Summary of parametric statistics analysis for Intrinsic Motivation score in the first study for students with effective participation

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	1359.102	1	2860.746	0.000	
Type.Type	2.288	1	4.816	0.034	*
Type.CLRole	0.238	1	0.501	0.483	
Type.Type:CLRole	0.075	1	0.157	0.694	
Type.Residuals	20.904	44			

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 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	5.175	5.175	0.154	44	4.865	5.486						
Type.ont-gamified	28	5.618	5.618	0.130	44	5.356	5.881						
Type.non-gamified - ont-gamified	48	−0.443	−0.443	0.202		−0.850	−0.036	−2.195	0.034	0.034	−0.642	*	medium
Type.non-gamified.Apprentice	10	5.287	5.287	0.218	44	4.847	5.726						
Type.ont-gamified.Apprentice	14	5.649	5.649	0.184	44	5.278	6.021						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	24	−0.363	−0.363	0.285		−1.125	0.399	−1.271	0.210	0.586	−0.440		
Type.non-gamified.Master	10	5.064	5.064	0.218	44	4.624	5.503						
Type.ont-gamified.Master	14	5.587	5.587	0.184	44	5.215	5.958						
Type.non-gamified.Master - ont-gamified.Master	24	−0.523	−0.523	0.285		−1.285	0.239	−1.832	0.074	0.272	−0.896		