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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.030	1	0.033	0.856	
Type.Type	2.842	1	3.121	0.084	
Type.CLRole	4.911	1	5.393	0.025	*
Type.Type:CLRole	1.527	1	1.677	0.202	
Type.Residuals	40.063	44			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Effort/Importance 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	20	−0.221	−0.221	0.213	44	−0.651	0.209						
Type.ont-gamified	28	0.272	0.272	0.180	44	−0.091	0.636						
Type.non-gamified - ont-gamified	48	−0.494	−0.494	0.279		−1.057	0.070	−1.767	0.084	0.084	−0.487		
Type.non-gamified.Apprentice	10	0.284	0.284	0.302	44	−0.324	0.892						
Type.ont-gamified.Apprentice	14	0.416	0.416	0.255	44	−0.098	0.930						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	24	−0.132	−0.132	0.395		−1.187	0.923	−0.334	0.740	0.987	−0.125		
Type.non-gamified.Master	10	−0.727	−0.727	0.302	44	−1.335	−0.118						
Type.ont-gamified.Master	14	0.129	0.129	0.255	44	−0.385	0.643						
Type.non-gamified.Master - ont-gamified.Master	24	−0.855	−0.855	0.395		−1.910	0.200	−2.165	0.036	0.149	−0.928		