

Lampiran 17. Hasil Analisis Desain Faktorial

Univariate Analysis of Variance

Between-Subjects Factors

		Value Label	N
Kelas	1.00	Kelas eksperimen	31
	2.00	Kelas pembanding	31
Kemampuan Awal	1.00	Tinggi	23
	2.00	Sedang	20
	3.00	Rendah	19

Descriptive Statistics

Dependent Variable: Hasil Belajar

Kelas	Kemampuan Awal	Mean	Std. Deviation	N
Kelas eksperimen	Tinggi	89.2143	3.68320	14
	Sedang	79.6667	1.87083	9
	Rendah	69.3750	2.72226	8
	Total	81.3226	8.74600	31
Kelas pembanding	Tinggi	88.2222	2.99073	9
	Sedang	77.1818	2.22792	11
	Rendah	69.6364	3.82813	11
	Total	77.7097	8.12893	31
Total	Tinggi	88.8261	3.39320	23
	Sedang	78.3000	2.38636	20
	Rendah	69.5263	3.32279	19
	Total	79.5161	8.56937	62

Tests of Between-Subjects Effects

Dependent Variable: Hasil Belajar

Source	Type I Sum of Squares	df	Mean Square	F	Sig.
Model	395970.030 ^a	6	65995.005	7053.312	.000
Kls	392216.839	2	196108.419	20959.371	.000
KA	3735.051	2	1867.526	199.594	.000
Kls * KA	18.141	2	9.070	.969	.386
Error	523.970	56	9.357		
Total	396494.000	62			

a. R Squared = ,999 (Adjusted R Squared = ,999)

Estimated Marginal Means

1. Kelas

Dependent Variable: Hasil Belajar

Kelas	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Kelas eksperimen	79.419	.565	78.286	80.551
Kelas pembanding	78.347	.552	77.241	79.452

2. Kemampuan Awal

Dependent Variable: Hasil Belajar

Kemampuan Awal	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Tinggi	88.718	.653	87.409	90.027
Sedang	78.424	.687	77.047	79.801
Rendah	69.506	.711	68.082	70.929

3. Kemampuan Awal * Kelas

Dependent Variable: Hasil Belajar

Kemampuan Awal	Kelas	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Tinggi	Kelas eksperimen	89.214	.818	87.577	90.852
	Kelas pembandingan	88.222	1.020	86.180	90.265
Sedang	Kelas eksperimen	79.667	1.020	77.624	81.709
	Kelas pembandingan	77.182	.922	75.334	79.029
Rendah	Kelas eksperimen	69.375	1.081	67.209	71.541
	Kelas pembandingan	69.636	.922	67.789	71.484

Post Hoc Tests

Kemampuan Awal

Multiple Comparisons

Dependent Variable: Hasil Belajar

	(I)	(J)	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Tukey HSD	Tinggi	Sedang	10.5261 [*]	.93522	.000	8.2745	12.7777
		Rendah	19.2998 [*]	.94829	.000	17.0167	21.5828
	Sedang	Tinggi	-10.5261 [*]	.93522	.000	-12.7777	-8.2745
		Rendah	8.7737 [*]	.97994	.000	6.4144	11.1330
	Rendah	Tinggi	-19.2998 [*]	.94829	.000	-21.5828	-17.0167
		Sedang	-8.7737 [*]	.97994	.000	-11.1330	-6.4144
Bonferroni	Tinggi	Sedang	10.5261 [*]	.93522	.000	8.2179	12.8342
		Rendah	19.2998 [*]	.94829	.000	16.9594	21.6402
	Sedang	Tinggi	-10.5261 [*]	.93522	.000	-12.8342	-8.2179
		Rendah	8.7737 [*]	.97994	.000	6.3552	11.1922
	Rendah	Tinggi	-19.2998 [*]	.94829	.000	-21.6402	-16.9594
		Sedang	-8.7737 [*]	.97994	.000	-11.1922	-6.3552

Based on observed means.

The error term is Mean Square(Error) = 9,357.

*. The mean difference is significant at the ,05 level.

Homogeneous Subsets

Hasil Belajar					
	Kemampuan Awal	N	Subset		
			1	2	3
Tukey HSD ^{a,b,c}	Rendah	19	69.5263		
	Sedang	20		78.3000	
	Tinggi	23			88.8261
	Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 9,357.

a. Uses Harmonic Mean Sample Size = 20,532.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Profile Plots

Estimated Marginal Means of Hasil Belajar

