Summary of parametric statistics analysis for Perceived Choice score in the first study for students with effective participation

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	1278.228	1	936.834	0.000	
Type.Type	5.835	1	4.277	0.045	*
Type.CLRole	0.009	1	0.006	0.937	
Type.Type:CLRole	0.009	1	0.006	0.937	
Type.Residuals	60.034	44			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for Perceived Choice 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	4.880	4.880	0.261	44	4.354	5.406						
Type.ont-gamified	28	5.587	5.587	0.221	44	5.142	6.032						
Type.non-gamified - ont-gamified	48	−0.707	−0.707	0.342		−1.396	−0.018	−2.068	0.045	0.045	−0.609	*	medium
Type.non-gamified.Apprentice	10	4.880	4.880	0.369	44	4.136	5.624						
Type.ont-gamified.Apprentice	14	5.560	5.560	0.312	44	4.931	6.189						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	24	−0.680	−0.680	0.484		−1.971	0.611	−1.406	0.167	0.502	−0.521		
Type.non-gamified.Master	10	4.880	4.880	0.369	44	4.136	5.624						
Type.ont-gamified.Master	14	5.614	5.614	0.312	44	4.985	6.243						
Type.non-gamified.Master - ont-gamified.Master	24	−0.734	−0.734	0.484		−2.026	0.557	−1.518	0.136	0.436	−0.664		