

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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	593.543	1	544.496	0.000	
Type.Type	1.948	1	1.787	0.188	
Type.CLRole	1.420	1	1.303	0.259	
Type.Type:CLRole	2.608	1	2.392	0.129	
Type.Residuals	51.234	47			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for Interest/Enjoyment 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	3.734	3.839	0.220	47	3.396	4.282						
Type.w/o-gamified	27	3.449	3.423	0.220	47	2.980	3.866						
Type.ont-gamified - w/o-gamified	51	0.286	0.416	0.311		-0.304	0.875	1.337	0.188	0.334	0.265		
Type.ont-gamified.Apprentice	15	3.421	3.421	0.270	47	2.878	3.963						
Type.w/o-gamified.Apprentice	19	3.486	3.486	0.240	47	3.004	3.968						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	34	-0.065	-0.065	0.361		-1.026	0.895	-0.181	0.857	0.998	-0.059		
Type.ont-gamified.Master	9	4.257	4.257	0.348	47	3.557	4.957						
Type.w/o-gamified.Master	8	3.360	3.360	0.369	47	2.617	4.103						
Type.ont-gamified.Master - w/o-gamified.Master	17	0.897	0.897	0.507		-0.454	2.249	1.769	0.083	0.301	0.888		