

Summary of parametric statistics analysis for Interest/Enjoyment score in the first study for signed-up students

Table 1: Summary of two-way ANOVA results for Interest/Enjoyment score in the first study for signed-up students

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	1327.822	1	950.633	0.000	
Type.Type	4.258	1	3.048	0.086	
Type.CLRole	0.099	1	0.071	0.791	
Type.Type:CLRole	2.088	1	1.495	0.227	
Type.Residuals	78.219	56			

Signif. codes: 0 “***” 0.01 “**” 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Interest/Enjoyment score in the first study for signed-up students

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.adj	g	sig	mag
Type.non-gamified	30	4.428	4.443	0.216	56	4.010	4.876						
Type.ont-gamified	30	4.976	4.976	0.216	56	4.544	5.408						
Type.non-gamified - ont-gamified	60	-0.549	-0.533	0.305		-1.160	0.063	-1.746	0.086	0.078	-0.460		
Type.non-gamified.Apprentice	14	4.670	4.670	0.316	56	4.038	5.303						
Type.ont-gamified.Apprentice	15	4.830	4.830	0.305	56	4.219	5.442						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	29	-0.160	-0.160	0.439		-1.323	1.003	-0.364	0.717	0.983	-0.123		
Type.non-gamified.Master	16	4.215	4.215	0.295	56	3.623	4.807						
Type.ont-gamified.Master	15	5.122	5.122	0.305	56	4.511	5.734						
Type.non-gamified.Master - ont-gamified.Master	31	-0.907	-0.907	0.425		-2.032	0.218	-2.135	0.037	0.155	-0.799		