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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	357.956	1	472.048	0.000	
Type.Type	3.843	1	5.067	0.033	*
Type.CLRole	0.065	1	0.086	0.772	
Type.Type:CLRole	0.289	1	0.381	0.542	
Type.Residuals	19.716	26			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for Intrinsic Motivation score in the pilot 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	14	4.108	4.059	0.333	26	3.376	4.743						
Type.ont-gamified	16	4.903	4.998	0.251	26	4.481	5.514						
Type.non-gamified - ont-gamified	30	−0.795	−0.938	0.417		−1.450	−0.140	−2.251	0.033	0.019	−0.911	*	large
Type.non-gamified.Apprentice	12	4.127	4.127	0.251	26	3.610	4.644						
Type.ont-gamified.Apprentice	12	4.808	4.808	0.251	26	4.291	5.325						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	24	−0.681	−0.681	0.356		−1.656	0.294	−1.916	0.066	0.246	−0.741		
Type.non-gamified.Master	2	3.992	3.992	0.616	26	2.726	5.257						
Type.ont-gamified.Master	4	5.188	5.188	0.435	26	4.293	6.082						
Type.non-gamified.Master - ont-gamified.Master	6	−1.196	−1.196	0.754		−3.265	0.873	−1.586	0.125	0.404	−1.236		