Summary of nonparametric statistics analysis for the scores of Relevance in the second study for students with effective participation

Table 1: Summary of Scheirer-Ray-Hare results for the scores of Relevance in the second study for students with effective participation

	Df	Sum Sq	Н	p.value	Sig
Type					
Type:Type	1	104.914	0.477	0.490	
Type:CLRole	1	22.802	0.104	0.747	
Type:Type:CLRole	1	28.383	0.129	0.719	
Type:Residuals	47	10831.401			

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

Table 2: Full descriptive statistic of the pair wilcoxon analysis for the scores of Relevance in the second study for students with effective participation

Type.less.2 ont-gamified 21 5.25 27.71 582.0 279.0 -0.69 0.248 0.097 nor Type.greater.2 ont-gamified 21 5.25 27.71 582.0 279.0 -0.69 0.755 0.097 nor Type.two.sided.1 Type.two.sided.1 non-gamified 21 5.25 27.71 582.0 279.0 -0.69 0.755 0.097 nor Type.two.sided.1 Type.CLRole.less.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type.two.side.1 Type.CLRole.less.21 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type.two.side.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type.two.side.1 0.093 nor Type.two.side.1 0.093 nor Type.two.side.1 0.094 0.095 nor Type.two.side.1 0.094 0.095 nor Type.two.side.1 0.094 0.094 <th></th> <th>Group</th> <th>N</th> <th>Median</th> <th>Mean.Ranks</th> <th>Sum.Ranks</th> <th>U</th> <th>\mathbf{Z}</th> <th>p.value</th> <th>r</th> <th>magnitude</th>		Group	N	Median	Mean.Ranks	Sum.Ranks	U	\mathbf{Z}	p.value	r	magnitude
Type.greater.1 non-gamified 30 5.00 24.80 744 0279.0 -0.69 0.755 0.097 nor Type.greater.2 ont-gamified 21 5.25 27.71 582.0 279.0 -0.69 0.755 0.097 nor Type.two.sided.1 non-gamified 30 5.00 24.80 744.0 279.0 -0.69 0.755 0.097 nor Type.two.sided.2 non-gamified 21 5.25 27.71 582.0 279.0 -0.69 0.496 0.097 nor Type.two.sided.2 non-gamified Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type.CLRole.less.2 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type.CLRole.greater.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type.CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type.CLRole.greater.2 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.617 0.095 nor non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.617 0.095 nor non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type.CLRole.less.21 0.004 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type.CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type.CLRole.two.sided.1 non-gamified.Apprentice 13 5.75 17.65 229.5 108.5 -0.58 0.799 0.102 sm non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.799 0.102 sm non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.260 0.003 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.033 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.033 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.033 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.033 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.033 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.033 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.033 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.033 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.007 0.038 non-gamifie	pe.less.1	non-gamified	30	5.00	24.80	744.0	279.0	-0.69	0.248	0.097	none
Type, greater. 2 ont-gamified 30 5.00 24.80 744.0 279.0 -0.69 0.755 0.097 nor Type.two.sided. 1 non-gamified 30 5.00 24.80 744.0 279.0 -0.69 0.496 0.097 nor Type.two.sided. 2 ont-gamified Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type. CLRole.less. 1 non-gamified. Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type. CLRole.greater. 1 non-gamified. Master 11 5.00 16.59 182.5 92.5 -0.52 0.699 0.095 nor Type. CLRole.two.sided. 1 non-gamified. Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type. CLRole.two.sided. 1 non-gamified. Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type. CLRole.two.sided. 2 non-gamified. Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type. CLRole.two.sided. 2 non-gamified. Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type. CLRole.less. 11 non-gamified. Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type. CLRole.greater. 21 non-gamified. Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type. CLRole.two.sided. 21 non-gamified. Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type. CLRole.two.sided. 21 non-gamified. Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type. CLRole.greater. 21 non-gamified. Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.766 0.102 sm Type. CLRole.greater. 21 non-gamified. Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.76 0.102 sm Type. CLRole.greater. 22 non-gamified. Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.76 0.102 sm Type. CLRole.greater. 22 non-gamified. Apprentice 19 4.75 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type. CLRole.greater. 22 non-gamified. Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type. CLRole.greater. 23 non-gamified. Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type. CLRole.greater. 23 non-gamified. Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type. CLRole.greater. 23 non-gamified. Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type. CLRole.greater. 23 non-gamified.Master 11 5.00 12.09 133.0	pe.less.2	ont-gamified	21		27.71	582.0	279.0	-0.69	0.248	0.097	none
