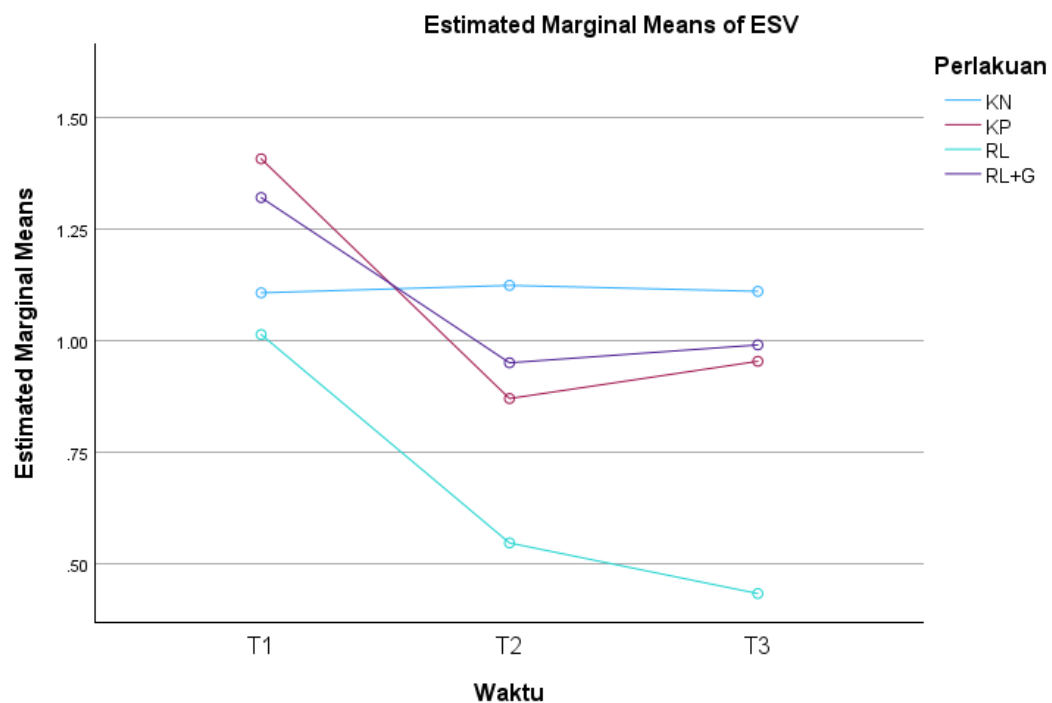
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	1.1067	.35233	3
	T2	1.1233	.45347	3
	T3	1.1100	.41219	3
	Total	1.1133	.35352	9
KP	T1	1.4067	.73105	3
	T2	.8700	.34655	3
	T3	.9533	1.12483	3
	Total	1.0767	.73655	9
RL	T1	1.0133	.30022	3
	T2	.5467	.21127	3
	T3	.4333	.14224	3
	Total	.6644	.33110	9
RL+G	T1	1.3200	.96566	3
	T2	.9500	.66836	3
	T3	.9900	.79164	3
	Total	1.0867	.72966	9
Total	T1	1.2117	.57704	12
	T2	.8725	.44307	12
	T3	.8717	.67237	12
	Total	.9853	.57861	36



Perlakuan	Waktu			Mean Perlakuan
	T1	T2	T3	
KN	1.11 ± 0.35 ^a	1.12 ± 0.45 ^a	1.11 ± 0.41 ^a	1.11 ^a
KP	1.41 ± 0.73 ^a	0.87 ± 0.35 ^a	0.95 ± 1.12 ^a	1.08 ^a

RL	1.01 ± 0.30^a	0.55 ± 0.21^a	0.43 ± 0.14^a	0.66^a
RL+G	1.32 ± 0.97^a	0.95 ± 0.67^a	0.99 ± 0.79^a	1.09^a
Mean Waktu	1.21^a	0.87^a	0.87^a	

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



SV (ml)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for SV	.063	36	.200*	.989	36	.976

0.976 > α (0.05) sehingga data SV berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
SV	Based on Mean	2.376	11	24	.377
	Based on Median	.460	11	24	.910
	Based on Median and with adjusted df	.460	11	8.375	.886
	Based on trimmed mean	2.154	11	24	.056

0.377 > α (0.05) sehingga data SV homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	8.617 ^a	11	.783	3.542	.005
Intercept	83.967	1	83.967	379.682	<.001
Perlakuan	6.375	3	2.125	9.609	<.001
Waktu	1.212	2	.606	2.740	.085
Perlakuan * Waktu	1.030	6	.172	.776	.596
Error	5.308	24	.221		
Total	97.892	36			
Corrected Total	13.925	35			

- Diperoleh nilai $<0.001 < \alpha$ (0.05) maka H_0 ditolak, sehingga variasi perlakuan memberikan pengaruh terhadap nilai SV (ml)
- Diperoleh nilai $0.085 > \alpha$ (0.05) maka H_0 diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai SV (ml)
- Diperoleh nilai $0.596 > \alpha$ (0.05) maka H_0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai SV (ml)

4. Uji Lanjutan

DUNCAN

Perlakuan	N	Subset	
		1	2
KP	9	1.2033	
DI	9	1.2333	
	9	1.4322	
	9		2.2400
		.340	1.000



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T3	3	1.3433
	T1	3	1.4233
	T2	3	1.5300
	Sig.		.511

b) KP

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T3	3	.8400
	T2	3	1.0033
	T1	3	1.7667
	Sig.		.099

c) RL

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	.9833
	T3	3	1.1433
	T1	3	1.5733
	Sig.		.060

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	2.0600
	T3	3	2.2767
	T1	3	2.3833
	Sig.		.556

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariabel
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variabel

