

# Summary of parametric statistics analysis for Pressure/Tension score in the first study for students with effective participation

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	102.718	1	402.928	0.000	
Type.Type	0.701	1	2.752	0.105	
Type.CLRole	0.066	1	0.258	0.614	
Type.Type:CLRole	1.940	1	7.609	0.009	**
Type.Residuals	10.197	40			

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 students with effective participation

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.adj	g	sig	mag
Type.non-gamified	19	1.681	1.672	0.116	40	1.437	1.906						
Type.ont-gamified	25	1.427	1.416	0.101	40	1.212	1.621						
Type.non-gamified - ont-gamified	44	0.254	0.255	0.154		-0.056	0.565	1.659	0.105	0.106	0.461		
Type.non-gamified.Apprentice	10	1.845	1.845	0.160	40	1.522	2.167						
Type.ont-gamified.Apprentice	12	1.165	1.165	0.146	40	0.871	1.460						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	22	0.680	0.680	0.216		0.100	1.259	3.143	0.003	0.016	1.236	*	large
Type.non-gamified.Master	9	1.499	1.499	0.168	40	1.158	1.839						
Type.ont-gamified.Master	13	1.668	1.668	0.140	40	1.385	1.951						
Type.non-gamified.Master - ont-gamified.Master	22	-0.169	-0.169	0.219		-0.756	0.418	-0.773	0.444	0.866	-0.339		