

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.004	1	0.008	0.929	
Type.Type	1.804	1	3.419	0.082	
Type.CLRole	0.367	1	0.696	0.416	
Type.Type:CLRole	1.976	1	3.745	0.070	
Type.Residuals	8.968	17			

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 pilot 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	7	-0.106	-0.327	0.304	17	-0.968	0.314						
Type.ont-gamified	14	0.273	0.361	0.215	17	-0.092	0.814						
Type.non-gamified - ont-gamified	21	-0.379	-0.688	0.372		-1.089	0.330	-1.849	0.082	0.275	-0.480		
Type.non-gamified.Apprentice	5	0.188	0.188	0.325	17	-0.497	0.873						
Type.ont-gamified.Apprentice	10	0.156	0.156	0.230	17	-0.329	0.641						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	15	0.032	0.032	0.398		-1.099	1.163	0.081	0.937	1.000	0.040		
Type.non-gamified.Master	2	-0.842	-0.842	0.514	17	-1.926	0.241						
Type.ont-gamified.Master	4	0.566	0.566	0.363	17	-0.200	1.332						
Type.non-gamified.Master - ont-gamified.Master	6	-1.408	-1.408	0.629		-3.196	0.380	-2.239	0.039	0.153	-1.767		