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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.222	1	0.505	0.481	
Type.Type	1.559	1	3.541	0.066	
Type.CLRole	1.299	1	2.950	0.092	
Type.Type:CLRole	0.791	1	1.797	0.187	
Type.Residuals	20.698	47			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Relevance 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	0.181	0.256	0.140	47	−0.025	0.538						
Type.w/o-gamified	27	−0.131	−0.116	0.140	47	−0.397	0.165						
Type.ont-gamified - w/o-gamified	51	0.312	0.372	0.198		−0.063	0.686	1.882	0.066	0.101	0.450		
Type.ont-gamified.Apprentice	15	−0.046	−0.046	0.171	47	−0.391	0.299						
Type.w/o-gamified.Apprentice	19	−0.153	−0.153	0.152	47	−0.459	0.153						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	34	0.107	0.107	0.229		−0.503	0.718	0.467	0.643	0.966	0.150		
Type.ont-gamified.Master	9	0.559	0.559	0.221	47	0.114	1.004						
Type.w/o-gamified.Master	8	−0.079	−0.079	0.235	47	−0.551	0.393						
Type.ont-gamified.Master - w/o-gamified.Master	17	0.637	0.637	0.322		−0.221	1.496	1.977	0.054	0.211	1.039		