

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

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

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.613	1	0.478	0.493	
Type.Type	0.059	1	0.046	0.831	
Type.CLRole	0.078	1	0.061	0.807	
Type.Type:CLRole	1.298	1	1.012	0.320	
Type.Residuals	59.018	46			

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 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	29	0.121	0.151	0.217	46	-0.285	0.588						
Type.ont-gamified	21	0.129	0.080	0.254	46	-0.433	0.592						
Type.non-gamified - ont-gamified	50	-0.009	0.072	0.334		-0.662	0.645	0.215	0.831	0.979	-0.008		
Type.non-gamified.Apprentice	18	0.024	0.024	0.267	46	-0.513	0.562						
Type.ont-gamified.Apprentice	13	0.289	0.289	0.314	46	-0.344	0.921						
Type.non-gamified.Apprentice - ont-gamified.Apprentice	31	-0.264	-0.264	0.412		-1.363	0.835	-0.641	0.525	0.918	-0.227		
Type.non-gamified.Master	11	0.278	0.278	0.342	46	-0.409	0.966						
Type.ont-gamified.Master	8	-0.130	-0.130	0.400	46	-0.936	0.676						
Type.non-gamified.Master - ont-gamified.Master	19	0.408	0.408	0.526		-0.995	1.811	0.776	0.442	0.865	0.344		