

# Summary of parametric statistics analysis for the latent trait estimates of Attention in the second study for signed up students

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Table 1: Summary of two-way ANOVA results for the latent trait estimates of Attention in the second study for signed up students

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.028	1	0.018	0.893	
Type.Type	1.605	1	1.031	0.314	
Type.CLRole	0.006	1	0.004	0.951	
Type.Type:CLRole	2.002	1	1.286	0.262	
Type.Residuals	84.055	54			

Signif. codes: 0 “\*\*\*” 0.01 “\*” 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Attention in the second 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	34	-0.278	-0.204	0.229	54	-0.662	0.255						
Type.ont-gamified	24	0.219	0.156	0.270	54	-0.386	0.697						
Type.non-gamified - ont-gamified	58	-0.497	-0.359	0.354		-1.164	0.170	-1.015	0.314	0.141	-0.396		
Type.non-gamified.Apprentice	23	-0.415	-0.415	0.260	54	-0.937	0.106						
Type.ont-gamified.Apprentice	16	0.346	0.346	0.312	54	-0.280	0.971						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	39	-0.761	-0.761	0.406		-1.837	0.316	-1.873	0.066	0.252	-0.601		
Type.non-gamified.Master	11	0.008	0.008	0.376	54	-0.746	0.762						
Type.ont-gamified.Master	8	-0.034	-0.034	0.441	54	-0.918	0.850						
Type.non-gamified.Master - ont-gamified.Master	19	0.042	0.042	0.580		-1.495	1.579	0.072	0.943	1.000	0.032		