

Summary of parametric statistics analysis for Effort/Importance score in the pilot study for signed up students

Table 1: Summary of two-way ANOVA results for Effort/Importance score in the pilot study for signed up students

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	458.346	1	276.045	0.000	
Type.Type	0.624	1	0.376	0.545	
Type.CLRole	0.065	1	0.039	0.845	
Type.Type:CLRole	0.275	1	0.166	0.687	
Type.Residuals	43.170	26			

Signif. codes: 0 “***” 0.01 “**” 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Effort/Importance score 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	5.180	5.313	0.492	26	4.302	6.325						
Type.ont-gamified	16	4.968	4.935	0.372	26	4.171	5.700						
Type.non-gamified - ont-gamified	30	0.213	0.378	0.617		-0.757	1.182	0.613	0.545	0.656	0.166		
Type.non-gamified.Apprentice	12	5.127	5.127	0.372	26	4.362	5.892						
Type.ont-gamified.Apprentice	12	5.000	5.000	0.372	26	4.235	5.765						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	24	0.127	0.127	0.526		-1.316	1.570	0.241	0.811	0.995	0.096		
Type.non-gamified.Master	2	5.500	5.500	0.911	26	3.627	7.373						
Type.ont-gamified.Master	4	4.871	4.871	0.644	26	3.546	6.195						
Type.non-gamified.Master - ont-gamified.Master	6	0.629	0.629	1.116		-2.432	3.691	0.564	0.578	0.942	0.375		