

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

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Table 1: Summary of two-way ANOVA results for the latent trait estimates of Level of Motivation in the second study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.236	1	0.338	0.564	
Type.Type	0.330	1	0.472	0.495	
Type.CLRole	0.107	1	0.153	0.697	
Type.Type:CLRole	0.863	1	1.235	0.272	
Type.Residuals	32.849	47			

Signif. codes: 0 ‘***’ 0.01 ‘**’ 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Level of Motivation in the second 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	30	-0.037	-0.013	0.158	47	-0.332	0.306						
Type.ont-gamified	21	0.200	0.156	0.188	47	-0.222	0.534						
Type.non-gamified - ont-gamified	51	-0.236	-0.169	0.246		-0.715	0.242	-0.687	0.495	0.325	-0.280		
Type.non-gamified.Apprentice	19	-0.101	-0.101	0.192	47	-0.487	0.284						
Type.ont-gamified.Apprentice	13	0.340	0.340	0.232	47	-0.126	0.807						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	32	-0.442	-0.442	0.301		-1.243	0.360	-1.468	0.149	0.464	-0.538		
Type.non-gamified.Master	11	0.075	0.075	0.252	47	-0.432	0.583						
Type.ont-gamified.Master	8	-0.029	-0.029	0.296	47	-0.623	0.566						
Type.non-gamified.Master - ont-gamified.Master	19	0.104	0.104	0.388		-0.930	1.139	0.268	0.790	0.993	0.111		