Summary of parametric statistics analysis for the latent trait estimates of Interest/Enjoyment 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 Interest/Enjoyment in the first study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.001	1	0.001	0.972	
Type.Type	0.646	1	0.662	0.420	
Type.CLRole	0.047	1	0.048	0.827	
Type.Type:CLRole	2.293	1	2.353	0.133	
Type.Residuals	40.933	42			

Signif. codes: 0 "**" 0.01 "*" 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Interest/Enjoyment in the first 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.non-gamified	19	−0.112	−0.126	0.227	42	−0.583	0.332						
Type.ont-gamified	27	0.122	0.115	0.190	42	−0.268	0.499						
Type.non-gamified - ont-gamified	46	−0.234	−0.241	0.296		−0.831	0.362	−0.814	0.420	0.432	−0.232		
Type.non-gamified.Apprentice	10	0.134	0.134	0.312	42	−0.496	0.764						
Type.ont-gamified.Apprentice	13	−0.079	−0.079	0.274	42	−0.632	0.473						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	23	0.213	0.213	0.415		−0.898	1.324	0.513	0.611	0.955	0.200		
Type.non-gamified.Master	9	−0.385	−0.385	0.329	42	−1.049	0.279						
Type.ont-gamified.Master	14	0.310	0.310	0.264	42	−0.223	0.842						
Type.non-gamified.Master - ont-gamified.Master	23	−0.695	−0.695	0.422		−1.823	0.433	−1.647	0.107	0.364	−0.710		