LSD

							95% Confidence Interval	
Dependent Variable		(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
KN	LSD	T1	T2	-.10667	.25874	.694	-.7398	.5265
			T3	.08000	.25874	.768	-.5531	.7131
		T2	T1	.10667	.25874	.694	-.5265	.7398
			T3	.18667	.25874	.498	-.4465	.8198
		T3	T1	-.08000	.25874	.768	-.7131	.5531
			T2	-.18667	.25874	.498	-.8198	.4465
	LSD	T1	T2	.76333	.45825	.147	-.3580	1.8846



RL	LSD	T2	T3	.92667	.45825	.090	-.1946	2.0480
			T1	-.76333	.45825	.147	-1.8846	.3580
			T3	.16333	.45825	.734	-.9580	1.2846
		T3	T1	-.92667	.45825	.090	-2.0480	.1946
			T2	-.16333	.45825	.734	-1.2846	.9580
			T1	.59000	.24631	.054	-.0127	1.1927
		T2	T3	.43000	.24631	.131	-.1727	1.0327
			T1	-.59000	.24631	.054	-1.1927	.0127
			T3	-.16000	.24631	.540	-.7627	.4427
		T3	T1	-.43000	.24631	.131	-1.0327	.1727
			T2	.16000	.24631	.540	-.4427	.7627
			T1	.32333	.50212	.543	-.9053	1.5520

RL+G	LSD	T2	T3	.10667	.50212	.839	-1.1220	1.3353
			T1	-.32333	.50212	.543	-1.5520	.9053
			T3	-.21667	.50212	.681	-1.4453	1.0120
		T3	T1	-.10667	.50212	.839	-1.3353	1.1220
			T2	.21667	.50212	.681	-1.0120	1.4453
			T3					

5. Descriptive Statistics

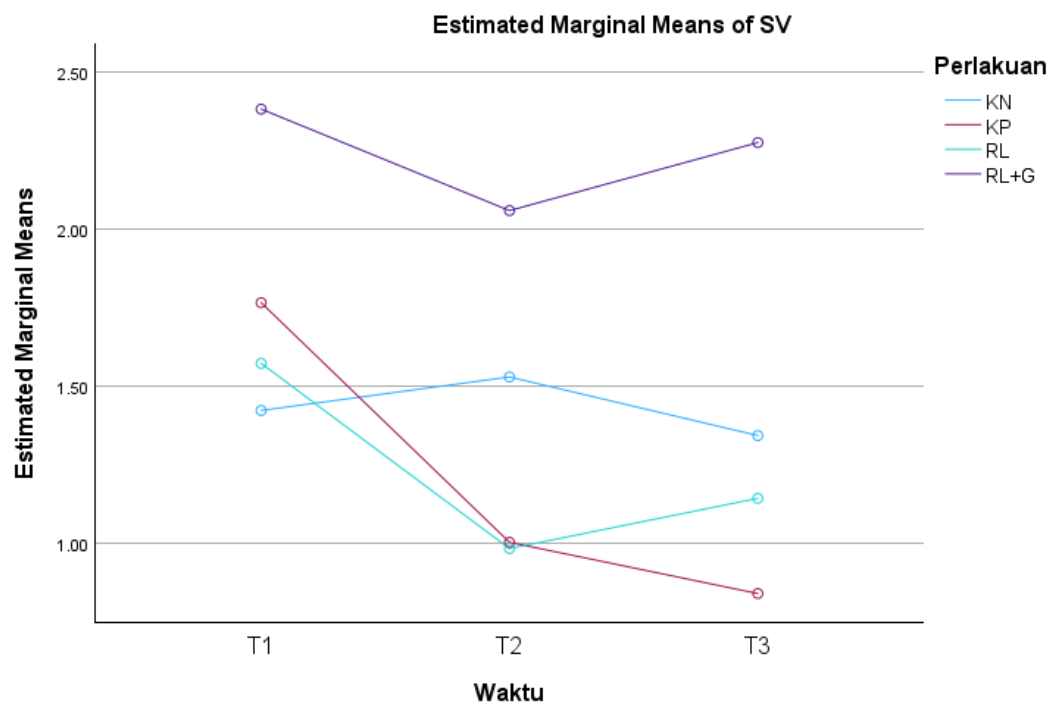
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	1.4233	.20793	3
	T2	1.5300	.41328	3
	T3	1.3433	.29535	3
	Total	1.4322	.28617	9
KP	T1	1.7667	.52624	3
	T2	1.0033	.76846	3
	T3	.8400	.27839	3
	Total	1.2033	.64788	9
RL	T1	1.5733	.47353	3
	T2	.9833	.17616	3
	T3	1.1433	.13317	3
	Total	1.2333	.37158	9
RL+G	T1	2.3833	.23714	3
	T2	2.0600	.85773	3
	T3	2.2767	.58535	3
	Total	2.2400	.55136	9
Total	T1	1.7867	.50480	12
	T2	1.3942	.70104	12
	T3	1.4008	.63988	12
	Total	1.5272	.63076	36



Perlakuan	Waktu			Mean
	T1	T2	T3	Perlakuan
KN	1.42 ± 0.21	1.53 ± 0.41	1.34 ± 0.30	1.43
KP	1.77 ± 0.53	1.00 ± 0.77	0.84 ± 0.28	1.20

RL	1.57 ± 0.47	0.98 ± 0.18	1.14 ± 0.13	1.23
RL+G	2.38 ± 0.24	2.06 ± 0.86	2.28 ± 0.59	2.24
Mean Waktu	1.79	1.39	1.40	

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



CO (ml)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for CO	.079	36	.200*	.975	36	.587

0.587 > α (0.05) sehingga data CO berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
CO	Based on Mean	2.646	11	24	.222
	Based on Median	.459	11	24	.910
	Based on Median and with adjusted df	.459	11	7.744	.883
	Based on trimmed mean	2.367	11	24	.038

