1 Summaries of Parametric Statistics Analysis for the latent trait estimates of Attention in the second empirical study

Table 1: Summary of two-way ANOVA results for the latent trait estimates of Attention in the second empirical study

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.028	1	0.018	0.893	
Type.Type	1.605	1	1.031	0.314	
Type.CLRole	0.006	1	0.004	0.951	
Type.Type:CLRole	2.002	1	1.286	0.262	
Type.Residuals	84.055	54			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Attention in the second empirical study

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.ajd	g	sig	mag
Type.non-gamified	34	−0.278	−0.204	0.229	54	−0.662	0.255						
Type.ont-gamified	24	0.219	0.156	0.270	54	−0.386	0.697						
Type.non-gamified - ont-gamified	58	−0.497	−0.359	0.354		−1.164	0.170	−1.015	0.314	0.141	−0.396		
Type.non-gamified..Apprentice	23	−0.415	−0.415	0.260	54	−0.937	0.106						
Type.ont-gamified.Apprentice	16	0.346	0.346	0.312	54	−0.280	0.971						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	39	−0.761	−0.761	0.406		−1.837	0.316	−1.873	0.066	0.252	−0.601		
Type.non-gamified.Master	11	0.008	0.008	0.376	54	−0.746	0.762						
Type.ont-gamified.Master	8	−0.034	−0.034	0.441	54	−0.918	0.850						
Type.non-gamified.Master - ont-gamified.Master	19	0.042	0.042	0.580		−1.495	1.579	0.072	0.943	1.000	0.032		

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