Type:two.sided.1 non-gamified 30 5.00 24.80 744.0 279.0 -0.69 0.496 0.097 nor Type:two.sided.2 ont-gamified Apprentice 15.25 27.71 582.0 279.0 -0.69 0.496 0.097 nor Type:tCRole.less.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type:CLRole.less.2 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type:CLRole.greater.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type:CLRole.greater.2 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type:CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type:CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type:CLRole.two.sided.2 non-gamified.Apprentice 19 4.75 15.71 282.5 92.5 -0.52 0.617 0.095 nor Type:CLRole.greater.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.two.sided.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.less.22 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.less.22 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.less.22 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.less.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.750 0.149 s	pe.greater.1	non-gamified	30		24.80	744.0	279.0	-0.69	0.755	0.097	none
Type:CLRole.less.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 nor Type:CLRole.less.2 non-gamified.Master 11 5.00 16.59 182.5 92.5 -0.52 0.308 0.095 nor Type:CLRole.greater.1 non-gamified.Master 11 5.00 16.59 182.5 92.5 -0.52 0.308 0.095 nor Type:CLRole.greater.2 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type:CLRole.greater.2 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type:CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.617 0.095 nor Type:CLRole.two.sided.2 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.617 0.095 nor Type:CLRole.less.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.two.sided.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.less.12 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 221.5 0.5 0.5 0.58 0.576 0.102 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 0.5 0.5 0.5 0.576 0.102 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 0.5 0.5 0.5 0.576 0.102 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 0.5 0.5 0.5 0.5 0.576 0.102 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 0.5 0.5 0.5 0.5 0.576 0.102 sm Type:CLRole.greater.13 non-gamified.Apprentice 19 4.75 13.24 251.5 0.5 0.5 0.5 0.5 0.576 0.102 sm Type:CLRole.less.23 non-gamified.Apprentice 19 4.75 13.24 251.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.149 sm Type:CLRole.less.24 non-gamified.Apprentice 13 5.75 12.85 10.0 0.0 0.	pe.greater.2	ont-gamified	21	5.25	27.71	582.0	279.0	-0.69	0.755	0.097	none
Type:CLRole.less.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.308 0.095 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm rype:CLRole.less.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm rype:CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm rype:CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm rype:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm rype:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm rype:CLRole.less.12 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.766 0.102 sm rype:CLRole.less.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm rype:CLRole.less.22 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.less.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm rype:CLRole.less.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm rype:CLRole.less.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm rype:CLRole.less.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm rype:CLRole.less.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm rype:CLRole.less.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm rype:CLRole.less.24 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.809 0.053 non-gamified.Apprenti	pe.two.sided.1	non-gamified	30	5.00	24.80	744.0	279.0	-0.69	0.496	0.097	none
Type:CLRole.less.2 non-gamified.Aprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type:CLRole.greater.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type:CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.617 0.095 nor Type:CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.617 0.095 nor Type:CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.greater.22 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.less.12 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.20 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.greater.13 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.greater.13 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.greater.3 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 0.077 0.456 0.149 sm Type:CLRole.greater.3 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 0.077 0.456 0.149 sm Type:CLRole.greater.3 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 0.26 0.405 0.053 n	pe.two.sided.2	ont-gamified	21	5.25	27.71	582.0	279.0	-0.69	0.496	0.097	none
