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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	918.241	1	812.543	0.000	
Type.Type	6.408	1	5.670	0.022	*
Type.CLRole	2.073	1	1.834	0.183	
Type.Type:CLRole	0.098	1	0.087	0.770	
Type.Residuals	44.073	39			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for Effort/Importance 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	5.374	5.328	0.224	39	4.875	5.782						
Type.w/o-gamified	19	4.612	4.507	0.262	39	3.976	5.037						
Type.ont-gamified - w/o-gamified	43	0.762	0.822	0.345		0.102	1.423	2.381	0.022	0.025	0.705	*	medium
Type.ont-gamified.Apprentice	15	5.511	5.511	0.274	39	4.956	6.066						
Type.w/o-gamified.Apprentice	13	4.791	4.791	0.295	39	4.195	5.388						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	28	0.720	0.720	0.403		−0.361	1.801	1.787	0.082	0.295	0.682		
Type.ont-gamified.Master	9	5.146	5.146	0.354	39	4.429	5.862						
Type.w/o-gamified.Master	6	4.222	4.222	0.434	39	3.344	5.100						
Type.ont-gamified.Master - w/o-gamified.Master	15	0.923	0.923	0.560		−0.580	2.427	1.648	0.107	0.364	0.765		