

Summary of parametric statistics analysis for Perceived Choice score in the first study for signed-up students

Table 1: Summary of two-way ANOVA results for Perceived Choice score in the first study for signed-up students

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	1583.013	1	1096.130	0.000	
Type.Type	14.917	1	10.329	0.002	**
Type.CLRole	0.280	1	0.194	0.661	
Type.Type:CLRole	0.001	1	0.000	0.984	
Type.Residuals	80.874	56			

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 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	4.648	4.643	0.220	56	4.203	5.084						
Type.ont-gamified	30	5.641	5.641	0.219	56	5.202	6.081						
Type.non-gamified - ont-gamified	60	-0.994	-0.998	0.311		-1.615	-0.372	-3.214	0.002	0.002	-0.829	**	large
Type.non-gamified.Apprentice	14	4.571	4.571	0.321	56	3.928	5.215						
Type.ont-gamified.Apprentice	15	5.576	5.576	0.310	56	4.955	6.198						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	29	-1.005	-1.005	0.447		-2.187	0.178	-2.250	0.028	0.123	-0.793		
Type.non-gamified.Master	16	4.715	4.715	0.300	56	4.113	5.317						
Type.ont-gamified.Master	15	5.707	5.707	0.310	56	5.085	6.328						
Type.non-gamified.Master - ont-gamified.Master	31	-0.992	-0.992	0.432		-2.136	0.152	-2.297	0.025	0.111	-0.824		