

Summary of parametric statistics analysis for the latent trait estimates of Pressure/Tension in the pilot study for students with effective participation

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.077	1	0.174	0.682	
Type.Type	1.293	1	2.920	0.106	
Type.CLRole	0.000	1	0.000	0.996	
Type.Type:CLRole	0.002	1	0.005	0.947	
Type.Residuals	7.526	17			

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 for students with effective participation

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.ajd	g	sig	mag
Type.non-gamified	7	0.368	0.362	0.278	17	-0.225	0.950						
Type.ont-gamified	14	-0.225	-0.220	0.197	17	-0.636	0.195						
Type.non-gamified - ont-gamified	21	0.592	0.583	0.341		-0.057	1.242	1.709	0.106	0.071	0.903		
Type.non-gamified.Apprentice	5	0.375	0.375	0.298	17	-0.253	1.002						
Type.ont-gamified.Apprentice	10	-0.231	-0.231	0.210	17	-0.675	0.213						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	15	0.606	0.606	0.364		-0.430	1.642	1.662	0.115	0.373	0.798		
Type.non-gamified.Master	2	0.350	0.350	0.470	17	-0.643	1.343						
Type.ont-gamified.Master	4	-0.210	-0.210	0.333	17	-0.912	0.492						
Type.non-gamified.Master - ont-gamified.Master	6	0.560	0.560	0.576		-1.078	2.198	0.971	0.345	0.767	0.950		