Summary of nonparametric statistics analysis for the scores of Effort/Importance in the first study for students with effective participation

Table 1: Summary of Scheirer-Ray-Hare results for the scores of Effort/Importance in the first study for students with effective participation

	Df	Sum Sq	Н	p.value	Sig
Type					
Type:Type	1	438.193	2.263	0.132	
Type:CLRole	1	623.521	3.221	0.073	
Type:Type:CLRole	1	312.872	1.616	0.204	
Type:Residuals	44	7724.414			

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

Table 2: Descriptive statistic of the pair wilcoxon analysis for the scores of Effort/Importance in the first study for students with effective participation

	Group	N	Median	Mean.Ranks	Sum.Ranks	U	Z	p.value	r	magnitude
Type:CLRole.greater.1	non-gamified.Apprentice	10	5.83	13.30	133	78	2.13	0.017	0.476	medium
Type:CLRole.greater.2	non-gamified.Master	10	4.50	7.70	77	78	2.13	0.017	0.476	medium
Type:CLRole.two.sided.1	non-gamified.Apprentice	10	5.83	13.30	133	78	2.13	0.035	0.476	medium
Type:CLRole.two.sided.2	non-gamified.Master	10	4.50	7.70	77	78	2.13	0.035	0.476	medium
Type:CLRole.less.1	non-gamified.Master	10	4.50	8.40	84	29	-2.42	0.007	0.493	medium
Type:CLRole.less.2	ont-gamified.Apprentice	14	6.00	15.43	216	29	-2.42	0.007	0.493	medium
Type:CLRole.two.sided.11	non-gamified.Master	10	4.50	8.40	84	29	-2.42	0.014	0.493	medium
Type:CLRole.two.sided.21	ont-gamified.Apprentice	14	6.00	15.43	216	29	-2.42	0.014	0.493	medium
Type:CLRole.less.11	non-gamified.Master	10	4.50	9.20	92	37	-1.94	0.026	0.396	medium
Type:CLRole.less.21	ont-gamified.Master	14	6.00	14.86	208	37	-1.94	0.026	0.396	medium

Table 3: Full descriptive statistic of the pair wilcoxon analysis for the scores of Effort/Importance in the first study for students with effective participation

Type.class.1											
Type_cless.2 ont-gamified 28 6.00 27.05 757.5 208.5 -1.50 0.067 0.217 small Type_greater.2 ont-gamified 28 6.00 27.05 757.5 208.5 -1.50 0.934 0.217 small Type_type_type_solded.1 ont-gamified 28 6.00 27.05 757.5 208.5 -1.50 0.934 0.217 small Type_type_type_type_type_type_type_type_t		Group	N	Median	Mean.Ranks	Sum.Ranks	U	Z	p.value	r	magnitude
Type_greater.1 non-gamified 20 5.33 20.93 41.8.5 208.5 -1.50 0.934 0.217 small Type_two.sided.1 ont-gamified 28 6.00 27.05 75.75 208.5 -1.50 0.934 0.217 small Type.tCLRole.less.2 ont-gamified. Apprentice 10 5.83 13.30 13.0 78.0 2.13 0.985 0.476 medium Type.CLRole.less.2 non-gamified. Apprentice 10 5.83 13.30 133.0 78.0 2.13 0.985 0.476 medium Type.CLRole.less.2 non-gamified. Apprentice 10 5.83 13.30 13.0 78.0 2.13 0.985 0.476 medium Type.CLRole.less.21 non-gamified. Apprentice 10 5.83 13.30 13.0 78.0 2.13 0.017 0.476 medium Type.CLRole.less.21 non-gamified. Apprentice 10 4.50 7.70 77.0 77.0 2.13 0.035 0.476 me	Type.less.1	non-gamified	20		20.93	418.5	208.5	-1.50	0.067	0.217	small
Type.greater.2 ont-gamified 28 6.00 27.05 75.5 20.85 -1.50 0.934 0.217 small Type.two.sided.2 ont-gamified 20 5.33 20.93 418.5 20.85 -1.50 0.135 0.217 small Type.CLRole.less.1 ono-gamified.Apprentice 10 5.83 13.30 78.0 2.13 0.985 0.476 medium Type.CLRole.less.2 non-gamified.Apprentice 10 4.50 7.70 77.0 78.0 2.13 0.985 0.476 medium Type.CLRole.less.2 non-gamified.Apprentice 10 5.83 13.30 78.0 2.13 0.017 0.476 medium Type.CLRole.less.2.1 non-gamified.Apprentice 10 5.83 13.30 13.0 78.0 2.13 0.035 0.476 medium Type.CLRole.less.2.1 non-gamified.Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.426 0.042 none Type.CLRol	Type.less.2	ont-gamified	28	6.00	27.05	757.5	208.5	-1.50	0.067	0.217	small
Type.two.sided.1 non-gamified 20 5.33 20.93 418.5 208.5 -1.50 0.135 0.217 small Type.two.sided.2 ont-gamified.Apprentice 10 5.83 13.30 133.0 78.0 2.13 0.985 0.476 medium Type.CLRole.less.1 non-gamified.Master 10 5.83 13.30 133.0 78.0 2.13 0.985 0.476 medium Type.CLRole.less.1 non-gamified.Apprentice 10 5.83 13.30 133.0 78.0 2.13 0.985 0.476 medium Type.CLRole.greater.2 non-gamified.Master 10 5.83 13.30 133.0 78.0 2.13 0.017 0.476 medium Type.CLRole.two.sided.1 non-gamified.Master 10 5.83 13.30 13.30 78.0 2.13 0.035 0.476 medium Type.CLRole.less.21 ont-gamified.Apprentice 10 5.83 12.15 66.5 -0.21 0.426 0.042 none	Type.greater.1	non-gamified			20.93	418.5	208.5	-1.50	0.934		
