

Summary of parametric statistics analysis for Level of Motivation score in the second study for students with effective participation

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	940.880	1	735.491	0.000	
Type.Type	0.925	1	0.723	0.399	
Type.CLRole	0.051	1	0.040	0.843	
Type.Type:CLRole	1.138	1	0.889	0.350	
Type.Residuals	60.125	47			

Signif. codes: 0 ‘***’ 0.01 ‘**’ 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Level of Motivation 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	4.333	4.366	0.214	47	3.935	4.797						
Type.ont-gamified	21	4.694	4.649	0.254	47	4.137	5.160						
Type.non-gamified - ont-gamified	51	-0.361	-0.283	0.332		-1.008	0.287	-0.850	0.399	0.268	-0.318		
Type.non-gamified.Apprentice	19	4.242	4.242	0.259	47	3.720	4.764						
Type.ont-gamified.Apprentice	13	4.838	4.838	0.314	47	4.207	5.469						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	32	-0.596	-0.596	0.407		-1.680	0.488	-1.464	0.150	0.467	-0.520		
Type.non-gamified.Master	11	4.490	4.490	0.341	47	3.803	5.176						
Type.ont-gamified.Master	8	4.459	4.459	0.400	47	3.654	5.263						
Type.non-gamified.Master - ont-gamified.Master	19	0.031	0.031	0.526		-1.369	1.431	0.059	0.954	1.000	0.025		