

# Summary of parametric statistics analysis for Attention score in the second study for students with effective participation

Table 1: Summary of two-way ANOVA results for Attention score in the second study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	797.236	1	512.642	0.000	
Type.Type	2.112	1	1.358	0.250	
Type.CLRole	0.013	1	0.008	0.928	
Type.Type:CLRole	1.626	1	1.045	0.312	
Type.Residuals	73.092	47			

Signif. codes: 0 ‘\*\*\*’ 0.01 ‘\*\*’ 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Attention score in the second study for students with effective participation

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.adj	g	sig	mag
Type.non-gamified	30	3.890	3.935	0.236	47	3.460	4.411						
Type.ont-gamified	21	4.411	4.362	0.280	47	3.799	4.926						
Type.non-gamified - ont-gamified	51	-0.521	-0.427	0.366		-1.235	0.193	-1.165	0.250	0.149	-0.416		
Type.non-gamified.Apprentice	19	3.765	3.765	0.286	47	3.189	4.340						
Type.ont-gamified.Apprentice	13	4.566	4.566	0.346	47	3.871	5.262						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	32	-0.802	-0.802	0.449		-1.997	0.394	-1.786	0.080	0.293	-0.641		
Type.non-gamified.Master	11	4.106	4.106	0.376	47	3.350	4.862						
Type.ont-gamified.Master	8	4.158	4.158	0.441	47	3.271	5.045						
Type.non-gamified.Master - ont-gamified.Master	19	-0.052	-0.052	0.579		-1.596	1.491	-0.090	0.928	1.000	-0.039		