Type:CLRole.greater.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.699 0.095 nor Type:CLRole.two.sided.1 non-gamified.Master 11 5.00 16.59 182.5 92.5 -0.52 0.699 0.095 nor Type:CLRole.two.sided.1 non-gamified.Master 11 5.00 16.59 182.5 92.5 -0.52 0.617 0.095 nor Type:CLRole.two.sided.2 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.617 0.095 nor Type:CLRole.less.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.11 non-gamified.Apprentice 13 5.75 17.65 229.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 13 5.75 17.65 229.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 13 5.75 17.65 229.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.two.sided.12 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.12 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.405 0.053 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.405 0.053 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.436 0.038 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.436 0.038 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.436 0.038 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.438 0.038 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.430 0.038 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.436 0.038 non-gamified.Master 11	pe:CLRole.less.1	non-gamified.Apprentice	19	4.75	14.87	282.5	92.5	-0.52	0.308	0.095	none
Type:CLRole.two.sided.1 non-gamified.Master 11 5.00 16.59 182.5 92.5 -0.52 0.699 0.095 nor Type:CLRole.two.sided.2 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.617 0.095 nor Type:CLRole.two.sided.2 non-gamified.Master 11 5.00 16.59 182.5 92.5 -0.52 0.617 0.095 nor Type:CLRole.two.sided.2 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.11 non-gamified.Apprentice 13 5.75 17.65 229.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.less.12 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.less.12 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.760 0.149 sm Type:CLRole.greater.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.760 0.149 sm Type:CLRole.greater.3 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.greater.3 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.greater.3 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.greater.24 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.greater.24 non-gamified.Master 11 5.00 9.82 10.80 42.0 -0.17 0.434 0.038 non Type:CLRo	pe:CLRole.less.2	non-gamified.Master	11	5.00	16.59	182.5	92.5	-0.52	0.308	0.095	none
Type:CLRole.two.sided.1 non-gamified.Apprentice 19 4.75 14.87 282.5 92.5 -0.52 0.617 0.095 non Type:CLRole.two.sided.2 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.greater.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.789 0.102 sm Type:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.766 0.102 sm Type:CLRole.greater.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.58 0.576 0.102 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.22 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.22 not-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.greater.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non Type:CLRole.greater.23 ont-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.405 0.053 non Type:CLRole.greater.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.less.24 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.less.24 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non Type:CLRole.less.24 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.430 0.038 non Type:CLRole.greater.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.430 0.038 non Type:CLRole.great	pe:CLRole.greater.1	non-gamified.Apprentice	19	4.75	14.87	282.5	92.5	-0.52	0.699	0.095	none
Type:CLRole.two.sided.2 non-gamified.Master 11 5.00 16.59 182.5 92.5 -0.52 0.617 0.095 non non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.288 0.102 sm Type:CLRole.less.21 ont-gamified.Apprentice 13 5.75 17.65 229.5 108.5 -0.58 0.288 0.102 sm non-gamified.Apprentice 13 5.75 17.65 229.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.two.sided.22 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.228 0.149 sm non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non	pe:CLRole.greater.2	non-gamified.Master	11	5.00	16.59	182.5	92.5	-0.52	0.699	0.095	none
Type:CLRole.less.11	pe:CLRole.two.sided.1	non-gamified.Apprentice	19	4.75	14.87	282.5	92.5	-0.52	0.617	0.095	none
Type:CLRole.less.21 ont-gamified.Apprentice 19 4.75 17.65 229.5 108.5 -0.58 0.288 0.102 sm rype:CLRole.greater.21 ont-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm rype:CLRole.two.sided.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm rype:CLRole.two.sided.21 ont-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm rype:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm rype:CLRole.less.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm rype:CLRole.greater.12 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.228 0.149 sm rype:CLRole.greater.22 not-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.12 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.22 not-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.22 not-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.22 not-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm rype:CLRole.two.sided.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm rype:CLRole.greater.3 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non rype:CLRole.greater.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non rype:CLRole.two.sided.23 not-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non rype:CLRole.two.sided.23 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non rype:CLRole.two.sided.3 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non rype:CLRole.two.sided.3 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non rype:CLRole.greater.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non rype:CLRole.greater.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non rype:CLRole.two.side		non-gamified.Master	11	5.00	16.59	182.5	92.5	-0.52	0.617	0.095	none
