1 Summaries of Nonparametric Statistics Analysis for the improvement of right answers (Gain Score) from the pre-test to post-test

Table 1: Summary of Kruskal-Wallis rank test results for the improvement of right answers (Gain Score) from the pre-test to post-test

	chi.square	df	p.value	Sig
Age	0.335	2	0.846	
Sex	1.391	1	0.238	
LikeDomainContent	0.258	1	0.612	
LikeActionGames	1.360	1	0.244	
LikeAdventureGames	0.192	1	0.661	
LikeFightingGames	0.084	1	0.772	
LikeFictionGames	0.964	1	0.326	
LikePlatformerGames	0.060	1	0.806	
LikePuzzleGames	0.473	1	0.492	
LikeRacingGames	0.001	1	0.971	
LikeMusicalGames	0.321	1	0.571	
LikeShooterGames	0.031	1	0.861	
LikeSportsGames	1.754	1	0.185	
LikeStrategyGames	0.114	1	0.736	
LikeNovelGames	0.294	1	0.587	

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

2 Wilcoxon Pairs Statistics Analysis for the improvement of right answers (Gain Score) from the pre-test to post-test

Table 2: Descriptive statistic of the pair wilcoxon analysis for the improvement of right answers (Gain Score) from the pre-test to post-test

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