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

September 30, 2018

Table 1: Summary of two-way ANOVA results for the latent trait estimates of Effort/Importance in the pilot study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.286	1	0.706	0.412	
Type.Type	0.306	1	0.756	0.397	
Type.CLRole	0.040	1	0.098	0.758	
Type.Type:CLRole	0.227	1	0.560	0.464	
Type.Residuals	6.876	17			

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 pilot 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	7	0.248	0.279	0.266	17	−0.283	0.840						
Type.ont-gamified	14	0.069	−0.005	0.188	17	−0.402	0.392						
Type.non-gamified - ont-gamified	21	0.179	0.283	0.326		−0.442	0.800	0.870	0.397	0.552	0.278		
Type.non-gamified.Apprentice	5	0.208	0.208	0.284	17	−0.392	0.808						
Type.ont-gamified.Apprentice	10	0.168	0.168	0.201	17	−0.256	0.593						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	15	0.039	0.039	0.348		−0.951	1.030	0.113	0.911	0.999	0.063		
Type.non-gamified.Master	2	0.349	0.349	0.450	17	−0.599	1.298						
Type.ont-gamified.Master	4	−0.178	−0.178	0.318	17	−0.849	0.493						
Type.non-gamified.Master - ont-gamified.Master	6	0.527	0.527	0.551		−1.038	2.093	0.957	0.352	0.775	0.545		