1 Summaries of Nonparametric Statistics Analysis for the spending time

Table 1: Summary of Kruskal-Wallis rank test results for the spending time

	chi.square	df	p.value	Sig
Age	3.324	2	0.190	
Sex	0.030	1	0.861	
AcademicDegree	4.499	2	0.105	
KnownDomainContent	0.524	1	0.469	
LikeDomainContent	0.000	1	0.983	
LikeActionGames	0.000	1	0.984	
LikeAdventureGames	1.276	1	0.259	
LikeFightingGames	3.896	1	0.048	*
LikeFictionGames	4.649	1	0.031	*
LikePlatformerGames	1.491	1	0.222	
LikePuzzleGames	0.766	1	0.381	
LikeRacingGames	0.091	1	0.763	
LikeMusicalGames	0.094	1	0.759	
LikeMMORPGGames	0.387	1	0.534	
LikeShooterGames	0.689	1	0.407	
LikeSimulationGames	0.808	1	0.369	
LikeSportsGames	0.093	1	0.761	
LikeStrategyGames	1.852	1	0.174	
LikeNovelGames	4.891	1	0.027	*

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

2 Wilcoxon Pairs Statistics Analysis for the spending time

Table 2: Descriptive statistic of the pair wilcoxon analysis for the spend-ing time

	Group	N	Median	Mean.Ranks	Sum.Ranks	U	Z	p.value
Age.Age.adolescence:emerging-adulthood.less.1	adolescence	9	15	15.06	135.5	90.5	−1.69	0.047
Age.Age.adolescence:emerging-adulthood.less.2	emerging-adulthood	32	20	22.67	725.5	90.5	−1.69	0.047
AcademicDegree.AcademicDegree.basic-school:undergraduate.less.1	basic-school	9	5	14.89	134.0	89.0	−1.92	0.028
AcademicDegree.AcademicDegree.basic-school:undergraduate.less.2	undergraduate	34	20	23.88	812.0	89.0	−1.92	0.028
LikeFightingGames.LikeFightingGames.no:yes.less.1	no	33	15	21.82	720.0	159.0	−1.97	0.024
LikeFightingGames.LikeFightingGames.no:yes.less.2	yes	15	27	30.40	456.0	159.0	−1.97	0.024
LikeFightingGames.LikeFightingGames.no:yes.two.sided.1	no	33	15	21.82	720.0	159.0	−1.97	0.048
LikeFightingGames.LikeFightingGames.no:yes.two.sided.2	yes	15	27	30.40	456.0	159.0	−1.97	0.048
LikeFictionGames.LikeFictionGames.no:yes.less.1	no	29	15	20.98	608.5	173.5	−2.16	0.015
LikeFictionGames.LikeFictionGames.no:yes.less.2	yes	19	25	29.87	567.5	173.5	−2.16	0.015
LikeFictionGames.LikeFictionGames.no:yes.two.sided.1	no	29	15	20.98	608.5	173.5	−2.16	0.031
LikeFictionGames.LikeFictionGames.no:yes.two.sided.2	yes	19	25	29.87	567.5	173.5	−2.16	0.031
LikeNovelGames.LikeNovelGames.no:yes.less.1	no	39	15	22.36	872.0	92.0	−2.21	0.013
LikeNovelGames.LikeNovelGames.no:yes.less.2	yes	9	25	33.78	304.0	92.0	−2.21	0.013
LikeNovelGames.LikeNovelGames.no:yes.two.sided.1	no	39	15	22.36	872.0	92.0	−2.21	0.026
LikeNovelGames.LikeNovelGames.no:yes.two.sided.2	yes	9	25	33.78	304.0	92.0	−2.21	0.026

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