

1 Summaries of Nonparametric Statistics Analysis for the Interest/Enjoyment

Table 1: Summary of Kruskal-Wallis rank test results for the Interest/Enjoyment

	chi.square	df	p.value	Sig
Age	0.233	2	0.890	
Sex	0.510	1	0.475	
AcademicDegree	2.081	2	0.353	
KnownDomainContent	3.655	1	0.056	
LikeDomainContent	6.133	1	0.013	*
LikeActionGames	0.058	1	0.810	
LikeAdventureGames	0.496	1	0.481	
LikeFightingGames	0.201	1	0.654	
LikeFictionGames	0.952	1	0.329	
LikePlatformerGames	2.606	1	0.106	
LikePuzzleGames	0.001	1	0.976	
LikeRacingGames	1.613	1	0.204	
LikeMusicalGames	0.654	1	0.419	
LikeMMORPGGames	1.805	1	0.179	
LikeShooterGames	3.629	1	0.057	
LikeSimulationGames	0.077	1	0.781	
LikeSportsGames	0.028	1	0.867	
LikeStrategyGames	0.410	1	0.522	
LikeNovelGames	0.043	1	0.836	

Signif. codes: 0 “***” 0.01 “*” 0.05

2 Wilcoxon Pairs Statistics Analysis for the Interest/Enjoyment

Table 2: Descriptive statistic of the pair wilcoxon analysis for the Interest/Enjoyment

	Group	N	Median	Mean.Ranks	Sum.Ranks	U	Z	p.value	r	magnitude
KnownDomainContent.KnownDomainContent.no;yes.less.1	no	25	4.17	21.18	529.5	204.5	-1.91	0.028	0.273	small
KnownDomainContent.KnownDomainContent.no;yes.less.2	yes	24	5.33	28.98	695.5	204.5	-1.91	0.028	0.273	small
LikeDomainContent.LikeDomainContent.no;yes.less.1	no	26	4.25	20.25	526.5	175.5	-2.48	0.006	0.354	medium
LikeDomainContent.LikeDomainContent.no;yes.less.2	yes	23	5.50	30.37	698.5	175.5	-2.48	0.006	0.354	medium
LikeDomainContent.LikeDomainContent.no;yes.two.sided.1	no	26	4.25	20.25	526.5	175.5	-2.48	0.013	0.354	medium
LikeDomainContent.LikeDomainContent.no;yes.two.sided.2	yes	23	5.50	30.37	698.5	175.5	-2.48	0.013	0.354	medium
LikeShooterGames.LikeShooterGames.no;yes.greater.1	no	26	5.25	28.65	745.0	394.0	1.90	0.028	0.272	small
LikeShooterGames.LikeShooterGames.no;yes.greater.2	yes	23	4.33	20.87	480.0	394.0	1.90	0.028	0.272	small

Signif. codes: 0 ‘***’ 0.01 ‘*’ 0.05