0.222 > α (0.05) sehingga data CO homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	244898.906 ^a	11	22263.537	4.940	<.001
Intercept	2321097.955	1	2321097.955	515.012	<.001
Perlakuan	138937.014	3	46312.338	10.276	<.001
Waktu	77351.764	2	38675.882	8.582	.002
Perlakuan * Waktu	28610.128	6	4768.355	1.058	.414
Error	108165.168	24	4506.882		
Total	2674162.029	36			
Corrected Total	353064.074	35			

- Diperoleh nilai <0.001 < α (0.05) maka H₀ ditolak, sehingga variasi perlakuan memberikan pengaruh terhadap nilai CO (ml)
- Diperoleh nilai 0.002 < α (0.05) maka H₀ ditolak, sehingga variasi waktu memberikan pengaruh terhadap nilai CO (ml)
- Diperoleh nilai 0.414 > α (0.05) maka H₀ diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai CO (ml)

4. Uji Lanjutan

DUNCAN

		Subset	
Perlakuan	N	1	2
KP	9	187.5878	
RL	9	221.6278	
KN	9	252.5767	
	9		353.8844
		.063	1.000



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T3	3	230.3200
	T1	3	261.0200
	T2	3	266.3900
	Sig.		.523

b) KP

Subset for alpha = 0.05				
	WKT	N	1	2
Duncan ^a	T3	3	133.5433	
	T2	3	143.4333	
	T1	3		285.7867
	Sig.		.862	1.000

c) RL

Subset for alpha = 0.05				
	WKT	N	1	2
Duncan ^a	T2	3	173.5833	
	T3	3	191.8867	
	T1	3		299.4133
	Sig.		.484	1.000

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	284.5300
	T3	3	346.1867
	T1	3	430.9367
	Sig.		.112

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariasi
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variasi

LSD

							95% Confidence Interval	
Dependent Variable	(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.		Lower Bound	Upper Bound
KN	LSD	T1	T2	-5.37000	51.54357	.920	-131.4926	120.7526
		T2	T1	5.37000	51.54357	.920	-120.7526	131.4926
		T1	T3	30.70000	51.54357	.573	-95.4226	156.8226
		T2	T3	36.07000	51.54357	.573	-85.4226	167.5626



KP	LSD	T1	T3	36.07000	51.54357	.510	-90.0526	162.1926
			T3	-30.70000	51.54357	.573	-156.8226	95.4226
			T2	-36.07000	51.54357	.510	-162.1926	90.0526
			T2	142.35333*	54.66183	.040	8.6007	276.1060
		T2	T3	152.24333*	54.66183	.032	18.4907	285.9960
			T1	-142.35333*	54.66183	.040	-276.1060	-8.6007
			T3	9.89000	54.66183	.862	-123.8627	143.6427
			T3	-152.24333*	54.66183	.032	-285.9960	18.4907
		T1	T2	-9.89000	54.66183	.862	-143.6427	123.8627
			T2	125.83000*	24.53177	.002	65.8029	185.8571
			T3	107.52667*	24.53177	.005	47.4996	167.5537
			T2	-125.83000*	24.53177	.002	-185.8571	65.8029

RL	LSD	T1	T3	-18.30333	24.53177	.484	-78.3304	41.7237
			T3	-107.52667*	24.53177	.005	-167.5537	47.4996
			T2	18.30333	24.53177	.484	-41.7237	78.3304
			T2	146.40667	75.97295	.102	-39.4924	332.3058
		T2	T3	84.75000	75.97295	.307	-101.1491	270.6491
			T1	-146.40667	75.97295	.102	-332.3058	39.4924
			T3	-61.65667	75.97295	.448	-247.5558	124.2424
			T3	-84.75000	75.97295	.307	-270.6491	101.1491
		T1	T2	61.65667	75.97295	.448	-124.2424	247.5558
			T3					
			T1					
			T2					

5. Descriptive Statistics

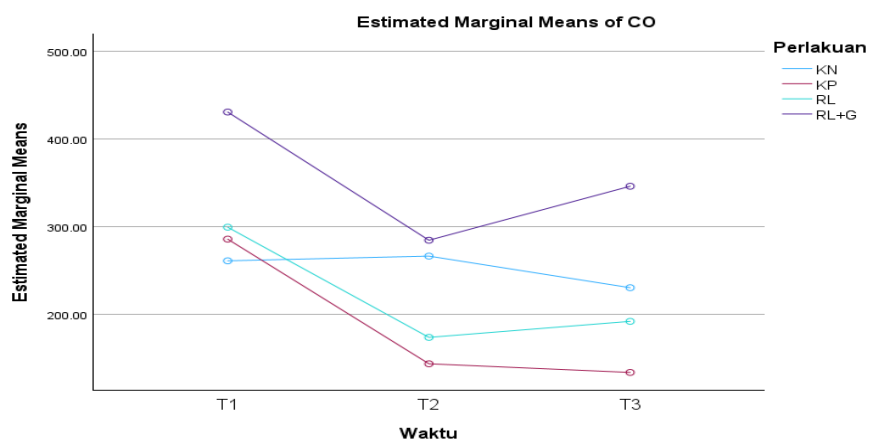
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	261.0200	35.91087	3
	T2	266.3900	82.90110	3
	T3	230.3200	61.58853	3
	Total	252.5767	57.20908	9
	T1	285.7867	46.47399	3
	T2	143.4333	97.52981	3
	T3	133.5433	42.11560	3
	Total	187.5878	93.82934	9
	T1	299.4133	43.23352	3
	T2			



RL+G	T2	173.5833	26.63910	3
	T3	191.8867	11.37348	3
	Total	221.6278	64.36852	9
	T1	430.9367	73.98743	3
Total	T2	284.5300	136.13814	3
	T3	346.1867	44.33698	3
	Total	353.8844	102.69251	9
	T1	319.2892	81.86418	12
Total	T2	216.9842	101.86711	12
	T3	225.4842	89.36501	12
	Total	253.9192	100.43677	36

