# 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 | 0.580 | 2 | 0.748 | |
| Sex | 4.079 | 1 | 0.043 | * |
| LikeDomainContent | 0.007 | 1 | 0.935 | |
| LikeActionGames | 0.138 | 1 | 0.710 | |
| LikeAdventureGames | 2.611 | 1 | 0.106 | |
| LikeFightingGames | 0.699 | 1 | 0.403 | |
| LikeFictionGames | 0.617 | 1 | 0.432 | |
| LikePlatformerGames | 3.632 | 1 | 0.057 | |
| LikePuzzleGames | 0.003 | 1 | 0.955 | |
| LikeRacingGames | 0.000 | 1 | 1.000 | |
| LikeMusicalGames | 0.537 | 1 | 0.464 | |
| LikeShooterGames | 1.728 | 1 | 0.189 | |
| LikeSportsGames | 0.327 | 1 | 0.567 | |
| LikeStrategyGames | 0.002 | 1 | 0.967 | |
| LikeNovelGames | 0.380 | 1 | 0.538 | |

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 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sex.Sex.female:male.less.1 | female | 3 | 4.50 | 4.00 | 12 | 6 | −2.02 | 0.022 | 0.463 | medium |
| Sex.Sex.female:male.less.2 | male | 16 | 5.92 | 11.12 | 178 | 6 | −2.02 | 0.022 | 0.463 | medium |
| Sex.Sex.female:male.two.sided.1 | female | 3 | 4.50 | 4.00 | 12 | 6 | −2.02 | 0.045 | 0.463 | medium |
| Sex.Sex.female:male.two.sided.2 | male | 16 | 5.92 | 11.12 | 178 | 6 | −2.02 | 0.045 | 0.463 | medium |
| LikePlatformerGames.LikePlatformerGames.no:yes.greater.1 | no | 11 | 6.00 | 12.09 | 133 | 67 | 1.91 | 0.029 | 0.437 | medium |
| LikePlatformerGames.LikePlatformerGames.no:yes.greater.2 | yes | 8 | 4.92 | 7.12 | 57 | 67 | 1.91 | 0.029 | 0.437 | medium |

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