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	1.285	2	0.526	
Sex	0.542	1	0.461	
AcademicDegree	4.096	2	0.129	
KnownDomainContent	2.500	1	0.114	
LikeDomainContent	4.182	1	0.041	*
LikeActionGames	0.073	1	0.787	
LikeAdventureGames	1.105	1	0.293	
LikeFightingGames	0.710	1	0.399	
LikeFictionGames	1.493	1	0.222	
LikePlatformerGames	3.551	1	0.059	
LikePuzzleGames	0.170	1	0.680	
LikeRacingGames	0.851	1	0.356	
LikeMusicalGames	0.071	1	0.790	
LikeMMORPGGames	2.605	1	0.107	
LikeShooterGames	2.508	1	0.113	
LikeSimulationGames	0.004	1	0.949	
LikeSportsGames	0.039	1	0.843	
LikeStrategyGames	2.149	1	0.143	
LikeNovelGames	0.772	1	0.380	

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	
AcademicDegree.AcademicDegree.basic-school:undergraduate.less.1	basic-school	10	4.05	15.40	154	99	−1.99	0.023	0.
AcademicDegree.AcademicDegree.basic-school:undergraduate.less.2	undergraduate	34	5.12	24.59	836	99	−1.99	0.023	0.
AcademicDegree.AcademicDegree.basic-school:undergraduate.two.sided.1	basic-school	10	4.05	15.40	154	99	−1.99	0.046	0.
AcademicDegree.AcademicDegree.basic-school:undergraduate.two.sided.2	undergraduate	34	5.12	24.59	836	99	−1.99	0.046	0.
LikeDomainContent.LikeDomainContent.no:yes.less.1	no	26	4.67	21.08	548	197	−2.04	0.020	0.
LikeDomainContent.LikeDomainContent.no:yes.less.2	yes	23	5.76	29.43	677	197	−2.04	0.020	0.
LikeDomainContent.LikeDomainContent.no:yes.two.sided.1	no	26	4.67	21.08	548	197	−2.04	0.041	0.
LikeDomainContent.LikeDomainContent.no:yes.two.sided.2	yes	23	5.76	29.43	677	197	−2.04	0.041	0.
LikePlatformerGames.LikePlatformerGames.no:yes.less.1	no	26	4.62	21.38	556	205	−1.88	0.030	0.
LikePlatformerGames.LikePlatformerGames.no:yes.less.2	yes	23	5.24	29.09	669	205	−1.88	0.030	0.

Signif. codes: 0 “**” 0.01 “*” 0.05