

Summary of parametric statistics analysis for the latent trait estimates of Intrinsic Motivation in the pilot study for signed up students

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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 signed up students

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.042	1	0.082	0.777	
Type.Type	2.397	1	4.702	0.039	*
Type.CLRole	0.456	1	0.894	0.353	
Type.Type:CLRole	0.080	1	0.156	0.696	
Type.Residuals	13.254	26			

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 signed up students

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.adj	g	sig	mag
Type.non-gamified	14	-0.389	-0.322	0.273	26	-0.882	0.239						
Type.ont-gamified	16	0.305	0.419	0.206	26	-0.004	0.843						
Type.non-gamified - ont-gamified	30	-0.694	-0.741	0.342		-1.231	-0.157	-2.168	0.039	0.013	-0.956	*	large
Type.non-gamified.Apprentice	12	-0.416	-0.416	0.206	26	-0.839	0.008						
Type.ont-gamified.Apprentice	12	0.190	0.190	0.206	26	-0.233	0.614						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	24	-0.606	-0.606	0.291		-1.406	0.194	-2.079	0.048	0.186	-0.818		
Type.non-gamified.Master	2	-0.228	-0.228	0.505	26	-1.266	0.810						
Type.ont-gamified.Master	4	0.649	0.649	0.357	26	-0.085	1.382						
Type.non-gamified.Master - ont-gamified.Master	6	-0.876	-0.876	0.618		-2.573	0.820	-1.417	0.168	0.500	-0.991		