

Summary of parametric statistics analysis for the latent trait estimates of
Interest/Enjoyment in the pilot study for signed up students

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Table 1: Summary of two-way ANOVA results for the latent trait estimates of Interest/Enjoyment in the pilot study for signed up students

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.483	1	0.208	0.652	
Type.Type	8.107	1	3.495	0.073	
Type.CLRole	1.879	1	0.810	0.376	
Type.Type:CLRole	0.599	1	0.258	0.616	
Type.Residuals	60.314	26			

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 pilot study for signed up students

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.adj	g	sig	mag
Type.non-gamified	14	-0.617	-0.515	0.582	26	-1.711	0.680						
Type.ont-gamified	16	0.591	0.848	0.440	26	-0.056	1.752						
Type.non-gamified - ont-gamified	30	-1.208	-1.363	0.729		-2.354	-0.063	-1.869	0.073	0.039	-0.780	*	medium
Type.non-gamified.Apprentice	12	-0.658	-0.658	0.440	26	-1.562	0.246						
Type.ont-gamified.Apprentice	12	0.335	0.335	0.440	26	-0.569	1.238						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	24	-0.993	-0.993	0.622		-2.698	0.713	-1.596	0.123	0.398	-0.612		
Type.non-gamified.Master	2	-0.372	-0.372	1.077	26	-2.586	1.841						
Type.ont-gamified.Master	4	1.361	1.361	0.762	26	-0.204	2.927						
Type.non-gamified.Master - ont-gamified.Master	6	-1.734	-1.734	1.319		-5.352	1.885	-1.314	0.200	0.562	-1.100		