

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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	754.063	1	447.395	0.000	
Type.Type	4.574	1	2.714	0.108	
Type.CLRole	0.245	1	0.145	0.705	
Type.Type:CLRole	3.285	1	1.949	0.171	
Type.Residuals	65.733	39			

Signif. codes: 0 ‘***’ 0.01 ‘**’ 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Perceived Choice score in the third 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.ont-gamified	24	4.710	4.803	0.274	39	4.250	5.357						
Type.w/o-gamified	19	4.188	4.109	0.320	39	3.461	4.757						
Type.ont-gamified - w/o-gamified	43	0.522	0.694	0.421		-0.285	1.328	1.647	0.108	0.198	0.393		
Type.ont-gamified.Apprentice	15	4.429	4.429	0.335	39	3.751	5.107						
Type.w/o-gamified.Apprentice	13	4.323	4.323	0.360	39	3.595	5.051						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	28	0.106	0.106	0.492		-1.214	1.426	0.215	0.831	0.996	0.075		
Type.ont-gamified.Master	9	5.178	5.178	0.433	39	4.302	6.053						
Type.w/o-gamified.Master	6	3.895	3.895	0.530	39	2.823	4.967						
Type.ont-gamified.Master - w/o-gamified.Master	15	1.282	1.282	0.684		-0.554	3.118	1.874	0.068	0.256	1.080		