1 Summaries of Nonparametric Statistics Analysis

Table 1: Summary of Scheirer-Ray-Hare results

	chi.square	df	p.value	Sig
PctHavingParticipation				
PctHavingParticipation:	3.184	1	0.074	
PctAdequateParticipation				
PctAdequateParticipation:	2.095	1	0.148	
PctIncompleteParticipation				
PctIncompleteParticipation:	3.211	1	0.073	
PctWithoutParticipation				
PctWithoutParticipation:	4.667	1	0.031	*

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

2 Summaries of Wilcoxon Data Analysis

Table 2: Descriptive statistic of the pair wilcoxon analysis

	Group	N	Median	Mean.Ranks	Sum.Ranks	U	Z	p.value	r	magnitude
PctHavingParticipation.Type.non-gamified:ont-gamified.less.1	non-gamified	6	0.40	5.25	31.5	10.5	−1.78	0.035	0.477	medium
PctHavingParticipation.Type.non-gamified:ont-gamified.less.2	ont-gamified	8	0.50	9.19	73.5	10.5	−1.78	0.035	0.477	medium
PctIncompleteParticipation.Type.non-gamified:ont-gamified.greater.1	non-gamified	5	0.60	7.20	36.0	21.0	1.79	0.048	0.567	large
PctIncompleteParticipation.Type.non-gamified:ont-gamified.greater.2	ont-gamified	5	0.25	3.80	19.0	21.0	1.79	0.048	0.567	large
PctWithoutParticipation.Type.non-gamified:ont-gamified.greater.1	non-gamified	3	0.60	6.00	18.0	12.0	2.16	0.029	0.816	large
PctWithoutParticipation.Type.non-gamified:ont-gamified.greater.2	ont-gamified	4	0.25	2.50	10.0	12.0	2.16	0.029	0.816	large

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

Table 3: Full descriptive statistic of the pair wilcoxon analysis

	Group	N	Median	Mean.Ranks	Sum.Ranks	U	Z	p.value	r	magnitude
PctHavingParticipation.Type.non-gamified:ont-gamified.less.1	non-gamified	6	0.40	5.25	31.5	10.5	−1.78	0.035	0.477	medium
PctHavingParticipation.Type.non-gamified:ont-gamified.less.2	ont-gamified	8	0.50	9.19	73.5	10.5	−1.78	0.035	0.477	medium
PctHavingParticipation.Type.non-gamified:ont-gamified.greater.1	non-gamified	6	0.40	5.25	31.5	10.5	−1.78	0.966	0.477	medium
PctHavingParticipation.Type.non-gamified:ont-gamified.greater.2	ont-gamified	8	0.50	9.19	73.5	10.5	−1.78	0.966	0.477	medium
PctHavingParticipation.Type.non-gamified:ont-gamified.two.sided.1	non-gamified	6	0.40	5.25	31.5	10.5	−1.78	0.078	0.477	medium
PctHavingParticipation.Type.non-gamified:ont-gamified.two.sided.2	ont-gamified	8	0.50	9.19	73.5	10.5	−1.78	0.078	0.477	medium
PctAdequateParticipation.Type.non-gamified:ont-gamified.less.1	non-gamified	4	0.40	4.12	16.5	6.5	−1.45	0.082	0.436	medium
PctAdequateParticipation.Type.non-gamified:ont-gamified.less.2	ont-gamified	7	0.50	7.07	49.5	6.5	−1.45	0.082	0.436	medium
PctAdequateParticipation.Type.non-gamified:ont-gamified.greater.1	non-gamified	4	0.40	4.12	16.5	6.5	−1.45	0.924	0.436	medium
PctAdequateParticipation.Type.non-gamified:ont-gamified.greater.2	ont-gamified	7	0.50	7.07	49.5	6.5	−1.45	0.924	0.436	medium
PctAdequateParticipation.Type.non-gamified:ont-gamified.two.sided.1	non-gamified	4	0.40	4.12	16.5	6.5	−1.45	0.161	0.436	medium
PctAdequateParticipation.Type.non-gamified:ont-gamified.two.sided.2	ont-gamified	7	0.50	7.07	49.5	6.5	−1.45	0.161	0.436	medium
PctIncompleteParticipation.Type.non-gamified:ont-gamified.less.1	non-gamified	5	0.60	7.20	36.0	21.0	1.79	0.972	0.567	large
PctIncompleteParticipation.Type.non-gamified:ont-gamified.less.2	ont-gamified	5	0.25	3.80	19.0	21.0	1.79	0.972	0.567	large
PctIncompleteParticipation.Type.non-gamified:ont-gamified.greater.1	non-gamified	5	0.60	7.20	36.0	21.0	1.79	0.048	0.567	large
PctIncompleteParticipation.Type.non-gamified:ont-gamified.greater.2	ont-gamified	5	0.25	3.80	19.0	21.0	1.79	0.048	0.567	large
PctIncompleteParticipation.Type.non-gamified:ont-gamified.two.sided.1	non-gamified	5	0.60	7.20	36.0	21.0	1.79	0.095	0.567	large
PctIncompleteParticipation.Type.non-gamified:ont-gamified.two.sided.2	ont-gamified	5	0.25	3.80	19.0	21.0	1.79	0.095	0.567	large
PctWithoutParticipation.Type.non-gamified:ont-gamified.less.1	non-gamified	3	0.60	6.00	18.0	12.0	2.16	1.000	0.816	large
PctWithoutParticipation.Type.non-gamified:ont-gamified.less.2	ont-gamified	4	0.25	2.50	10.0	12.0	2.16	1.000	0.816	large
PctWithoutParticipation.Type.non-gamified:ont-gamified.greater.1	non-gamified	3	0.60	6.00	18.0	12.0	2.16	0.029	0.816	large
PctWithoutParticipation.Type.non-gamified:ont-gamified.greater.2	ont-gamified	4	0.25	2.50	10.0	12.0	2.16	0.029	0.816	large
PctWithoutParticipation.Type.non-gamified:ont-gamified.two.sided.1	non-gamified	3	0.60	6.00	18.0	12.0	2.16	0.057	0.816	large
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