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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.836	1	0.610	0.439	
Type.Type	2.149	1	1.568	0.217	
Type.CLRole	2.230	1	1.627	0.208	
Type.Type:CLRole	2.804	1	2.046	0.159	
Type.Residuals	64.426	47			

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 third empirical study

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.ajd	g	sig	mag
Type.ont-gamified	24	0.237	0.355	0.247	47	−0.142	0.851						
Type.w/o-gamified	27	−0.071	−0.082	0.247	47	−0.579	0.414						
Type.ont-gamified - w/o-gamified	51	0.308	0.437	0.349		−0.353	0.969	1.252	0.217	0.353	0.255		
Type.ont-gamified.Apprentice	15	−0.117	−0.117	0.302	47	−0.725	0.491						
Type.w/o-gamified.Apprentice	19	−0.055	−0.055	0.269	47	−0.596	0.485						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	34	−0.062	−0.062	0.404		−1.139	1.015	−0.154	0.879	0.999	−0.049		
Type.ont-gamified.Master	9	0.827	0.827	0.390	47	0.042	1.612						
Type.w/o-gamified.Master	8	−0.109	−0.109	0.414	47	−0.942	0.724						
Type.ont-gamified.Master - w/o-gamified.Master	17	0.936	0.936	0.569		−0.579	2.451	1.645	0.107	0.364	0.862		

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