Type:CLRole.less.1	Type.greater.2	ont-gamified							0.934		
Type:CLRole.less.1 non-gamified.Apprentice 10 5.83 13.30 133.0 78.0 2.13 0.985 0.476 medium Type:CLRole.less.2 non-gamified.Apprentice 10 4.50 7.70 77.0 78.0 2.13 0.985 0.476 medium Type:CLRole.greater.2 non-gamified.Apprentice 10 5.83 13.30 133.0 78.0 2.13 0.017 0.476 medium Type:CLRole.two.sided.1 non-gamified.Apprentice 10 5.83 13.30 133.0 78.0 2.13 0.017 0.476 medium Type:CLRole.two.sided.1 non-gamified.Apprentice 10 5.83 12.15 17.70 77.0 78.0 2.13 0.035 0.476 medium Type:CLRole.less.21 non-gamified.Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.426 0.042 none Type:CLRole.greater.11 non-gamified.Apprentice 10 5.83 12.15 121.5 66.5 -0.21	Type.two.sided.1	non-gamified	20	5.33	20.93	418.5	208.5	-1.50	0.135	0.217	small
Type:CRole less: 2 non-gamified Master 10 4.50 7.70 77.0 78.0 2.13 0.985 0.476 medium Type:CLRole greater. 2 non-gamified Apprentice 10 5.83 13.30 133.0 78.0 2.13 0.017 0.476 medium Type:CLRole two.sided. 2 non-gamified Apprentice 10 5.83 13.30 133.0 78.0 2.13 0.017 0.476 medium Type:CLRole two.sided. 2 non-gamified Apprentice 10 5.83 12.15 133.0 78.0 2.13 0.035 0.476 medium Type:CLRole two.sided. 2 non-gamified Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.426 0.042 none Type:CLRole less. 12 ont-gamified Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.426 0.042 none Type:CLRole system 2.1 ont-gamified Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.847	Type.two.sided.2	ont-gamified	28	6.00	27.05	757.5	208.5	-1.50	0.135	0.217	small
Type:CLRole.greater.1 non-gamified.Apprentice 10 5.83 13.30 78.0 2.13 0.017 0.476 medium Type:CLRole.two.sided.1 non-gamified.Master 10 4.50 7.70 77.0 78.0 2.13 0.017 0.476 medium Type:CLRole.two.sided.2 non-gamified.Apprentice 10 5.83 13.30 133.0 78.0 2.13 0.035 0.476 medium Type:CLRole.two.sided.21 non-gamified.Apprentice 10 5.83 12.15 16.5 6.5 -0.21 0.426 0.042 none Type:CLRole.less.21 ont-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.589 0.042 none Type:CLRole.two.sided.11 non-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.589 0.042 none Type:CLRole.two.sided.22 ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 0.072	Type:CLRole.less.1	non-gamified.Apprentice	10	5.83	13.30	133.0	78.0	2.13	0.985	0.476	medium
Type:CLRole.greater.2 non-gamified.Master 10 4.50 7.70 77.0 78.0 2.13 0.017 0.476 medium Type:CLRole.two.sided.1 non-gamified.Apprentice 10 5.83 13.30 133.0 78.0 2.13 0.035 0.476 medium Type:CLRole.two.sided.2 non-gamified.Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.426 0.042 none Type:CLRole.less.21 ont-gamified.Apprentice 10 5.83 12.15 178.5 66.5 -0.21 0.426 0.042 none Type:CLRole.greater.21 ont-gamified.Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.589 0.042 none Type:CLRole.greater.21 ont-gamified.Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.847 0.042 none Type:CLRole.two.sided.12 ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 <td>Type:CLRole.less.2</td> <td>non-gamified.Master</td> <td>10</td> <td>4.50</td> <td>7.70</td> <td>77.0</td> <td>78.0</td> <td>2.13</td> <td>0.985</td> <td>0.476</td> <td>medium</td>	Type:CLRole.less.2	non-gamified.Master	10	4.50	7.70	77.0	78.0	2.13	0.985	0.476	medium
Type:CLRole.two.sided.1	Type:CLRole.greater.1	non-gamified.Apprentice	10	5.83	13.30	133.0	78.0	2.13	0.017	0.476	medium
Type:CLRole.two.sided.2 non-gamified.Master 10 4.50 7.70 77.0 78.0 2.13 0.035 0.476 medium Type:CLRole.less.11 non-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.426 0.042 none Type:CLRole.greater.11 non-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.589 0.042 none Type:CLRole.two.sided.11 non-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.589 0.042 none Type:CLRole.two.sided.11 non-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.589 0.042 none Type:CLRole.two.sided.21 ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 0.072 none Type:CLRole.less.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 <td>Type:CLRole.greater.2</td> <td>non-gamified.Master</td> <td>10</td> <td>4.50</td> <td>7.70</td> <td>77.0</td> <td>78.0</td> <td>2.13</td> <td>0.017</td> <td>0.476</td> <td>medium</td>	Type:CLRole.greater.2	non-gamified.Master	10	4.50	7.70	77.0	78.0	2.13	0.017	0.476	medium
