

# 1 Summaries of Parametric Statistics Analysis for the latent trait estimates of Perceived Choice in the pilot study

Table 1: Summary of two-way ANOVA results for the latent trait estimates of Perceived Choice in the pilot study

	Sum Sq	Df	F value	Pr(>F)	Sig
Type.(Intercept)	0.103	1	0.195	0.663	
Type.Type	3.675	1	6.980	0.014	*
Type.CLRole	0.066	1	0.126	0.725	
Type.Type:CLRole	1.050	1	1.994	0.170	
Type.Residuals	13.689	26			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for the latent trait estimates of Perceived Choice in the pilot study

	N	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.adj	g	sig	ma
Type.non-gamified	14	-0.316	-0.535	0.277	26	-1.105	0.034						
Type.ont-gamified	16	0.290	0.382	0.209	26	-0.048	0.813						
Type.non-gamified - ont-gamified	30	-0.607	-0.918	0.347		-1.152	-0.061	-2.642	0.014	0.031	-0.814	*	larg
Type.non-gamified.Apprentice	12	-0.229	-0.229	0.209	26	-0.659	0.202						
Type.ont-gamified.Apprentice	12	0.199	0.199	0.209	26	-0.232	0.629						
Type.non-gamified.Apprentice	24	-0.427	-0.427	0.296		-1.240	0.386	-1.442	0.161	0.486	-0.557		
Type.non-gamified.Master	2	-0.842	-0.842	0.513	26	-1.897	0.212						
Type.ont-gamified.Master	4	0.566	0.566	0.363	26	-0.180	1.312						
Type.non-gamified.Master - ont-gamified.Master	6	-1.408	-1.408	0.628		-3.132	0.316	-2.241	0.034	0.139	-1.767		

Signif. codes: 0 ‘\*\*\*’ 0.01 ‘\*’ 0.05