

Summary of parametric statistics analysis for Intrinsic Motivation score in the third study for signed-up students

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	865.068	1	1735.886	0.000	
Type.Type	3.065	1	6.150	0.017	*
Type.CLRole	1.506	1	3.022	0.089	
Type.Type:CLRole	0.755	1	1.516	0.224	
Type.Residuals	23.422	47			

Signif. codes: 0 “***” 0.01 “**” 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for Intrinsic Motivation 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	4.566	4.645	0.149	47	4.345	4.944						
Type.w/o-gamified	27	4.101	4.123	0.149	47	3.823	4.422						
Type.ont-gamified - w/o-gamified	51	0.465	0.522	0.210		0.067	0.864	2.480	0.017	0.023	0.633	*	medium
Type.ont-gamified.Apprentice	15	4.332	4.332	0.182	47	3.965	4.699						
Type.w/o-gamified.Apprentice	19	4.069	4.069	0.162	47	3.743	4.395						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	34	0.263	0.263	0.244		-0.387	0.912	1.078	0.287	0.705	0.373		
Type.ont-gamified.Master	9	4.957	4.957	0.235	47	4.484	5.430						
Type.w/o-gamified.Master	8	4.176	4.176	0.250	47	3.674	4.678						
Type.ont-gamified.Master - w/o-gamified.Master	17	0.781	0.781	0.343		-0.133	1.695	2.277	0.027	0.118	0.997		