

# Summary of parametric statistics analysis for Attention score in the third study for signed-up students

Table 1: Summary of two-way ANOVA results for Attention score in the third study for signed-up students

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	654.206	1	376.621	0.000	
Type.Type	0.072	1	0.041	0.840	
Type.CLRole	0.514	1	0.296	0.589	
Type.Type:CLRole	0.317	1	0.183	0.671	
Type.Residuals	81.641	47			

Signif. codes: 0 ‘\*\*\*’ 0.01 ‘\*\*’ 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Attention score in the third study for signed-up students

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.adj	g	sig	mag
Type.ont-gamified	24	3.724	3.772	0.278	47	3.213	4.331						
Type.w/o-gamified	27	3.843	3.852	0.278	47	3.293	4.411						
Type.ont-gamified - w/o-gamified	51	-0.118	-0.080	0.393		-0.862	0.625	-0.204	0.840	0.750	-0.090		
Type.ont-gamified.Apprentice	15	3.581	3.581	0.340	47	2.897	4.266						
Type.w/o-gamified.Apprentice	19	3.829	3.829	0.302	47	3.221	4.437						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	34	-0.248	-0.248	0.455		-1.460	0.964	-0.545	0.589	0.948	-0.168		
Type.ont-gamified.Master	9	3.963	3.963	0.439	47	3.079	4.847						
Type.w/o-gamified.Master	8	3.875	3.875	0.466	47	2.938	4.812						
Type.ont-gamified.Master - w/o-gamified.Master	17	0.088	0.088	0.640		-1.618	1.794	0.137	0.891	0.999	0.082		