Indikator	Perlakuan	Waktu			Mean Perlakuan
		T1	T2	T3	
CO	KN	261.02 ± 35.91	266.39 ± 82.90	230.32 ± 61.59	252.58
	KP	285.79 ± 46.47	143.43 ± 97.53	133.54 ± 42.12	187.59
	RL	299.41 ± 43.23	173.58 ± 26.64	191.89 ± 11.37	221.63
	RL+G	430.94 ± 73.99	284.53 ± 136.14	346.19 ± 44.34	353.88
	Mean	319.29	216.98	225.48	
	Waktu				

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indikator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



EF (%)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for EF	.080	36	.200*	.986	36	.927

0.927 > α (0.05) sehingga data EF berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
EF	Based on Mean	1.342	11	24	.262
	Based on Median	.487	11	24	.893
	Based on Median and with adjusted df	.487	11	13.210	.881
	Based on trimmed mean	1.268	11	24	.300

0.262 > α (0.05) sehingga data EF homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1804.311 ^a	11	164.028	1.262	.303
Intercept	137122.090	1	137122.090	1055.098	<.001
Perlakuan	1380.591	3	460.197	3.541	.030
Waktu	122.863	2	61.432	.473	.629
Perlakuan * Waktu	300.856	6	50.143	.386	.881
Error	3119.076	24	129.961		
Total	142045.477	36			
Corrected Total	4923.387	35			

- Diperoleh nilai $0.030 < \alpha$ (0.05) maka H_0 ditolak, sehingga variasi perlakuan memberikan pengaruh terhadap nilai EF (%)
- Diperoleh nilai $0.629 > \alpha$ (0.05) maka H_0 diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai EF (%)
- Diperoleh nilai $0.881 > \alpha$ (0.05) maka H_0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai EF (%)

4. Uji Lanjutan

DUNCAN

Perlakuan	N	Subset	
		1	2
KP	9	54.4278	
KN	9	57.0100	
DI	9	65.9578	65.9578
	9		69.4711
		.052	.519



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T3	3	55.5567
	T1	3	56.8933
	T2	3	58.5800
	Sig.		.609

b) KP

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	48.6267
	T3	3	57.0700
	T1	3	57.5867
	Sig.		.524

c) RL

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	60.5533
	T2	3	64.6900
	T3	3	72.6300
	Sig.		.108

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	67.4900
	T2	3	68.9100
	T3	3	72.0133
	Sig.		.695

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariasi
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variasi

LSD

							95% Confidence Interval	
Dependent Variable	(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.		Lower Bound	Upper Bound
KN	LSD	T1	T2	-1.68667	5.43370	.767	-14.9825	11.6091
			T3	1.33667	5.43370	.814	-11.9591	14.6325
		T2	T1	1.68667	5.43370	.767	-11.6091	14.9825
			T3	3.02333	5.43370	.598	-10.2725	16.3191
		T3	T1	-1.33667	5.43370	.814	-14.6325	11.9591
			T2	-3.02333	5.43370	.598	-16.3191	10.2725



KP	LSD	T1	T2	8.96000	12.85294	.512	-22.4900	40.4100
			T3	.51667	12.85294	.969	-30.9334	31.9667
		T2	T1	-8.96000	12.85294	.512	-40.4100	22.4900
			T3	-8.44333	12.85294	.536	-39.8934	23.0067
		T3	T1	-.51667	12.85294	.969	-31.9667	30.9334
			T2	8.44333	12.85294	.536	-23.0067	39.8934
		T1	T2	-4.13667	6.18097	.528	-19.2610	10.9876
			T3	-12.07667	6.18097	.099	-27.2010	3.0476
RL	LSD	T2	T1	4.13667	6.18097	.528	-10.9876	19.2610
			T3	-7.94000	6.18097	.246	-23.0643	7.1843
		T3	T1	12.07667	6.18097	.099	-3.0476	27.2010
			T2	7.94000	6.18097	.246	-7.1843	23.0643
		T1	T2	-1.42000	10.66004	.898	-27.5042	24.6642
			T3	-4.52333	10.66004	.686	-30.6075	21.5608
		T2	T1	1.42000	10.66004	.898	-24.6642	27.5042
			T3	-3.10333	10.66004	.781	-29.1875	22.9808
RL+G	LSD	T3	T1	4.52333	10.66004	.686	-21.5608	30.6075
			T2	3.10333	10.66004	.781	-22.9808	29.1875

5. Descriptive Statistics

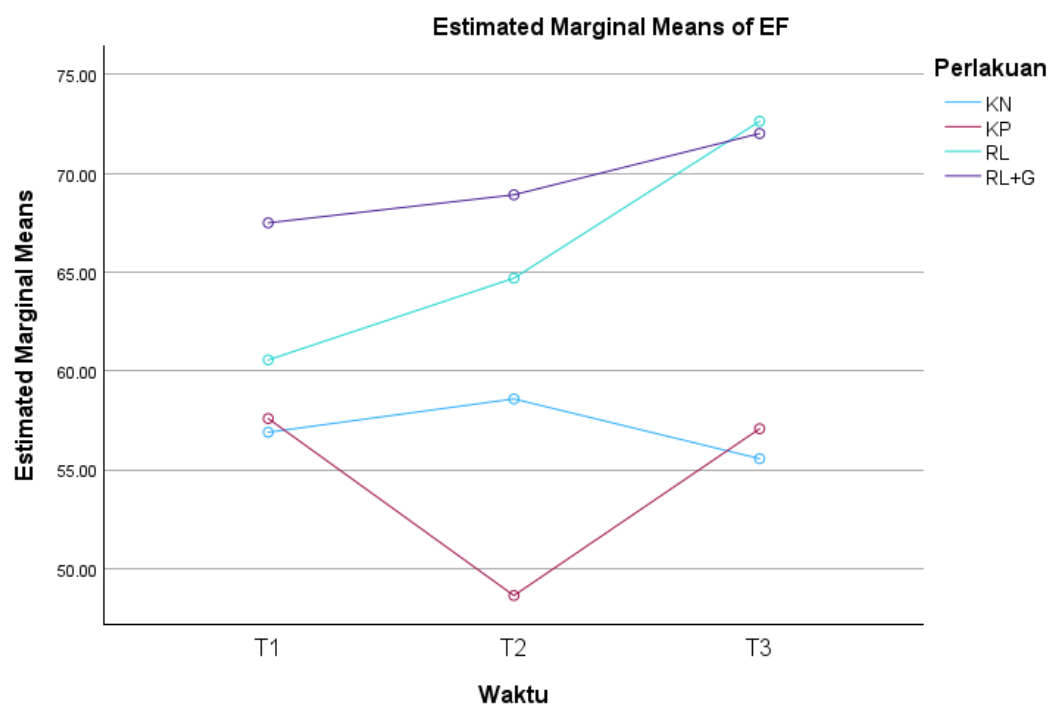
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	56.8933	8.21028	3
	T2	58.5800	5.01142	3
	T3	55.5567	6.35139	3
	Total	57.0100	5.91078	9
KP	T1	57.5867	7.70071	3
	T2	48.6267	14.49805	3
	T3	57.0700	21.76918	3
	Total	54.4278	14.31180	9
RL	T1	60.5533	6.65941	3
	T2	64.6900	7.32701	3
	T3	72.6300	8.59574	3
	Total	65.9578	8.43979	9
RL+G	T1	67.4900	15.01222	3
	T2	68.9100	12.21145	3
	T3	72.0133	11.69946	3
	Total	69.4711	11.48279	9
Total	T1	60.6308	9.55233	12
	T2	60.2017	11.96205	12
	T3	64.3175	14.21526	12
	Total	61.7167	11.86036	36