Type:CLRole.less.21 ont-gamified.Apprentice 19 4.75 17.65 229.5 108.5 -0.58 0.288 0.102 sm rype:CLRole.greater.21 ont-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm rype:CLRole.two.sided.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm rype:CLRole.two.sided.21 ont-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm rype:CLRole.two.sided.21 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm rype:CLRole.less.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm rype:CLRole.greater.12 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.228 0.149 sm rype:CLRole.greater.22 not-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.12 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.22 not-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.22 not-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm rype:CLRole.two.sided.22 not-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm rype:CLRole.two.sided.23 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm rype:CLRole.greater.3 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non rype:CLRole.greater.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non rype:CLRole.two.sided.23 not-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non rype:CLRole.two.sided.23 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non rype:CLRole.two.sided.3 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non rype:CLRole.two.sided.3 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non rype:CLRole.greater.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non rype:CLRole.greater.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non rype:CLRole.two.side	pe:CLRole.less.11	non-gamified.Apprentice	19	4.75	15.71	298.5	108.5	-0.58	0.288	0.102	small
Type:CLRole.greater.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.greater.21 ont-gamified.Apprentice 13 5.75 17.65 229.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.11 ont-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.two.sided.21 ont-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.less.12 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.less.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.22 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.two.sided.12 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.288 0.149 sm Type:CLRole.two.sided.12 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.22 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.two.sided.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.less.13 0nt-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 not Type:CLRole.greater.13 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 not Type:CLRole.two.sided.13 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.23 ont-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 not Type:CLRole.greater.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 not Type:CLRole.greater.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.572 0.038 not Type:CLRole.two.sided.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 not Type:CLRole.two.sided.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 not Type:CLRole.two.sided.14 no	pe:CLRole.less.21	ont-gamified. Apprentice	13	5.75	17.65	229.5	108.5	-0.58	0.288	0.102	small
Type:CLRole.greater.21 ont-gamified.Apprentice 13 5.75 17.65 229.5 108.5 -0.58 0.719 0.102 sm Type:CLRole.two.sided.21 ont-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.less.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.less.22 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.22 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.greater.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.12 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.less.13 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.less.23 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.less.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.405 0.053 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.572 0.038 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.572 0.038 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.572 0.038 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.566 0.038 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.566 0.038 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.0		non-gamified. Apprentice	19	4.75	15.71	298.5	108.5	-0.58	0.719	0.102	small
Type:CLRole.two.sided.11 non-gamified.Apprentice 19 4.75 15.71 298.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.two.sided.21 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.less.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.greater.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.22 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.less.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non Type:CLRole.greater.13 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.405 0.053 non Type:CLRole.greater.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.greater.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.443 0.038 non Type:CLRole.greater.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.586 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.586 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.586 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8			13	5.75	17.65	229.5	108.5	-0.58	0.719	0.102	$_{ m small}$
