

# Statistical Analysis in the second study for students with effective participation

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Table 1: Two-way ANOVA and Scheirer-Ray-Hare in the second study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig	Df	Sum Sq	H	p.value	Sig
Attention.(Intercept)	0.045	1	0.030	0.863						
Attention.Type	1.701	1	1.127	0.294		1	425.506	1.933	0.164	
Attention.CLRole	0.090	1	0.060	0.808		1	4.153	0.019	0.891	
Attention.Type:CLRole	2.094	1	1.388	0.245		1	255.507	1.161	0.281	
Attention.Residuals	70.928	47				47	10321.834			
Relevance.(Intercept)	0.118	1	0.240	0.627						
Relevance.Type	0.055	1	0.111	0.740		1	104.914	0.477	0.490	
Relevance.CLRole	0.007	1	0.013	0.908		1	22.802	0.104	0.747	
Relevance.Type:CLRole	0.016	1	0.033	0.857		1	28.383	0.129	0.719	
Relevance.Residuals	23.041	47				47	10831.401			
Satisfaction.(Intercept)	0.613	1	0.478	0.493						
Satisfaction.Type	0.059	1	0.046	0.831		1	23.395	0.107	0.744	
Satisfaction.CLRole	0.078	1	0.061	0.807		1	36.149	0.165	0.685	
Satisfaction.Type:CLRole	1.298	1	1.012	0.320		1	205.662	0.939	0.332	
Satisfaction.Residuals	59.018	46				47	10682.794			
Level of Motivation.(Intercept)	0.236	1	0.338	0.564						
Level of Motivation.Type	0.330	1	0.472	0.495		1	171.295	0.776	0.378	
Level of Motivation.CLRole	0.107	1	0.153	0.697		1	2.231	0.010	0.920	
Level of Motivation.Type:CLRole	0.863	1	1.235	0.272		1	278.265	1.261	0.262	
Level of Motivation.Residuals	32.849	47				47	10584.709			

Signif. codes: 0 “\*\*\*” 0.01 “\*\*” 0.05

Table 2: Summary of Pair wilcoxon in the second study for students with effective participation
