

Summary of parametric statistics analysis for the latent trait estimates of Satisfaction in the third study for students with effective participation

October 1, 2018

Table 1: Summary of two-way ANOVA results for the latent trait estimates of Satisfaction in the third study for students with effective participation

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	2.568	1	1.077	0.306	
Type.Type	0.081	1	0.034	0.855	
Type.CLRole	2.104	1	0.883	0.353	
Type.Type:CLRole	0.137	1	0.057	0.812	
Type.Residuals	92.944	39			

Signif. codes: 0 ‘***’ 0.01 ‘**’ 0.05

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Satisfaction in the third 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.ont-gamified	24	0.380	0.306	0.325	39	-0.352	0.965						
Type.w/o-gamified	19	0.278	0.214	0.381	39	-0.557	0.984						
Type.ont-gamified - w/o-gamified	43	0.102	0.092	0.501		-0.857	1.060	0.184	0.855	0.831	0.065		
Type.ont-gamified.Apprentice	15	0.602	0.602	0.399	39	-0.205	1.408						
Type.w/o-gamified.Apprentice	13	0.389	0.389	0.428	39	-0.477	1.255						
Type.ont-gamified.Apprentice - w/o-gamified.Apprentice	28	0.212	0.212	0.585		-1.357	1.782	0.363	0.719	0.983	0.128		
Type.ont-gamified.Master	9	0.011	0.011	0.515	39	-1.030	1.052						
Type.w/o-gamified.Master	6	0.038	0.038	0.630	39	-1.236	1.313						
Type.ont-gamified.Master - w/o-gamified.Master	15	-0.028	-0.028	0.814		-2.211	2.156	-0.034	0.973	1.000	-0.018		