1 Summaries of Parametric Statistics Analysis for the latent trait estimates of Interest/Enjoyment in the pilot study

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

	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

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.ajd	g	sig	m
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	*	med
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		

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