

# Summary of parametric statistics analysis for Relevance score in the second study for students with effective participation

Table 1: Summary of two-way ANOVA results for Relevance score in the second study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	1157.488	1	793.890	0.000	
Type.Type	0.417	1	0.286	0.595	
Type.CLRole	0.276	1	0.189	0.666	
Type.Type:CLRole	0.190	1	0.130	0.720	
Type.Residuals	68.526	47			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for Relevance score 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	4.867	4.904	0.229	47	4.444	5.364						
Type.ont-gamified	21	5.091	5.094	0.271	47	4.548	5.640						
Type.non-gamified - ont-gamified	51	-0.224	-0.190	0.355		-0.915	0.467	-0.535	0.595	0.517	-0.186		
Type.non-gamified.Apprentice	19	4.763	4.763	0.277	47	4.206	5.320						
Type.ont-gamified.Apprentice	13	5.081	5.081	0.335	47	4.407	5.755						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	32	-0.318	-0.318	0.435		-1.475	0.840	-0.731	0.468	0.884	-0.231		
Type.non-gamified.Master	11	5.045	5.045	0.364	47	4.313	5.778						
Type.ont-gamified.Master	8	5.107	5.107	0.427	47	4.248	5.966						
Type.non-gamified.Master - ont-gamified.Master	19	-0.062	-0.062	0.561		-1.556	1.433	-0.110	0.913	1.000	-0.064		