Type:CLRole.less.11 non-gamified.Apprentice 10 5.83 12.15 12.15 66.5 -0.21 0.426 0.042 none Type:CLRole.less.21 ont-gamified.Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.589 0.042 none Type:CLRole.greater.21 ont-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.589 0.042 none Type:CLRole.two.sided.11 non-gamified.Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.589 0.042 none Type:CLRole.two.sided.21 ont-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.847 0.042 none Type:CLRole.less.12 ont-gamified.Apprentice 14 6.00 12.07 169.0 76.0 0.35 0.643 0.072 none Type:CLRole.greater.12 ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370	Type:CLRole.two.sided.1	non-gamified.Apprentice	10	5.83	13.30	133.0	78.0	2.13	0.035	0.476	medium
Type:CLRole.less.21	Type:CLRole.two.sided.2	non-gamified.Master	10	4.50	7.70	77.0	78.0	2.13	0.035	0.476	medium
Type:CLRole greater.11 non-gamified.Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.589 0.042 none Type:CLRole two.sided.11 non-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.589 0.042 none Type:CLRole two.sided.21 non-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.847 0.042 none Type:CLRole two.sided.21 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 0.072 none Type:CLRole two.sided.12 non-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.643 0.072 none Type:CLRole two.sided.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none Type:CLRole two.sided.12 non-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.7	Type:CLRole.less.11	non-gamified.Apprentice	10	5.83	12.15	121.5	66.5	-0.21	0.426	0.042	none
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Type:CLRole.two.sided.11 non-gamified.Apprentice 10 5.83 12.15 121.5 66.5 -0.21 0.847 0.042 none ont-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.847 0.042 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.343 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.343 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.343 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.343 0.072 none ont-gamified.Apprentice 14 6.00 12.07 169.0 76.0 0.35 0.743 0.072 none ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.007 0.493 medium ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.007 0.493 medium ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.093 0.493 medium ont-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium ont-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium ont-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium ont-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium ont-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.053 0.396 medium ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium ont-gamified.Master 14 6.00 15.32 214.5	Type:CLRole.greater.11	non-gamified.Apprentice	10	5.83	12.15	121.5	66.5	-0.21	0.589	0.042	none
Type:CLRole.two.sided.21 ont-gamified.Apprentice 14 6.00 12.75 178.5 66.5 -0.21 0.847 0.042 none non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 0.072 none non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.743 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.743 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.743 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.743 0.072 none ont-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.743 0.072 none ont-gamified.Apprentice 11 5.00 15.00 15.00 0.00 0.00 0.00 0.00	Type:CLRole.greater.21	ont-gamified.Apprentice	14	6.00	12.75	178.5	66.5	-0.21	0.589	0.042	none