Perlakuan	Waktu			Mean Perlakuan
	T1	T2	T3	
KN	56.89 ± 8.21	58.58 ± 5.01	55.56 ± 6.35	57.01
KP	57.59 ± 7.70	48.63 ± 14.50	57.07 ± 21.77	54.43

RL	60.55 ± 6.66	64.69 ± 7.33	72.63 ± 8.60	65.96
RL+G	67.49 ± 15.01	68.91 ± 12.21	72.01 ± 11.70	69.47
Mean Waktu	60.63	60.20	64.32	

- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



FS (%)

1. Normalitas

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Standardized Residual for FS	.085	36	.200*	.985	36	.892

0.892 > α (0.05) sehingga data FS berdistribusi normal

2. Homogenitas

		Levene Statistic	df1	df2	Sig.
FS	Based on Mean	1.115	11	24	.392
	Based on Median	.500	11	24	.884
	Based on Median and with adjusted df	.500	11	14.068	.873
	Based on trimmed mean	1.069	11	24	.424

0.392 > α (0.05) sehingga data FS homogen

3. Anova Two Way

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	892.233 ^a	11	81.112	1.353	.257
Intercept	33454.239	1	33454.239	558.156	<.001
Perlakuan	688.604	3	229.535	3.830	.023
Waktu	71.977	2	35.988	.600	.557
Perlakuan * Waktu	131.652	6	21.942	.366	.893
Error	1438.490	24	59.937		
Total	35784.962	36			
Corrected Total	2330.723	35			

- Diperoleh nilai $0.023 < \alpha$ (0.05) maka H_0 ditolak, sehingga variasi perlakuan memberikan pengaruh terhadap nilai FS (%)
- Diperoleh nilai $0.557 > \alpha$ (0.05) maka H_0 diterima, sehingga variasi waktu tidak memberikan pengaruh terhadap nilai FS (%)
- Diperoleh nilai $0.893 > \alpha$ (0.05) maka H_0 diterima, sehingga interaksi variasi perlakuan dan waktu tidak memberikan pengaruh terhadap nilai FS (%)

4. Uji Lanjutan

DUNCAN

Perlakuan	N	Subset	
		1	2
KP	9	25.7956	
KN	9	26.8133	
DI	9	32.9156	32.9156
	9		36.4122
		.076	.348



a) KN

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T3	3	25.8800
	T1	3	26.7900
	T2	3	27.7700
	Sig.		.596

b) KP

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T2	3	22.2200
	T1	3	27.3500
	T3	3	27.8167
	Sig.		.498

c) RL

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	29.0967
	T2	3	31.7167
	T3	3	37.9333
	Sig.		.121

d) RL+G

Subset for alpha = 0.05			
	WKT	N	1
Duncan ^a	T1	3	35.0867
	T2	3	35.8567
	T3	3	38.2933
	Sig.		.723

- Perbedaan letak nilai subset menunjukkan tingkat perbedaan antarvariabel
- Nilai yang terletak pada kolom subset yang sama menunjukkan tidak adanya perbedaan yang signifikan antara variabel

LSD

							95% Confidence Interval	
Dependent Variable		(I) WKT	(J) WKT	Mean Difference (I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
KN	LSD	T1	T2	-.98000	3.27170	.775	-8.9856	7.0256
			T3	.91000	3.27170	.790	-7.0956	8.9156
		T2	T1	.98000	3.27170	.775	-7.0256	8.9856
			T3	1.89000	3.27170	.584	-6.1156	9.8956
		T3	T1	-.91000	3.27170	.790	-8.9156	7.0956
			T2	-1.89000	3.27170	.584	-9.8956	6.1156
	LSD	T1	T2	5.13000	7.52186	.521	-13.2753	23.5353



