

1 Summaries of Parametric Statistics Analysis for the latent trait estimates of Pressure/Tension in the pilot study

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.017	1	0.036	0.850	
Type.Type	1.125	1	2.472	0.128	
Type.CLRole	0.027	1	0.060	0.809	
Type.Type:CLRole	0.012	1	0.026	0.874	
Type.Residuals	11.838	26			

Signif. codes: 0 ‘***’ 0.01 ‘**’ 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Pressure/Tension in the pilot study

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.adj	g	sig	mag
Type.non-gamified	14	0.238	0.285	0.258	26	-0.245	0.814						
Type.ont-gamified	16	-0.230	-0.223	0.195	26	-0.624	0.177						
Type.non-gamified - ont-gamified	30	0.468	0.508	0.323		-0.040	0.976	1.572	0.128	0.069	0.699		
Type.non-gamified.Apprentice	12	0.219	0.219	0.195	26	-0.181	0.620						
Type.ont-gamified.Apprentice	12	-0.237	-0.237	0.195	26	-0.637	0.164						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	24	0.456	0.456	0.275		-0.300	1.212	1.656	0.110	0.366	0.624		
Type.non-gamified.Master	2	0.350	0.350	0.477	26	-0.631	1.331						
Type.ont-gamified.Master	4	-0.210	-0.210	0.337	26	-0.903	0.484						
Type.non-gamified.Master - ont-gamified.Master	6	0.560	0.560	0.584		-1.044	2.163	0.958	0.347	0.774	0.950		

Signif. codes: 0 ‘***’ 0.01 ‘*’ 0.05