Type:CLRole.less.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.643 0.072 none 7type:CLRole.less.22 ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.643 0.072 none 7type:CLRole.greater.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none 7type:CLRole.greater.22 ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.370 0.072 none 7type:CLRole.two.sided.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none 7type:CLRole.two.sided.22 non-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.743 0.072 none 7type:CLRole.two.sided.23 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.007 0.493 medium 7type:CLRole.greater.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.007 0.493 medium 7type:CLRole.greater.23 ont-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium 7type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium 7type:CLRole.two.sided.13 non-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium 7type:CLRole.two.sided.13 non-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium 7type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium 7type:CLRole.greater.24 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium 7type:CLRole.greater.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium 7type:CLRole.greater.24 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium 7type:CLRole.greater.24 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium 7type:CLRole.greater.24 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium 7type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium 7type:CLRole.two.sided.24 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium 7type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium 7type:CLRole.two.sided.14 non-gamified.Apprentice 14 6.00 15.32 214.5	Type:CLRole.two.sided.11	non-gamified.Apprentice	10	5.83	12.15	121.5	66.5	-0.21	0.847	0.042	none
Type:CLRole.less.22 ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.643 0.072 none Type:CLRole.greater.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none Type:CLRole.greater.22 ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.370 0.072 none Type:CLRole.two.sided.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.743 0.072 none Type:CLRole.two.sided.22 ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.743 0.072 none Type:CLRole.less.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.greater.13 non-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.4	Type:CLRole.two.sided.21	ont-gamified. Apprentice	14	6.00	12.75	178.5	66.5	-0.21	0.847	0.042	none
Type:CLRole.greater.12 non-gamified.Apprentice ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.370 0.072 none Type:CLRole.two.sided.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.370 0.072 none Type:CLRole.two.sided.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.743 0.072 none Type:CLRole.two.sided.22 ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.743 0.072 none Type:CLRole.less.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.greater.13 non-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.greater.23 ont-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.23 ont-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 8.20 92.0 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.953 0.396 medium Type:CLRole.less.15 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.less.25 ont-gamified.Master 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101	Type:CLRole.less.12	non-gamified.Apprentice	10	5.83	13.10	131.0	76.0	0.35	0.643	0.072	none
Type:CLRole.greater.22 ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.370 0.072 none Type:CLRole.two.sided.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.743 0.072 none Type:CLRole.two.sided.22 ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.743 0.072 none Type:CLRole.less.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.greater.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.greater.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.less.25 ont-gamified.Master 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small Type:CLRole.less.25 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small Type:CLRole.less.25 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small	Type:CLRole.less.22	ont-gamified.Master	14	6.00	12.07	169.0	76.0	0.35	0.643	0.072	none
