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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.032	1	0.022	0.882	
Type.Type	0.028	1	0.020	0.889	
Type.CLRole	0.365	1	0.254	0.617	
Type.Type:CLRole	0.246	1	0.171	0.681	
Type.Residuals	67.644	47			

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 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	−0.039	0.002	0.253	47	−0.507	0.511						
Type.w/o-gamified	27	0.045	0.052	0.253	47	−0.457	0.560						
Type.ont-gamified - w/o-gamified	51	−0.085	−0.050	0.358		−0.762	0.592	−0.140	0.889	0.803	−0.071		
Type.ont-gamified.Apprentice	15	−0.162	−0.162	0.310	47	−0.786	0.461						
Type.w/o-gamified.Apprentice	19	0.036	0.036	0.275	47	−0.518	0.589						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	34	−0.198	−0.198	0.414		−1.302	0.906	−0.478	0.635	0.964	−0.147		
Type.ont-gamified.Master	9	0.166	0.166	0.400	47	−0.639	0.970						
Type.w/o-gamified.Master	8	0.068	0.068	0.424	47	−0.785	0.921						
Type.ont-gamified.Master - w/o-gamified.Master	17	0.098	0.098	0.583		−1.455	1.650	0.168	0.867	0.998	0.104		

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