Summary of parametric statistics analysis for Intrinsic Motivation score in the first study for signed-up students

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	1716.406	1	3547.560	0.000	
Type.Type	4.319	1	8.927	0.004	**
Type.CLRole	0.000	1	0.001	0.979	
Type.Type:CLRole	0.006	1	0.013	0.911	
Type.Residuals	27.094	56			

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

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

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.ajd	g	sig	mag
Type.non-gamified	30	5.085	5.086	0.127	56	4.831	5.341						
Type.ont-gamified	30	5.623	5.623	0.127	56	5.369	5.877						
Type.non-gamified - ont-gamified	60	−0.538	−0.537	0.180		−0.898	−0.178	−2.988	0.004	0.004	−0.777	**	medium
Type.non-gamified.Apprentice	14	5.098	5.098	0.186	56	4.726	5.471						
Type.ont-gamified.Apprentice	15	5.615	5.615	0.180	56	5.256	5.975						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	29	−0.517	−0.517	0.258		−1.202	0.167	−2.000	0.050	0.200	−0.644		
Type.non-gamified.Master	16	5.074	5.074	0.174	56	4.725	5.422						
Type.ont-gamified.Master	15	5.631	5.631	0.180	56	5.271	5.991						
Type.non-gamified.Master - ont-gamified.Master	31	−0.557	−0.557	0.250		−1.219	0.105	−2.229	0.030	0.128	−0.896		