1 Summaries of Nonparametric Statistics Analysis

Table 1: Summary of Scheirer-Ray-Hare results

	Df	Sum Sq	Н	p.value	Sig
gain.theta					
gain.theta:Type	1	14.009	0.089	0.766	
gain.theta:CLRole	1	68.029	0.431	0.511	
gain.theta:Type:CLRole	1	36.434	0.231	0.631	
gain.theta:Residuals	39	6503.528			

Signif. codes: 0 "**" 0.01 "*" 0.05

2 Summaries of Wilcoxon Data Analysis

Signif. codes: 0 "**" 0.01 "*" 0.05

Table 3: Full descriptive statistic of the pair wilcoxon analysis

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ont-gamified. Apprentice
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ont-gamified.Apprentice

Table 3: (continued)

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gain.theta. Type: CLRole.ont-gamified. Apprentice:ont-gamified. Master. greater. 2	ont-gamified.Master	2	-0.09	8.00	40	35	0.53	0.323	0

Table 3: (continued)

	Group	z	Median	Mean.Ranks	Sum.Ranks	n	Z	p.value	
gain.theta.Type:CLRole.ont-gamified.Apprentice:ont-gamified.Master.two.sided.1	ont-gamified.Apprentice	12	0.05	9.42	113	35	0.53	0.646	0
gain.theta.Type: CLRole. out-gamified. Apprentice: out-gamified. Master.two.sided. 2009 and	ont-gamified.Master	2	-0.09	8.00	40	35	0.53	0.646	0
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Signif. codes: 0 "**" 0.01 "*" 0.05