

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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	538.876	1	615.747	0.000	
Type.Type	0.196	1	0.224	0.639	
Type.CLRole	0.616	1	0.703	0.407	
Type.Type:CLRole	3.215	1	3.674	0.063	
Type.Residuals	34.131	39			

Signif. codes: 0 “***” 0.01 “**” 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Interest/Enjoyment score in the third 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.ont-gamified	24	3.734	3.839	0.197	39	3.440	4.238						
Type.w/o-gamified	19	3.756	3.695	0.231	39	3.228	4.162						
Type.ont-gamified - w/o-gamified	43	-0.021	0.144	0.304		-0.602	0.560	0.473	0.639	0.942	-0.021		
Type.ont-gamified.Apprentice	15	3.421	3.421	0.242	39	2.932	3.909						
Type.w/o-gamified.Apprentice	13	3.859	3.859	0.259	39	3.334	4.384						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	28	-0.438	-0.438	0.354		-1.389	0.513	-1.236	0.224	0.608	-0.452		
Type.ont-gamified.Master	9	4.257	4.257	0.312	39	3.627	4.888						
Type.w/o-gamified.Master	6	3.532	3.532	0.382	39	2.759	4.304						
Type.ont-gamified.Master - w/o-gamified.Master	15	0.726	0.726	0.493		-0.597	2.049	1.472	0.149	0.464	0.738		