Type:CLRole.two.sided.21 ont-gamified.Apprentice 13 5.75 17.65 229.5 108.5 -0.58 0.576 0.102 sm Type:CLRole.less.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 ont-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.greater.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.23 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.less.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non Type:CLRole.greater.23 ont-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.405 0.053 non Type:CLRole.greater.23 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.13 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.23 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.23 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 non Type:CLRole.less.24 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non Type:CLRole.less.24 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.572 0.038 non Type:CLRole.greater.24 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.572 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 non Type:CLRole.two.sided.25 ont-gamified.Maste		non-gamified. Apprentice	19	4.75	15.71	298.5	108.5	-0.58	0.576	0.102	small
Type:CLRole.less.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.less.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.greater.22 nont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.22 not-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.two.sided.22 not-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 not Type:CLRole.greater.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 not Type:CLRole.greater.23 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.13 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.23 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.23 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.23 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.23 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.less.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 not Type:CLRole.less.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.443 0.038 not Type:CLRole.greater.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 not Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 not Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 not Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 not Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 not Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 not Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 8	pe:CLRole.two.sided.21		13	5.75	17.65	229.5	108.5	-0.58	0.576	0.102	small
Type:CLRole.less.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.228 0.149 sm Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.greater.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.12 non-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.two.sided.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.less.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 not Type:CLRole.greater.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 not Type:CLRole.two.sided.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.23 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.two.sided.23 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.less.14 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 not Type:CLRole.less.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 not Type:CLRole.greater.14 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.443 0.038 not Type:CLRole.greater.24 ont-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.572 0.038 not Type:CLRole.greater.24 ont-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 not Type:CLRole.less.15 ont-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 not Type:CLRole.less.25 ont-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 not Type:CLRole.less.25 ont-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 not Type:CLRole.less.25 ont-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.866 0.039 not Type:CLRole.less.25 ont-gamified.Master 8 5.12 10.38 83.0 57.0 0.36 0.646 0.079 not Type:CLRole.less.25 ont-gamified.Apprentice 13 5.75 11.38 148.0 57.0 0.36 0.646 0.079 not Type:CLRole.less.25 ont-gamified.Apprentice 13 5.75 11.38 148.0 57.0 0.36 0.646 0.079 not											small
Type:CLRole.greater.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.greater.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.780 0.149 sm Type:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.two.sided.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.less.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 non Type:CLRole.greater.13 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.405 0.053 non Type:CLRole.greater.23 ont-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.607 0.053 non Type:CLRole.greater.23 ont-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.13 non-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.607 0.053 non Type:CLRole.two.sided.23 ont-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.809 0.053 non Type:CLRole.less.14 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.809 0.053 non Type:CLRole.less.14 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.809 0.053 non Type:CLRole.less.24 ont-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 non Type:CLRole.greater.14 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.443 0.038 non Type:CLRole.greater.24 ont-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.572 0.038 non Type:CLRole.two.sided.14 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 non Type:CLRole.two.sided.24 non-gamified.Master 8 5.12 10.38 83.0 57.0 0.36 0.646 0.079 non Type:CLRole.less.25 ont-gamified.Apprentice 13 5.75 1											small