RL	LSD	T2	T3	-.46667	7.52186	.953	-18.8720	17.9387
			T1	-5.13000	7.52186	.521	-23.5353	13.2753
			T3	-5.59667	7.52186	.485	-24.0020	12.8087
		T3	T1	.46667	7.52186	.953	-17.9387	18.8720
			T2	5.59667	7.52186	.485	-12.8087	24.0020
			T1	-2.62000	4.72322	.599	-14.1773	8.9373
		T2	T3	-8.83667	4.72322	.111	-20.3940	2.7206
			T1	2.62000	4.72322	.599	-8.9373	14.1773
			T3	-6.21667	4.72322	.236	-17.7740	5.3406
		T3	T1	8.83667	4.72322	.111	-2.7206	20.3940
			T2	6.21667	4.72322	.236	-5.3406	17.7740
			T1	-.77000	8.38099	.930	-21.2775	19.7375
RL+G	LSD	T1	T3	-3.20667	8.38099	.715	-23.7142	17.3009
			T2	.77000	8.38099	.930	-19.7375	21.2775
			T3	-2.43667	8.38099	.781	-22.9442	18.0709
		T2	T1	3.20667	8.38099	.715	-17.3009	23.7142
			T2	2.43667	8.38099	.781	-18.0709	22.9442
			T3					

5. Descriptive Statistics

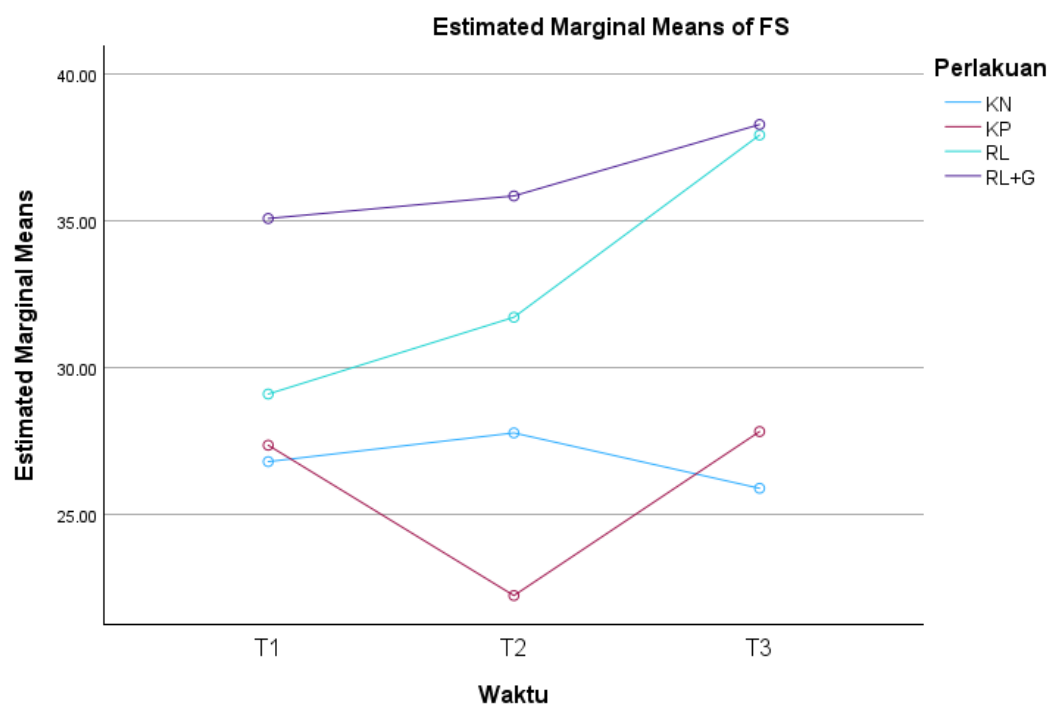
Perlakuan	Waktu	Mean	Std. Deviation	N
KN	T1	26.7900	5.06744	3
	T2	27.7700	2.96309	3
	T3	25.8800	3.70259	3
	Total	26.8133	3.56540	9
KP	T1	27.3500	4.68309	3
	T2	22.2200	7.73118	3
	T3	27.8167	13.14916	3
	Total	25.7956	8.41920	9
RL	T1	29.0967	4.35048	3
	T2	31.7167	5.20785	3
	T3	37.9333	7.37165	3
	Total	32.9156	6.36766	9
RL+G	T1	35.0867	11.16796	3
	T2	35.8567	10.13857	3
	T3	38.2933	9.41120	3
	Total	36.4122	9.00682	9
Total	T1	29.5808	6.82550	12
	T2	29.3908	7.98134	12
	T3	32.4808	9.74942	12
	Total	30.4842	8.16040	36



