

1 Summaries of Nonparametric Statistics Analysis for the Intrinsic Motivation

Table 1: Summary of Kruskal-Wallis rank test results for the Intrinsic Motivation

	chi.square	df	p.value	Sig
Age	2.233	2	0.327	
Sex	2.454	1	0.117	
LikeDomainContent	2.286	1	0.131	
LikeActionGames	1.451	1	0.228	
LikeAdventureGames	0.437	1	0.509	
LikeFightingGames	1.039	1	0.308	
LikeFictionGames	0.050	1	0.823	
LikePlatformerGames	3.613	1	0.057	
LikePuzzleGames	1.252	1	0.263	
LikeRacingGames	0.550	1	0.459	
LikeMusicalGames	1.202	1	0.273	
LikeShooterGames	0.007	1	0.933	
LikeSportsGames	0.094	1	0.759	
LikeStrategyGames	4.690	1	0.030	*
LikeNovelGames	0.031	1	0.861	

Signif. codes: 0 “***” 0.01 “*” 0.05

2 Wilcoxon Pairs Statistics Analysis for the Intrinsic Motivation

Table 2: Descriptive statistic of the pair wilcoxon analysis for the Intrinsic Motivation

	Group	N	Median	Mean.Ranks	Sum.Ranks	U	Z	p.value	r	magnitude
LikePlatformerGames.LikePlatformerGames.no:yes.greater.1	no	11	5.12	12.09	133.0	67.0	1.90	0.029	0.436	medium
LikePlatformerGames.LikePlatformerGames.no:yes.greater.2	yes	8	4.26	7.12	57.0	67.0	1.90	0.029	0.436	medium
LikeStrategyGames.LikeStrategyGames.no:yes.less.1	no	9	4.40	7.06	63.5	18.5	-2.17	0.015	0.497	medium
LikeStrategyGames.LikeStrategyGames.no:yes.less.2	yes	10	5.22	12.65	126.5	18.5	-2.17	0.015	0.497	medium
LikeStrategyGames.LikeStrategyGames.no:yes.two.sided.1	no	9	4.40	7.06	63.5	18.5	-2.17	0.029	0.497	medium
LikeStrategyGames.LikeStrategyGames.no:yes.two.sided.2	yes	10	5.22	12.65	126.5	18.5	-2.17	0.029	0.497	medium

Signif. codes: 0 ‘***’ 0.01 ‘*’ 0.05