

Summary of parametric statistics analysis for the latent trait estimates of Perceived Choice in the first study for students with effective participation

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Table 1: Summary of two-way ANOVA results for the latent trait estimates of Perceived Choice in the first study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.076	1	0.093	0.762	
Type.Type	2.243	1	2.721	0.106	
Type.CLRole	0.014	1	0.017	0.898	
Type.Type:CLRole	0.035	1	0.043	0.837	
Type.Residuals	36.279	44			

Signif. codes: 0 ‘***’ 0.01 ‘**’ 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Perceived Choice in the first 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	20	-0.179	-0.179	0.203	44	-0.588	0.230						
Type.ont-gamified	28	0.260	0.260	0.172	44	-0.086	0.606						
Type.non-gamified - ont-gamified	48	-0.439	-0.439	0.266		-0.974	0.097	-1.650	0.106	0.106	-0.485		
Type.non-gamified.Apprentice	10	-0.168	-0.168	0.287	44	-0.747	0.410						
Type.ont-gamified.Apprentice	14	0.215	0.215	0.243	44	-0.274	0.704						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	24	-0.383	-0.383	0.376		-1.387	0.620	-1.020	0.313	0.739	-0.375		
Type.non-gamified.Master	10	-0.189	-0.189	0.287	44	-0.768	0.390						
Type.ont-gamified.Master	14	0.304	0.304	0.243	44	-0.185	0.794						
Type.non-gamified.Master - ont-gamified.Master	24	-0.494	-0.494	0.376		-1.497	0.510	-1.313	0.196	0.560	-0.579		