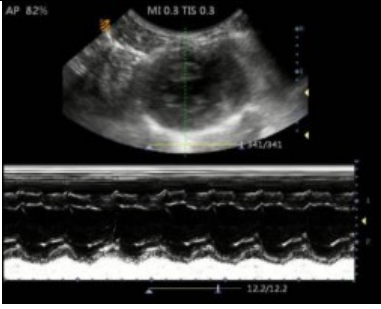
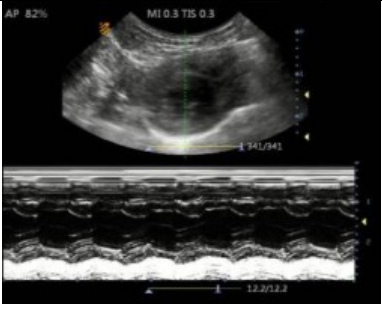
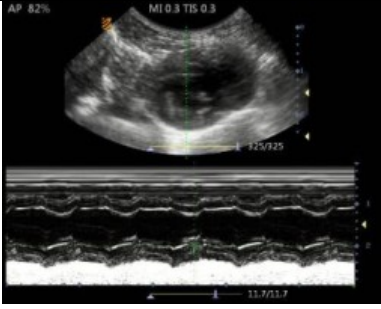
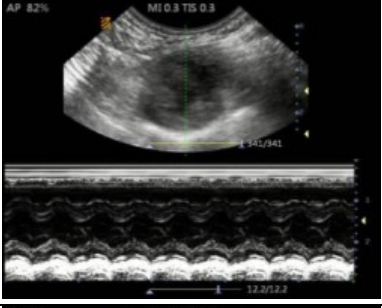
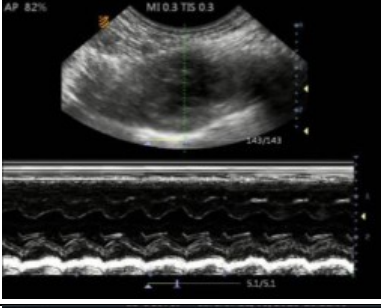
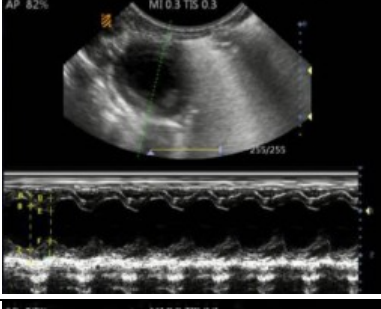
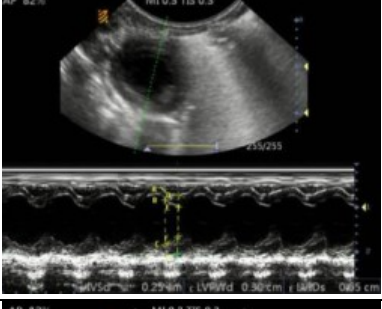
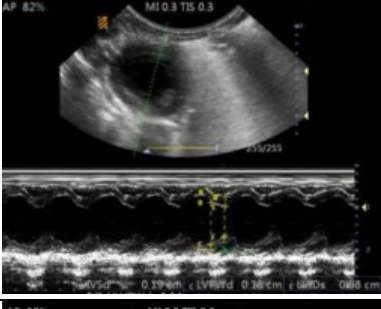
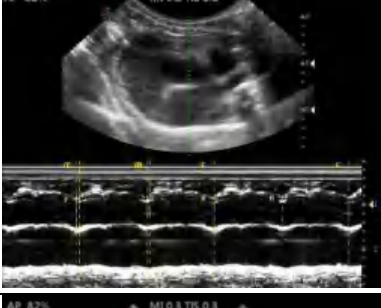
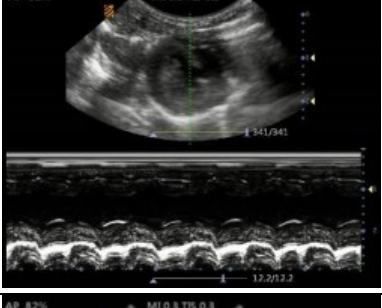
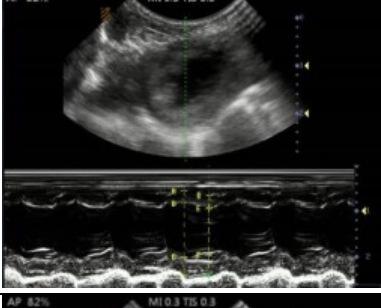
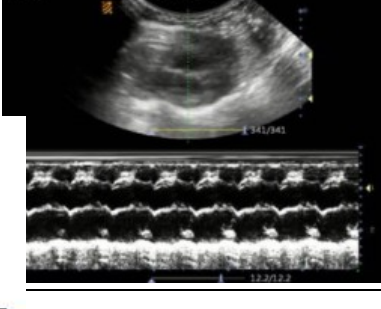
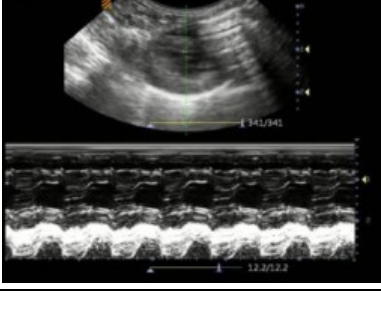
Perlakuan	Waktu			Mean
	T1	T2	T3	Perlakuan
KN	26.79 ± 5.07	27.77 ± 2.96	25.88 ± 3.70	26.81
KP	27.35 ± 4.68	22.22 ± 7.73	27.82 ± 13.15	25.80

RL	29.10 ± 4.35	31.72 ± 5.21	37.93 ± 7.37	32.92
RL+G	35.09 ± 11.17	35.86 ± 10.14	38.29 ± 9.41	36.41
Mean Waktu	29.58	29.39	32.48	