Type:CLRole.two.sided.12 non-gamified.Apprentice 10 5.83 13.10 131.0 76.0 0.35 0.743 0.072 none Type:CLRole.two.sided.22 ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.743 0.072 none Type:CLRole.less.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.greater.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.greater.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.greater.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.23 ont-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.24 ont-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Master 14 6.00 13.68 191.5 109.5 0.53 0.705 0.101 small Type:CLRole.greater.15 ont-gamified.Apprentice 14 6.00 13.68 191.5 109.5 0.53 0.304 0.101 small Type:CLRole.greater.15	Type:CLRole.greater.12	non-gamified.Apprentice	10	5.83	13.10	131.0	76.0	0.35	0.370	0.072	none
Type:CLRole.two.sided.22 ont-gamified.Master 14 6.00 12.07 169.0 76.0 0.35 0.743 0.072 none Type:CLRole.less.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.less.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.greater.23 non-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.greater.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Master 14 6.00 13.68 191.5 109.5 0.53 0.705 0.101 small Type:CLRole.greater.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small	Type:CLRole.greater.22	ont-gamified.Master	14	6.00	12.07	169.0	76.0	0.35	0.370	0.072	none
Type:CLRole.less.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.less.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.greater.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.greater.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.two.sided.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 <	Type:CLRole.two.sided.12	non-gamified.Apprentice	10	5.83	13.10	131.0	76.0	0.35	0.743	0.072	none
Type:CLRole.less.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.007 0.493 medium Type:CLRole.greater.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.greater.23 ont-gamified.Master 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.two.sided.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975	Type:CLRole.two.sided.22	ont-gamified.Master	14	6.00	12.07	169.0	76.0	0.35	0.743	0.072	none
Type:CLRole.greater.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.two.sided.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.less.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.953 0.396 medium Type:CLRole.two.sided.25 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.less.15 ont-gamified.Master 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Amster 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small Type:CLRole.greater.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small	Type:CLRole.less.13	non-gamified.Master	10	4.50	8.40	84.0	29.0	-2.42	0.007	0.493	medium
Type:CLRole.greater.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.993 0.493 medium Type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.two.sided.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.less.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975	Type:CLRole.less.23	ont-gamified. Apprentice	14	6.00	15.43	216.0	29.0	-2.42	0.007	0.493	medium
Type:CLRole.two.sided.13 non-gamified.Master 10 4.50 8.40 84.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.two.sided.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.less.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.053	Type:CLRole.greater.13	non-gamified.Master	10	4.50	8.40	84.0	29.0	-2.42	0.993	0.493	medium
Type:CLRole.two.sided.23 ont-gamified.Apprentice 14 6.00 15.43 216.0 29.0 -2.42 0.014 0.493 medium Type:CLRole.less.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.less.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 <t< td=""><td>Type:CLRole.greater.23</td><td>ont-gamified.Apprentice</td><td>14</td><td>6.00</td><td>15.43</td><td>216.0</td><td>29.0</td><td>-2.42</td><td>0.993</td><td>0.493</td><td>medium</td></t<>	Type:CLRole.greater.23	ont-gamified.Apprentice	14	6.00	15.43	216.0	29.0	-2.42	0.993	0.493	medium
