

UJI SPSS

Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
pre1	.101	14	.200 [*]	.980	14	.974
post1	.190	14	.184	.887	14	.074
selisih1	.183	14	.200 [*]	.925	14	.263
pre2	.175	14	.200 [*]	.918	14	.207
post2	.119	14	.200 [*]	.978	14	.960
selisih2	.135	14	.200 [*]	.969	14	.864

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Independent Samples Test

	Levene's Test for Equality of Variances		t-test for Equality of Means							
	F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference		
								Lower	Upper	
Equal pretest variances assumed	.210	.651	.694	26	.494	.08571	.12353	-.16820	.33963	

Equal variances not assumed			.694	25.426	.494	.08571	.12353	-.16848	.33991
-----------------------------	--	--	------	--------	------	--------	--------	---------	--------

Uji Homogenitas

Uji Hipotesis I

Paired Samples Test

	Paired Differences	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
					Lower	Upper			
					Pair 1 pre1 - post1	-1.15000			

Uji Hipotesis II

Paired Samples Test

	Paired Differences	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
					Lower	Upper			
					Pair 1 pre2 - post2	-2.55714			

Uji Hipotesis III

Independent Samples Test

Levene's Test for Equality of Variances	t-test for Equality of Means
---	------------------------------

	F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
								Lower	Upper
selisih	5.368	.029	-	26	.000	-1.40714	.26070	-	-.87127
			5.398				1.94301		
			-	20.915	.000	-1.40714	.26070	-	-.86486
			5.398					1.94943	

Descriptives

		Statistic	Std. Error
pre1	Mean	3.5857	.09368
	95% Confidence Interval for Mean	Lower Bound Upper Bound	3.3833 3.7881
	5% Trimmed Mean	3.5841	
	Median	3.5500	
	Variance	.123	
	Std. Deviation	.35051	
	Minimum	3.00	
	Maximum	4.20	
	Range	1.20	
	Interquartile Range	.60	
	Skewness	.014	.597
	Kurtosis	-.747	1.154
	post1	Mean	4.7357
95% Confidence Interval for Mean		Lower Bound Upper Bound	4.3444 5.1271
5% Trimmed Mean		4.7119	
Median		4.7000	
Variance		.459	
Std. Deviation		.67779	
Minimum		4.00	
Maximum		5.90	
Range		1.90	
Interquartile Range		1.18	
Skewness		.434	.597
Kurtosis		-1.203	1.154
selisih1		Mean	1.1500
	95% Confidence Interval for Mean	Lower Bound Upper Bound	.8665 1.4335

	5% Trimmed Mean		1.1389	
	Median		1.1000	
	Variance		.241	
	Std. Deviation		.49107	
	Minimum		.40	
	Maximum		2.10	
	Range		1.70	
	Interquartile Range		.62	
	Skewness		.684	.597
	Kurtosis		-.228	1.154
pre2	Mean		3.5000	.08052
	95% Confidence Interval for Mean	Lower Bound	3.3260	
		Upper Bound	3.6740	
	5% Trimmed Mean		3.5056	
	Median		3.4500	
	Variance		.091	
	Std. Deviation		.30128	
	Minimum		3.00	
	Maximum		3.90	
	Range		.90	
	Interquartile Range		.55	
	Skewness		.079	.597
	Kurtosis		-1.313	1.154
post2	Mean		6.0571	.25521
	95% Confidence Interval for Mean	Lower Bound	5.5058	
		Upper Bound	6.6085	
	5% Trimmed Mean		6.0635	
	Median		6.1000	
	Variance		.912	
	Std. Deviation		.95492	
	Minimum		4.40	
	Maximum		7.60	

	Range		3.20	
	Interquartile Range		1.55	
	Skewness		-.060	.597
	Kurtosis		-.761	1.154
selisih2	Mean		2.5571	.22525
	95% Confidence Interval for	Lower Bound	2.0705	
	Mean	Upper Bound	3.0438	
	5% Trimmed Mean		2.5468	
	Median		2.5500	
	Variance		.710	
	Std. Deviation		.84281	
	Minimum		1.20	
	Maximum		4.10	
	Range		2.90	
	Interquartile Range		1.22	
	Skewness		.248	.597
	Kurtosis		-.579	1.154