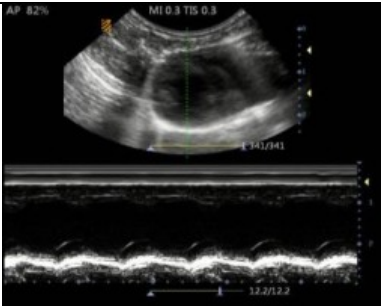
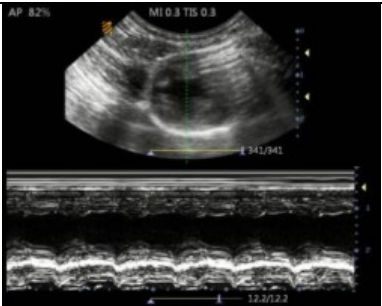
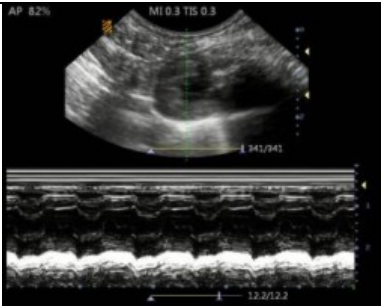
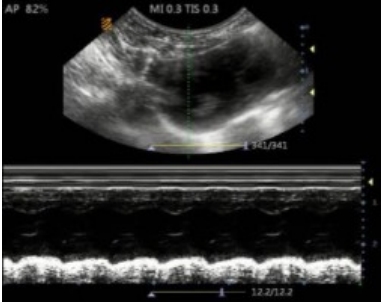
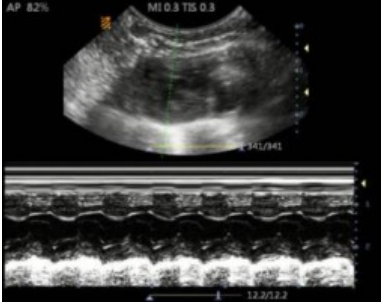
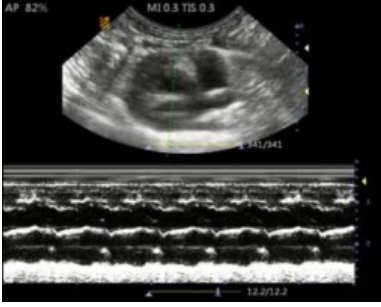
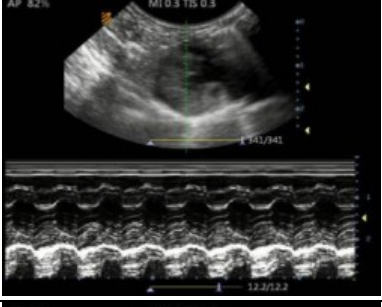
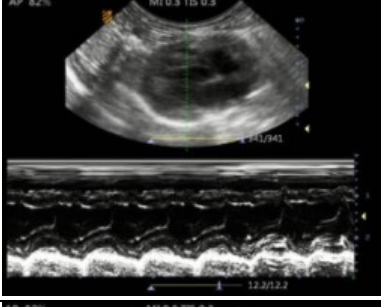
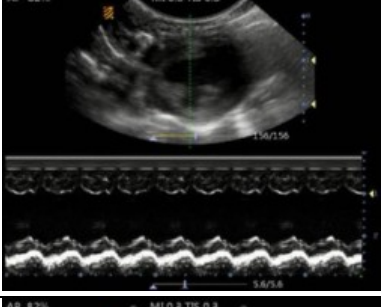
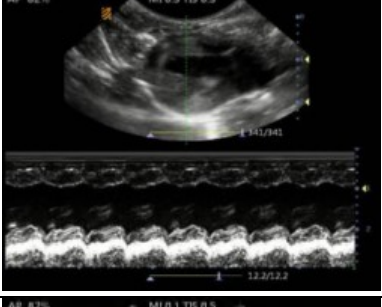
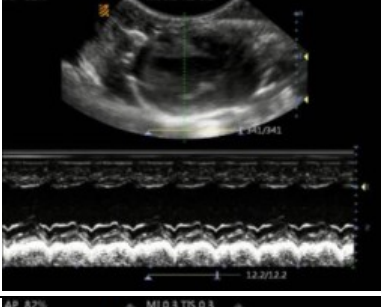
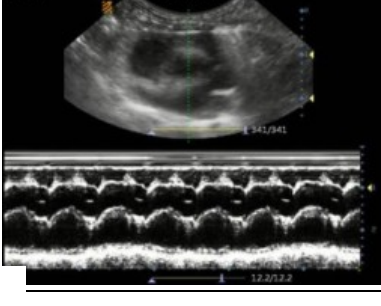
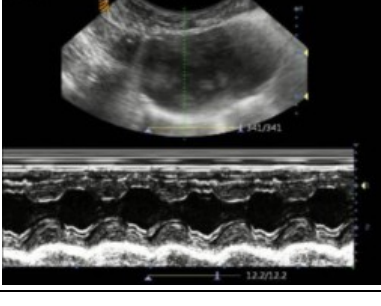
- Huruf a dan b digunakan untuk menggambarkan ada atau tidaknya perbedaan yang nyata antar kelompok pada masing-masing indicator berdasarkan variasi perlakuan, waktu, dan interaksi perlakuan waktu.
- Kode huruf yang sama menandakan bahwa nilainya tidak berbeda nyata. Sebaliknya, kode huruf yang berbeda menandakan bahwa nilainya mengalami perbedaan yang nyata.



Lampiran 2. Gambar hasil pengukuran ekokardiografi

Kelompok	Waktu		
	T1	T2	T3
KN-K2			
KN-K5			
KN-K7			
KP-K8			
KP-K9			



KP-K10			
RL-K6			
RL-K14			
RL-K16			
RLG-K1			



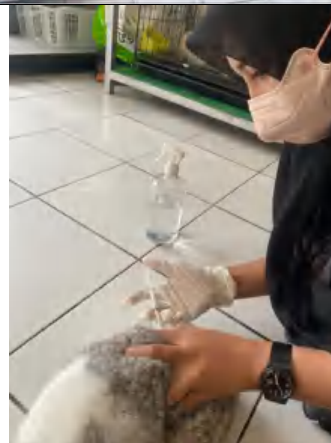


Lampiran 3. Dokumentasi kegiatan penelitian

Aklimatisasi Kelinci
Selama 14 Hari



Anastesi



Pemberian Perlakuan
Syok Hemoragik



Pemberian Resusitasi
Cairan



Pengambilan Sampel



Eutanasia



RIWAYAT HIDUP PENULIS



Penulis lahir dengan nama lengkap Annisa Fadilah Amaliah di Bantaeng pada tanggal 27 Desember 2001. Penulis merupakan anak kedua diantara tiga bersaudara dari pasangan Rudihartono, S.Pd, M.M dan Alm. Asni, S.Pd. Penulis memulai Pendidikan di SD Negeri 24 Macanang dan lulus pada tahun 2014. Setelah itu, penulis melanjutkan Pendidikan di SMP Negeri 1 Watampone dan lulus pada tahun 2016. Kemudian, penulis melanjutkan Pendidikan di SMA Negeri 13 Bone dan lulus pada tahun 2019. Pada tahun 2020, penulis melanjutkan Pendidikan di Program Studi Kedokteran Hewan, Fakultas Kedokteran Universitas Hasanuddin. Selama perkuliahan penulis juga mengikuti organisasi Himpunan Mahasiswa Kedokteran Hewan (HIMAKAHA) FK-UNHAS. Sekarang penulis menyusun skripsi dengan judul “Pengaruh Resusitasi Cairan Terhadap Kelinci (*Oryctolagus cuniculus*) yang Mengalami Syok Hemoragik dari Aspek Hemodinamika Melalui Gambaran Ekokardiografi.



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