$ \begin{array}{c} \text{Type:CLRole.greater.22} & \text{ont-gamified.Master} & 8 & 5.12 & 15.81 & 126.5 & 61.5 & -0.77 & 0.780 & 0.149 & \text{sm} \\ \text{Type:CLRole.two.sided.12} & \text{non-gamified.Apprentice} & 19 & 4.75 & 13.24 & 251.5 & 61.5 & -0.77 & 0.456 & 0.149 & \text{sm} \\ \text{Type:CLRole.two.sided.22} & \text{ont-gamified.Master} & 8 & 5.12 & 15.81 & 126.5 & 61.5 & -0.77 & 0.456 & 0.149 & \text{sm} \\ \text{Type:CLRole.two.sided.22} & \text{ont-gamified.Master} & 8 & 5.12 & 15.81 & 126.5 & 61.5 & -0.77 & 0.456 & 0.149 & \text{sm} \\ \text{Type:CLRole.less.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.405 & 0.053 & \text{not-gamified.Apprentice} \\ \text{Type:CLRole.greater.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.607 & 0.053 & \text{not-gamified.Apprentice} \\ \text{Type:CLRole.greater.23} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 12.85 & 167.0 & 67.0 & -0.26 & 0.607 & 0.053 & \text{not-gamified.Master} \\ \text{Type:CLRole.two.sided.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.809 & 0.053 & \text{not-gamified.Master} \\ \text{Type:CLRole.two.sided.23} & \text{ont-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.809 & 0.053 & \text{not-gamified.Master} \\ \text{Type:CLRole.less.14} & \text{non-gamified.Master} & 11 & 5.00 & 9.82 & 108.0 & 42.0 & -0.17 & 0.443 & 0.038 & \text{not-gamified.Master} \\ \text{Type:CLRole.greater.14} & \text{non-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.443 & 0.038 & \text{not-gamified.Master} \\ \text{Type:CLRole.greater.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.572 & 0.038 & \text{not-gamified.Master} \\ \text{Type:CLRole.two.sided.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{not-gamified.Master} \\ \text{Type:CLRole.two.sided.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{not-gamified.Master} \\ \text{Type:CLRole.less.25} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{not-gamified.Master} \\ \text{Type:CLRole.less.25} & ont-gamified.Mast$											small
Type:CLRole.two.sided.12 non-gamified.Apprentice 19 4.75 13.24 251.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.two.sided.22 ont-gamified.Master 8 5.12 15.81 126.5 61.5 -0.77 0.456 0.149 sm Type:CLRole.less.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.405 0.053 nor Type:CLRole.less.23 ont-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.405 0.053 nor Type:CLRole.greater.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 nor Type:CLRole.greater.23 ont-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.607 0.053 nor Type:CLRole.two.sided.13 non-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.607 0.053 nor Type:CLRole.two.sided.23 ont-gamified.Apprentice 13 5.75 12.85 167.0 67.0 -0.26 0.607 0.053 nor Type:CLRole.less.24 ont-gamified.Master 11 5.00 12.09 133.0 67.0 -0.26 0.809 0.053 nor Type:CLRole.less.14 non-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.443 0.038 nor Type:CLRole.greater.14 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.443 0.038 nor Type:CLRole.greater.24 ont-gamified.Master 11 5.00 9.82 108.0 42.0 -0.17 0.572 0.038 nor Type:CLRole.two.sided.14 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.572 0.038 nor Type:CLRole.two.sided.14 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 nor Type:CLRole.two.sided.14 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 nor Type:CLRole.two.sided.14 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 nor Type:CLRole.two.sided.14 non-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 nor Type:CLRole.two.sided.24 ont-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 nor Type:CLRole.two.sided.24 ont-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 nor Type:CLRole.two.sided.24 ont-gamified.Master 8 5.12 10.25 82.0 42.0 -0.17 0.886 0.038 nor Type:CLRole.less.25 ont-gamified.Master 8 5.12 10.38 83.0 57.0 0.36 0.646 0.079 nor Type:CLRole.less.25 ont-gamified.Master 8 5.12 10.38 83.0 57.0 0.36 0.646 0.079 nor											small
$ \begin{array}{c} \text{Type:CLRole.two.sided.22} & \text{ont-gamified.Master} & 8 & 5.12 & 15.81 & 126.5 & 61.5 & -0.77 & 0.456 & 0.149 & \text{sm} \\ \text{Type:CLRole.less.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.405 & 0.053 & \text{non} \\ \text{Type:CLRole.less.23} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 12.85 & 167.0 & 67.0 & -0.26 & 0.405 & 0.053 & \text{non} \\ \text{Type:CLRole.greater.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.607 & 0.053 & \text{non} \\ \text{Type:CLRole.greater.23} & \text{ont-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.607 & 0.053 & \text{non} \\ \text{Type:CLRole.two.sided.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.607 & 0.053 & \text{non} \\ \text{Type:CLRole.two.sided.23} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 12.85 & 167.0 & 67.0 & -0.26 & 0.809 & 0.053 & \text{non} \\ \text{Type:CLRole.less.14} & \text{non-gamified.Master} & 11 & 5.00 & 9.82 & 108.0 & 42.0 & -0.17 & 0.443 & 0.038 & \text{non} \\ \text{Type:CLRole.less.24} & \text{ont-gamified.Master} & 11 & 5.00 & 9.82 & 108.0 & 42.0 & -0.17 & 0.443 & 0.038 & \text{non} \\ \text{Type:CLRole.greater.14} & \text{non-gamified.Master} & 11 & 5.00 & 9.82 & 108.0 & 42.0 & -0.17 & 0.572 & 0.038 & \text{non} \\ \text{Type:CLRole.greater.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.572 & 0.038 & \text{non} \\ \text{Type:CLRole.two.sided.14} & \text{non-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{non} \\ \text{Type:CLRole.two.sided.14} & \text{non-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{non} \\ \text{Type:CLRole.two.sided.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{non} \\ \text{Type:CLRole.less.15} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{non} \\ \text{Type:CLRole.less.25} & \text{ont-gamified.Master} & 8 & 5.12 & 10.38 & 83.0 & 57.0 & 0.36 & 0.646 & 0.079 & \text{non} \\ \text{Type:CLRole.less.25} & \text{ont-gamified.Master} & 8 & 5.12 & 10.38 & 83.0 & 57.0 & 0.36 & 0.646 & 0.079 & \text{non} \\ T$											small
