

Summary of parametric statistics analysis for Pressure/Tension score in the first study for signed-up students

Table 1: Summary of two-way ANOVA results for Pressure/Tension score in the first study for signed-up students

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	149.507	1	521.300	0.000	
Type.Type	1.071	1	3.736	0.058	
Type.CLRole	0.001	1	0.002	0.964	
Type.Type:CLRole	1.096	1	3.821	0.056	
Type.Residuals	16.061	56			

Signif. codes: 0 “***” 0.01 “**” 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Pressure/Tension score in the first study for signed-up students

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.adj	g	sig	mag
Type.non-gamified	30	1.705	1.714	0.098	56	1.518	1.910						
Type.ont-gamified	30	1.447	1.447	0.098	56	1.251	1.642						
Type.non-gamified - ont-gamified	60	0.258	0.268	0.138		-0.019	0.535	1.933	0.058	0.067	0.469		
Type.non-gamified.Apprentice	14	1.852	1.852	0.143	56	1.566	2.139						
Type.ont-gamified.Apprentice	15	1.314	1.314	0.138	56	1.037	1.591						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	29	0.538	0.538	0.199		0.011	1.065	2.704	0.009	0.044	0.960	*	large
Type.non-gamified.Master	16	1.576	1.576	0.134	56	1.307	1.844						
Type.ont-gamified.Master	15	1.579	1.579	0.138	56	1.302	1.856						
Type.non-gamified.Master - ont-gamified.Master	31	-0.003	-0.003	0.192		-0.513	0.507	-0.016	0.988	1.000	-0.006		