

Test of Normality

Kelas		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Hasil	Pretest A (kontrol)	.109	22	.200*	.965	22	.591
	Posttest A (Kontrol	.166	22	.118	.955	22	.396
	Pretest B (Eksperimen)	.133	22	.200*	.945	22	.250
	Posttest B (Eksperimen)	.121	22	.200*	.948	22	.291

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene	df1	df2	Sig.
		Statistic			
Nilai	Based on Mean	1.038	1	42	.314
	Based on Median	1.037	1	42	.314
	Based on Median and with adjusted df	1.037	1	32.319	.316
	Based on trimmed mean	1.037	1	42	.314

Hasil Uji N-Gain

Descriptives

Kelas	Statistic	Std. Error
N_GainPersen Eksperimen	Mean	70.89
	95% Confidence Interval for Mean	Lower Bound
		Upper Bound
	5% Trimmed Mean	71.59
	Median	76.56
	Variance	389.240

		Std. Deviation		19.729	
		Minimum		29	
		Maximum		100	
		Range		71	
		Interquartile Range		31	
		Skewness		-.614	.491
		Kurtosis		-.488	.953
	Kontrol	Mean		39.67	3.892
		95% Confidence Interval for Mean	Lower Bound	31.58	
			Upper Bound	47.76	
		5% Trimmed Mean		39.76	
		Median		41.88	
		Variance		333.167	
		Std. Deviation		18.253	
		Minimum		0	
		Maximum		79	
		Range		79	
		Interquartile Range		21	
		Skewness		-.323	.491
		Kurtosis		.323	.953

Analisis Statistik Deskriptif

Statistics

		pretest eksperimen	posttest eksperimen	pretest kontrol	posttest kontrol
N	Valid	22	22	22	22
	Missing	66	66	66	66

Mean	67.77	85.55	67.55	77.55
Std. Error of Mean	1.350	.764	1.687	1.145
Median	68.50	85.50	68.50	77.50
Mode	70	85	70	79
Std. Deviation	6.332	3.582	7.915	5.369
Variance	40.089	12.831	62.641	28.831
Range	21	12	29	22
Minimum	56	80	55	67
Maximum	77	92	84	89
Sum	1491	1882	1486	1706

Uji T-Test Independent

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
Nilai Equal variances assumed	1.038	.314	-5.813	42	.000	-8.000	1.376	-10.777	-5.223
Equal variances not assumed			-5.813	36.602	.000	-8.000	1.376	-10.789	-5.211

Hasil Uji Validitas

No. Soal	Pearson Correlation	Nilai Sig.	Kesimpulan	Interpretasi
Soal_1	0,425	0,012	VALID	Cukup
Soal_2	0,850	0,000	VALID	Sangat Tinggi
Soal_3	0,524	0,003	VALID	Cukup
Soal_4	0,399	0,029	VALID	Rendah
Soal_5	0,461	0,010	VALID	Cukup
Soal_6	0,534	0,002	VALID	Cukup
Soal_7	0,461	0,010	VALID	Cukup
Soal_8	0,467	0,009	VALID	Cukup
Soal_9	0,495	0,005	VALID	Cukup
Soal_10	0,763	0,000	VALID	Tinggi
Soal_11	0,431	0,017	VALID	Cukup
Soal_12	0,463	0,010	VALID	Cukup
Soal_13	0,401	0,028	VALID	Cukup
Soal_14	0,840	0,000	VALID	Sangat Tinggi
Soal_15	0,388	0,034	VALID	Rendah
Soal_16	0,513	0,004	VALID	Cukup
Soal_17	0,729	0,000	VALID	Tinggi
Soal_18	0,514	0,004	VALID	Cukup
Soal_19	0,597	0,000	VALID	Cukup
Soal_20	0,461	0,010	VALID	Cukup
Soal_21	0,445	0,014	VALID	Cukup
Soal_22	0,513	0,004	VALID	Cukup
Soal_23	0,834	0,000	VALID	Sangat Tinggi
Soal_24	0,648	0,000	VALID	Tinggi
Soal_25	0,430	0,018	VALID	Cukup
Jika nilai sig <0,05 maka instrument soal tersebut dapat dikatakan VALID				

Reliability Statistics

Cronbach's Alpha	N of Items
.745	26