

# 1 Summaries of Nonparametric Statistics Analysis for the Perceived Choice

Table 1: Summary of Kruskal-Wallis rank test results for the Perceived Choice

	chi.square	df	p.value	Sig
Age	1.330	2	0.514	
Sex	0.227	1	0.633	
AcademicDegree	1.612	2	0.447	
KnownDomainContent	0.001	1	0.978	
LikeDomainContent	0.614	1	0.433	
LikeActionGames	0.636	1	0.425	
LikeAdventureGames	1.920	1	0.166	
LikeFightingGames	0.641	1	0.423	
LikeFictionGames	0.066	1	0.798	
LikePlatformerGames	0.239	1	0.625	
LikePuzzleGames	5.834	1	0.016	*
LikeRacingGames	0.146	1	0.703	
LikeMusicalGames	2.520	1	0.112	
LikeMMORPGGames	0.231	1	0.631	
LikeShooterGames	0.003	1	0.955	
LikeSimulationGames	0.529	1	0.467	
LikeSportsGames	0.477	1	0.490	
LikeStrategyGames	0.050	1	0.824	
LikeNovelGames	1.676	1	0.195	

Signif. codes: 0 “\*\*\*” 0.01 “\*\*” 0.05

# 2 Wilcoxon Pairs Statistics Analysis for the Perceived Choice

Table 2: Descriptive statistic of the pair wilcoxon analysis for the Perceived Choice

	Group	N	Median	Mean.Ranks	Sum.Ranks	U	Z	p.value	r	magnitude
LikePuzzleGames.LikePuzzleGames.no:yes.less.1	no	19	6.75	16.97	322.5	132.5	-2.42	0.008	0.373	medium
LikePuzzleGames.LikePuzzleGames.no:yes.less.2	yes	23	7.00	25.24	580.5	132.5	-2.42	0.008	0.373	medium
LikePuzzleGames.LikePuzzleGames.no:yes.two.sided.1	no	19	6.75	16.97	322.5	132.5	-2.42	0.015	0.373	medium
LikePuzzleGames.LikePuzzleGames.no:yes.two.sided.2	yes	23	7.00	25.24	580.5	132.5	-2.42	0.015	0.373	medium

Signif. codes: 0 ‘\*\*\*’ 0.01 ‘\*’ 0.05