

Summary of parametric statistics analysis for Satisfaction score in the second study for students with effective participation

Table 1: Summary of two-way ANOVA results for Satisfaction score in the second study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	903.152	1	631.374	0.000	
Type.Type	0.027	1	0.019	0.891	
Type.CLRole	0.147	1	0.103	0.750	
Type.Type:CLRole	0.941	1	0.658	0.421	
Type.Residuals	65.801	46			

Signif. codes: 0 ‘***’ 0.01 ‘**’ 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Satisfaction score in the second study for students with effective participation

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.adj	g	sig	mag
Type.non-gamified	29	4.438	4.459	0.229	46	3.998	4.920						
Type.ont-gamified	21	4.458	4.410	0.269	46	3.869	4.951						
Type.non-gamified - ont-gamified	50	-0.020	0.049	0.353		-0.710	0.670	0.138	0.891	0.954	-0.017		
Type.non-gamified.Apprentice	18	4.372	4.372	0.282	46	3.805	4.940						
Type.ont-gamified.Apprentice	13	4.610	4.610	0.332	46	3.942	5.278						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	31	-0.238	-0.238	0.435		-1.398	0.923	-0.546	0.588	0.947	-0.195		
Type.non-gamified.Master	11	4.545	4.545	0.361	46	3.820	5.271						
Type.ont-gamified.Master	8	4.211	4.211	0.423	46	3.359	5.062						
Type.non-gamified.Master - ont-gamified.Master	19	0.335	0.335	0.556		-1.146	1.816	0.603	0.550	0.931	0.263		