

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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	768.694	1	374.007	0.000	
Type.Type	0.003	1	0.002	0.969	
Type.CLRole	1.521	1	0.740	0.395	
Type.Type:CLRole	0.092	1	0.045	0.834	
Type.Residuals	80.156	39			

Signif. codes: 0 “***” 0.01 “**” 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Satisfaction score in the third 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.ont-gamified	24	4.571	4.509	0.302	39	3.897	5.120						
Type.w/o-gamified	19	4.546	4.490	0.354	39	3.774	5.206						
Type.ont-gamified - w/o-gamified	43	0.025	0.018	0.465		-0.865	0.916	0.040	0.969	0.955	0.018		
Type.ont-gamified.Apprentice	15	4.758	4.758	0.370	39	4.009	5.507						
Type.w/o-gamified.Apprentice	13	4.641	4.641	0.398	39	3.837	5.445						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	28	0.117	0.117	0.543		-1.341	1.575	0.215	0.831	0.996	0.076		
Type.ont-gamified.Master	9	4.259	4.259	0.478	39	3.293	5.226						
Type.w/o-gamified.Master	6	4.339	4.339	0.585	39	3.155	5.523						
Type.ont-gamified.Master - w/o-gamified.Master	15	-0.080	-0.080	0.756		-2.107	1.948	-0.106	0.916	1.000	-0.057		