Type:CLRole.less.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.less.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.24 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.less.15 ont-gamified.Master 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 </td <td>Type:CLRole.two.sided.13</td> <td>non-gamified.Master</td> <td>10</td> <td>4.50</td> <td>8.40</td> <td>84.0</td> <td>29.0</td> <td>-2.42</td> <td>0.014</td> <td>0.493</td> <td>medium</td>	Type:CLRole.two.sided.13	non-gamified.Master	10	4.50	8.40	84.0	29.0	-2.42	0.014	0.493	medium
Type:CLRole.less.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.026 0.396 medium Type:CLRole.greater.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.less.15 ont-gamified.Master 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Master 14 6.00 13.68 191.5 109.5 0.53 0.705 0.101<	Type:CLRole.two.sided.23	ont-gamified.Apprentice	14	6.00	15.43	216.0	29.0	-2.42	0.014	0.493	medium
Type:CLRole.greater.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.less.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Master 14 6.00 13.68 191.5 109.5 0.53 0.705 0.101 small Type:CLRole.greater.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.705	Type:CLRole.less.14	non-gamified.Master	10	4.50	9.20	92.0	37.0	-1.94	0.026	0.396	medium
Type:CLRole.greater.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.975 0.396 medium Type:CLRole.two.sided.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.less.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Apprentice 14 6.00 13.68 191.5 109.5 0.53 0.705 0.101 small Type:CLRole.greater.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small	Type:CLRole.less.24	ont-gamified.Master	14	6.00	14.86	208.0	37.0	-1.94	0.026	0.396	medium
Type:CLRole.two.sided.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.less.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Apprentice 14 6.00 13.68 191.5 109.5 0.53 0.705 0.101 small Type:CLRole.greater.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small	Type:CLRole.greater.14	non-gamified.Master	10	4.50	9.20	92.0	37.0	-1.94	0.975	0.396	medium
Type:CLRole.two.sided.14 non-gamified.Master 10 4.50 9.20 92.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.less.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Apprentice 14 6.00 13.68 191.5 109.5 0.53 0.705 0.101 small Type:CLRole.greater.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small		ont-gamified.Master	14	6.00	14.86	208.0	37.0	-1.94	0.975	0.396	medium
Type:CLRole.two.sided.24 ont-gamified.Master 14 6.00 14.86 208.0 37.0 -1.94 0.053 0.396 medium Type:CLRole.less.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Master 14 6.00 13.68 191.5 109.5 0.53 0.705 0.101 small Type:CLRole.greater.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small		non-gamified.Master	10	4.50	9.20	92.0	37.0	-1.94	0.053	0.396	medium
Type:CLRole.less.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.705 0.101 small Type:CLRole.less.25 ont-gamified.Master 14 6.00 13.68 191.5 109.5 0.53 0.705 0.101 small Type:CLRole.greater.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small			14	6.00			37.0	-1.94	0.053	0.396	medium
Type:CLRole.less.25 ont-gamified.Master 14 6.00 13.68 191.5 109.5 0.53 0.705 0.101 small Type:CLRole.greater.15 ont-gamified.Apprentice 14 6.00 15.32 214.5 109.5 0.53 0.304 0.101 small			14	6.00	15.32	214.5	109.5	0.53	0.705	0.101	small
	Type:CLRole.less.25		14	6.00	13.68	191.5	109.5	0.53	0.705	0.101	small
	Type:CLRole.greater.15	ont-gamified.Apprentice	14	6.00	15.32	214.5	109.5	0.53	0.304	0.101	small
			14	6.00	13.68	191.5	109.5	0.53	0.304	0.101	small

Table 3: (continued)

	Group	N	Median	Mean.Ranks	Sum.Ranks	U	\mathbf{Z}	p.value	r	magnitude
Type:CLRole.two.sided.15	ont-gamified.Apprentice	14	6.00	15.32	214.5	109.5	0.53	0.607	0.101	small
Type:CLRole.two.sided.25	ont-gamified.Master	14	6.00	13.68	191.5	109.5	0.53	0.607	0.101	small