

1 Summaries of Nonparametric Statistics Analysis for the Value/Usefulness

Table 1: Summary of Kruskal-Wallis rank test results for the Value/Usefulness

	chi.square	df	p.value	Sig
Age	1.119	2	0.572	
Sex	2.111	1	0.146	
AcademicDegree	1.436	2	0.488	
KnownDomainContent	0.033	1	0.857	
LikeDomainContent	4.489	1	0.034	*
LikeActionGames	0.116	1	0.733	
LikeAdventureGames	0.266	1	0.606	
LikeFightingGames	0.096	1	0.757	
LikeFictionGames	1.122	1	0.289	
LikePlatformerGames	0.063	1	0.802	
LikePuzzleGames	0.916	1	0.339	
LikeRacingGames	1.379	1	0.240	
LikeMusicalGames	0.008	1	0.929	
LikeMMORPGGames	0.169	1	0.681	
LikeShooterGames	4.489	1	0.034	*
LikeSimulationGames	0.055	1	0.814	
LikeSportsGames	0.254	1	0.614	
LikeStrategyGames	4.302	1	0.038	*
LikeNovelGames	0.370	1	0.543	

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

2 Wilcoxon Pairs Statistics Analysis for the Value/Usefulness

Table 2: Descriptive statistic of the pair wilcoxon analysis for the Value/Usefulness

	Group	N	Median	Mean.Ranks	Sum.Ranks	U	Z	p.value	r	magnitude
LikeDomainContent.LikeDomainContent.no;yes.less.1	no	26	4.9	20.94	544.5	193.5	-2.12	0.017	0.303	medium
LikeDomainContent.LikeDomainContent.no;yes.less.2	yes	23	6.0	29.59	680.5	193.5	-2.12	0.017	0.303	medium
LikeDomainContent.LikeDomainContent.no;yes.two.sided.1	no	26	4.9	20.94	544.5	193.5	-2.12	0.034	0.303	medium
LikeDomainContent.LikeDomainContent.no;yes.two.sided.2	yes	23	6.0	29.59	680.5	193.5	-2.12	0.034	0.303	medium
LikeShooterGames.LikeShooterGames.no;yes.greater.1	no	26	5.8	29.06	755.5	404.5	2.12	0.017	0.303	medium
LikeShooterGames.LikeShooterGames.no;yes.greater.2	yes	23	4.4	20.41	469.5	404.5	2.12	0.017	0.303	medium
LikeShooterGames.LikeShooterGames.no;yes.two.sided.1	no	26	5.8	29.06	755.5	404.5	2.12	0.034	0.303	medium
LikeShooterGames.LikeShooterGames.no;yes.two.sided.2	yes	23	4.4	20.41	469.5	404.5	2.12	0.034	0.303	medium
LikeStrategyGames.LikeStrategyGames.no;yes.less.1	no	12	4.0	17.58	211.0	133.0	-2.07	0.019	0.296	small
LikeStrategyGames.LikeStrategyGames.no;yes.less.2	yes	37	5.6	27.41	1014.0	133.0	-2.07	0.019	0.296	small
LikeStrategyGames.LikeStrategyGames.no;yes.two.sided.1	no	12	4.0	17.58	211.0	133.0	-2.07	0.037	0.296	small
LikeStrategyGames.LikeStrategyGames.no;yes.two.sided.2	yes	37	5.6	27.41	1014.0	133.0	-2.07	0.037	0.296	small

Signif. codes: 0 ‘***’ 0.01 ‘*’ 0.05