

Summary of parametric statistics analysis for the latent trait estimates of Intrinsic Motivation 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 Intrinsic Motivation in the pilot study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.227	1	0.550	0.469	
Type.Type	1.751	1	4.233	0.055	
Type.CLRole	0.119	1	0.287	0.599	
Type.Type:CLRole	0.150	1	0.362	0.555	
Type.Residuals	7.031	17			

Signif. codes: 0 ‘***’ 0.01 ‘**’ 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Intrinsic Motivation in the pilot 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	7	-0.212	-0.217	0.269	17	-0.784	0.351						
Type.ont-gamified	14	0.381	0.461	0.190	17	0.060	0.863						
Type.non-gamified - ont-gamified	21	-0.593	-0.678	0.330		-1.221	0.035	-2.058	0.055	0.063	-0.910		
Type.non-gamified.Apprentice	5	-0.206	-0.206	0.288	17	-0.813	0.401						
Type.ont-gamified.Apprentice	10	0.274	0.274	0.203	17	-0.155	0.703						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	15	-0.480	-0.480	0.352		-1.481	0.522	-1.362	0.191	0.539	-0.726		
Type.non-gamified.Master	2	-0.228	-0.228	0.455	17	-1.187	0.732						
Type.ont-gamified.Master	4	0.649	0.649	0.322	17	-0.030	1.327						
Type.non-gamified.Master - ont-gamified.Master	6	-0.876	-0.876	0.557		-2.459	0.707	-1.573	0.134	0.419	-0.991		