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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.003	1	0.005	0.947	
Type.Type	0.261	1	0.345	0.559	
Type.CLRole	0.011	1	0.015	0.903	
Type.Type:CLRole	0.770	1	1.022	0.317	
Type.Residuals	40.727	54			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Level of Motivation 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	−0.113	−0.064	0.159	54	−0.383	0.255						
Type.ont-gamified	24	0.117	0.081	0.188	54	−0.296	0.458						
Type.non-gamified - ont-gamified	58	−0.231	−0.145	0.246		−0.695	0.234	−0.588	0.559	0.324	−0.264		
Type.non-gamified.Apprentice	23	−0.204	−0.204	0.181	54	−0.567	0.159						
Type.ont-gamified.Apprentice	16	0.190	0.190	0.217	54	−0.245	0.625						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	39	−0.394	−0.394	0.283		−1.143	0.356	−1.393	0.169	0.509	−0.451		
Type.non-gamified.Master	11	0.075	0.075	0.262	54	−0.450	0.600						
Type.ont-gamified.Master	8	−0.029	−0.029	0.307	54	−0.644	0.587						
Type.non-gamified.Master - ont-gamified.Master	19	0.104	0.104	0.404		−0.966	1.174	0.258	0.797	0.994	0.111		

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