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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	703.631	1	850.373	0.000	
Type.Type	0.000	1	0.000	0.984	
Type.CLRole	0.079	1	0.096	0.758	
Type.Type:CLRole	0.571	1	0.690	0.411	
Type.Residuals	32.270	39			

Signif. codes: 0 "**" 0.01 "*" 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Level of Motivation score in the third study for students with effective participation

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.ajd	g	sig	mag
Type.ont-gamified	24	4.260	4.302	0.192	39	3.914	4.690						
Type.w/o-gamified	19	4.336	4.308	0.224	39	3.854	4.762						
Type.ont-gamified - w/o-gamified	43	−0.076	−0.006	0.295		−0.641	0.489	−0.020	0.984	0.786	−0.084		
Type.ont-gamified.Apprentice	15	4.133	4.133	0.235	39	3.658	4.608						
Type.w/o-gamified.Apprentice	13	4.385	4.385	0.252	39	3.874	4.895						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	28	−0.251	−0.251	0.345		−1.176	0.674	−0.729	0.470	0.885	−0.250		
Type.ont-gamified.Master	9	4.470	4.470	0.303	39	3.857	5.083						
Type.w/o-gamified.Master	6	4.231	4.231	0.371	39	3.480	4.982						
Type.ont-gamified.Master - w/o-gamified.Master	15	0.239	0.239	0.479		−1.047	1.526	0.499	0.620	0.959	0.296		