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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	882.334	1	942.409	0.000	
Type.Type	2.391	1	2.554	0.118	
Type.CLRole	0.602	1	0.643	0.427	
Type.Type:CLRole	4.979	1	5.318	0.027	*
Type.Residuals	36.514	39			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for Relevance 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	4.949	5.071	0.204	39	4.659	5.484						
Type.w/o-gamified	19	4.657	4.570	0.239	39	4.087	5.052						
Type.ont-gamified - w/o-gamified	43	0.293	0.502	0.314		−0.308	0.894	1.598	0.118	0.330	0.281		
Type.ont-gamified.Apprentice	15	4.583	4.583	0.250	39	4.078	5.089						
Type.w/o-gamified.Apprentice	13	4.806	4.806	0.268	39	4.263	5.349						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	28	−0.222	−0.222	0.367		−1.206	0.762	−0.606	0.548	0.929	−0.207		
Type.ont-gamified.Master	9	5.559	5.559	0.323	39	4.907	6.212						
Type.w/o-gamified.Master	6	4.333	4.333	0.395	39	3.534	5.132						
Type.ont-gamified.Master - w/o-gamified.Master	15	1.226	1.226	0.510		−0.142	2.595	2.404	0.021	0.093	1.439		