Summary of parametric statistics analysis for the latent trait estimates of Effort/Importance in the third study for signed up students

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Table 1: Summary of two-way ANOVA results for the latent trait estimates of Effort/Importance in the third study for signed up students

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.331	1	0.328	0.570	
Type.Type	7.319	1	7.258	0.010	**
Type.CLRole	1.290	1	1.279	0.264	
Type.Type:CLRole	0.022	1	0.022	0.883	
Type.Residuals	47.391	47			

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 third study for signed up students

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.ajd	g	sig	mag
Type.ont-gamified	24	0.365	0.318	0.212	47	−0.108	0.743						
Type.w/o-gamified	27	−0.429	−0.489	0.212	47	−0.915	−0.063						
Type.ont-gamified - w/o-gamified	51	0.794	0.806	0.299		0.228	1.361	2.694	0.010	0.007	0.785	**	medium
Type.ont-gamified.Apprentice	15	0.509	0.509	0.259	47	−0.013	1.031						
Type.w/o-gamified.Apprentice	19	−0.342	−0.342	0.230	47	−0.805	0.122						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	34	0.851	0.851	0.347		−0.073	1.775	2.453	0.018	0.081	0.835		
Type.ont-gamified.Master	9	0.126	0.126	0.335	47	−0.547	0.799						
Type.w/o-gamified.Master	8	−0.636	−0.636	0.355	47	−1.350	0.078						
Type.ont-gamified.Master - w/o-gamified.Master	17	0.762	0.762	0.488		−0.538	2.062	1.562	0.125	0.410	0.707		