$ \begin{array}{c} \text{Type:CLRole.less.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.405 & 0.053 & \text{not} \\ \text{Type:CLRole.less.23} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 12.85 & 167.0 & 67.0 & -0.26 & 0.405 & 0.053 & \text{not} \\ \text{Type:CLRole.greater.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.607 & 0.053 & \text{not} \\ \text{Type:CLRole.greater.23} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 12.85 & 167.0 & 67.0 & -0.26 & 0.607 & 0.053 & \text{not} \\ \text{Type:CLRole.two.sided.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.809 & 0.053 & \text{not} \\ \text{Type:CLRole.two.sided.23} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 12.85 & 167.0 & 67.0 & -0.26 & 0.809 & 0.053 & \text{not} \\ \text{Type:CLRole.less.14} & \text{non-gamified.Master} & 11 & 5.00 & 9.82 & 108.0 & 42.0 & -0.17 & 0.443 & 0.038 & \text{not} \\ \text{Type:CLRole.less.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.443 & 0.038 & \text{not} \\ \text{Type:CLRole.greater.14} & \text{non-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.572 & 0.038 & \text{not} \\ \text{Type:CLRole.two.sided.14} & \text{non-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.572 & 0.038 & \text{not} \\ \text{Type:CLRole.two.sided.14} & \text{non-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.572 & 0.038 & \text{not} \\ \text{Type:CLRole.two.sided.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.586 & 0.038 & \text{not} \\ \text{Type:CLRole.two.sided.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{not} \\ \text{Type:CLRole.less.15} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{not} \\ \text{Type:CLRole.less.15} & \text{ont-gamified.Master} & 8 & 5.12 & 10.28 & 83.0 & 57.0 & 0.36 & 0.646 & 0.079 & \text{not} \\ \text{Type:CLRole.less.25} & \text{ont-gamified.Master} & 8 & 5.12 & 10.38 & 83.0 & 57.0 & 0.36 & 0.646 & 0.079 & \text{not} \\ \text{Type:CLRole.greater.15} & \text{ont-gamified.Master} & 8 & 5.12 & 10.38 & 83.0 & 57.0 & 0.36 & 0.646 & 0.079 & \text{not} \\ $											small
$ \begin{array}{c} \text{Type:CLRole.less.23} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 12.85 & 167.0 & 67.0 & -0.26 & 0.405 & 0.053 & \text{not} \\ \text{Type:CLRole.greater.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.607 & 0.053 & \text{not} \\ \text{Type:CLRole.greater.23} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 12.85 & 167.0 & 67.0 & -0.26 & 0.607 & 0.053 & \text{not} \\ \text{Type:CLRole.two.sided.13} & \text{non-gamified.Master} & 11 & 5.00 & 12.09 & 133.0 & 67.0 & -0.26 & 0.809 & 0.053 & \text{not} \\ \text{Type:CLRole.two.sided.23} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 12.85 & 167.0 & 67.0 & -0.26 & 0.809 & 0.053 & \text{not} \\ \text{Type:CLRole.less.14} & \text{non-gamified.Master} & 11 & 5.00 & 9.82 & 108.0 & 42.0 & -0.17 & 0.443 & 0.038 & \text{not} \\ \text{Type:CLRole.less.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.443 & 0.038 & \text{not} \\ \text{Type:CLRole.greater.14} & \text{non-gamified.Master} & 11 & 5.00 & 9.82 & 108.0 & 42.0 & -0.17 & 0.572 & 0.038 & \text{not} \\ \text{Type:CLRole.greater.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.572 & 0.038 & \text{not} \\ \text{Type:CLRole.two.sided.14} & \text{non-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{not} \\ \text{Type:CLRole.two.sided.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{not} \\ \text{Type:CLRole.two.sided.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{not} \\ \text{Type:CLRole.two.sided.24} & \text{ont-gamified.Master} & 8 & 5.12 & 10.25 & 82.0 & 42.0 & -0.17 & 0.886 & 0.038 & \text{not} \\ \text{Type:CLRole.less.15} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 11.38 & 148.0 & 57.0 & 0.36 & 0.646 & 0.079 & \text{not} \\ \text{Type:CLRole.less.25} & \text{ont-gamified.Master} & 8 & 5.12 & 10.38 & 83.0 & 57.0 & 0.36 & 0.646 & 0.079 & \text{not} \\ \text{Type:CLRole.greater.15} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 11.38 & 148.0 & 57.0 & 0.36 & 0.367 & 0.079 & \text{not} \\ \text{Type:CLRole.greater.15} & \text{ont-gamified.Apprentice} & 13 & 5.75 & 11.38 & 148.0 & 57.0 & 0.36 & 0.367$											none
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Type:CLRole.greater.15 ont-gamified.Apprentice 13 5.75 11.38 148.0 57.0 0.36 0.367 0.079 nor											none
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Type:CI Relegranter 25 ant comified Master 8 5.19 10.38 83.0 57.0 0.36 0.367 0.070 no.	pe:CLRole.greater.25	ont-gamified.Apprentice	8	5.12	10.38	83.0	57.0	0.36	0.367	0.079	none

Table 2: (continued)

	Group	N	Median	Mean.Ranks	Sum.Ranks	U	Z	p.value	r	magnitude
Type:CLRole.two.sided.15	ont-gamified.Apprentice	13	5.75	11.38	148.0	57.0	0.36	0.735	0.079	none
Type:CLRole.two.sided.25	ont-gamified.Master	8	5.12	10.38	83.0	57.0	0.36	0.735	0.079	none