Summary of parametric statistics analysis for Effort/Importance score in the first study for students with effective participation

Table 1: Summary of two-way ANOVA results for Effort/Importance score in the first study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	1450.796	1	1585.308	0.000	
Type.Type	3.117	1	3.406	0.072	
Type.CLRole	4.836	1	5.284	0.026	*
Type.Type:CLRole	2.415	1	2.639	0.111	
Type.Residuals	40.267	44			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for Effort/Importance score in the first 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.non-gamified	20	5.317	5.317	0.214	44	4.886	5.748						
Type.ont-gamified	28	5.834	5.834	0.181	44	5.470	6.199						
Type.non-gamified - ont-gamified	48	−0.517	−0.517	0.280		−1.081	0.048	−1.846	0.072	0.072	−0.505		
Type.non-gamified.Apprentice	10	5.867	5.867	0.303	44	5.257	6.476						
Type.ont-gamified.Apprentice	14	5.929	5.929	0.256	44	5.413	6.444						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	24	−0.062	−0.062	0.396		−1.119	0.996	−0.156	0.877	0.999	−0.067		
Type.non-gamified.Master	10	4.768	4.768	0.303	44	4.158	5.378						
Type.ont-gamified.Master	14	5.740	5.740	0.256	44	5.224	6.255						
Type.non-gamified.Master - ont-gamified.Master	24	−0.972	−0.972	0.396		−2.029	0.086	−2.454	0.018	0.082	−0.921		