1 Summaries of Parametric Statistics Analysis for the scores of Interest/Enjoyment

Table 1: Summary of one-way ANOVA results for the scores of Interest/Enjoyment $\,$

	Sum Sq	Df	F value	Pr(>F)	Sig
Age.(Intercept)	662.616	1	294.549	0.000	
Age.Age	1.181	2	0.262	0.770	
Age.Residuals	103.481	46			
Sex.(Intercept)	796.852	1	538.387	0.000	
Sex.Sex	5.092	1	3.440	0.071	
Sex.Residuals	62.163	42			
AcademicDegree.(Intercept)	538.493	1	246.998	0.000	
AcademicDegree.AcademicDegree	4.375	2	1.003	0.375	
AcademicDegree.Residuals	100.287	46			
KnownDomainContent.(Intercept)	1025.921	1	502.879	0.000	
Known Domain Content. Known Domain Content	8.778	1	4.303	0.044	*
KnownDomainContent.Residuals	95.884	47			
LikeDomainContent.(Intercept)	1045.082	1	705.542	0.000	
LikeDomainContent.LikeDomainContent	7.729	1	5.218	0.027	*
LikeDomainContent.Residuals	63.694	43			
LikeActionGames.(Intercept)	1022.374	1	459.381	0.000	
LikeActionGames.LikeActionGames	0.061	1	0.028	0.869	
LikeActionGames.Residuals	104.601	47			
LikeAdventureGames.(Intercept)	904.477	1	411.810	0.000	
LikeAdventureGames.LikeAdventureGames	1.434	1	0.653	0.423	
LikeAdventureGames.Residuals	103.228	47			
LikeFightingGames.(Intercept)	912.628	1	411.404	0.000	
LikeFightingGames.LikeFightingGames	0.401	1	0.181	0.673	
LikeFightingGames.Residuals	104.261	47			
LikeFictionGames.(Intercept)	1008.492	1	556.779	0.000	
LikeFictionGames.LikeFictionGames	3.527	1	1.947	0.170	
LikeFictionGames.Residuals	81.508	45			
LikePlatformerGames.(Intercept)	1044.560	1	605.364	0.000	
LikePlatformerGames.LikePlatformerGames	7.388	1	4.281	0.044	*
LikePlatformerGames.Residuals	77.648	45			
LikePuzzleGames.(Intercept)	1026.187	1	543.063	0.000	
LikePuzzleGames.LikePuzzleGames	0.002	1	0.001	0.972	
LikePuzzleGames.Residuals	85.033	45			
LikeRacingGames.(Intercept)	822.011	1	384.937	0.000	
LikeRacingGames.LikeRacingGames	4.296	1	2.012	0.163	
LikeRacingGames.Residuals	100.366	47			
LikeMusicalGames.(Intercept)	814.456	1	432.988	0.000	
LikeMusicalGames.LikeMusicalGames	0.390	1	0.207	0.651	
LikeMusicalGames.Residuals	84.646	45			
LikeMMORPGGames.(Intercept)	1012.822	1	508.550	0.000	

Table 1: (continued)

	Sum Sq	Df	F value	Pr(>F)	Sig
LikeMMORPGGames.LikeMMORPGGames	3.440	1	1.727	0.195	
LikeMMORPGGames.Residuals	91.613	46			
LikeShooterGames.(Intercept)	1007.787	1	488.800	0.000	
${\bf Like Shooter Games. Like Shooter Games}$	7.760	1	3.764	0.058	
LikeShooterGames.Residuals	96.903	47			
Like Simulation Games. (Intercept)	899.901	1	404.115	0.000	
${\bf Like Simulation Games. Like Simulation Games}$	0.001	1	0.000	0.987	
LikeSimulationGames.Residuals	104.662	47			
LikeSportsGames.(Intercept)	436.156	1	195.883	0.000	
LikeSportsGames.LikeSportsGames	0.011	1	0.005	0.944	
LikeSportsGames.Residuals	104.651	47			
LikeStrategyGames.(Intercept)	724.196	1	329.424	0.000	
${\bf Like Strategy Games. Like Strategy Games}$	1.339	1	0.609	0.439	
LikeStrategyGames.Residuals	103.323	47			
LikeNovelGames.(Intercept)	611.934	1	274.802	0.000	
Like Novel Games. Like Novel Games	0.002	1	0.001	0.978	
LikeNovelGames.Residuals	104.660	47			

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

Table 2: Descriptive statistics and Tukey post-hoc test results for the scores of Interest/Enjoyment $\,$

$\begin{array}{cccccccccccccccccccccccccccccccccccc$		Z	mean	lsmean	SE	ф	lwr.CI	upr.CI	t.ratio	p.value	p.ajd	20	\sin	mag
bood seence - adulthood 17 4.190 4.190 0.567 46 3.049 5.332 seence - adulthood 17 0.476 0.476 0.739 -1.314 2.266 0.644 0.797 0.797 seence - adulthood 12 4.667 0.476 0.739 -1.314 2.266 0.644 0.797 0.797 seence - adulthood 12 4.667 0.047 0.543 -1.269 1.363 0.086 0.996 0.996 bood1 17 4.190 4.190 0.567 46 4.086 5.153 0.086 0.996 0.996 bood1 18 2.4620 0.265 46 4.086 5.153 0.086 0.996 0.996 bood1 19 2.429 0.0429 0.265 46 4.086 5.153 0.086 0.996 0.996 e 10 5.483 0.467 0.265 46 4.086 5.153 0.077 0.265 40 0.265 4.090 0.265 4.	Age.adolescence	10	4.667	4.667	0.474	46	3.712	5.621						
seence - adulthood	Age.adulthood	7	4.190	4.190	0.567	46	3.049	5.332						
seence I beging-adulthood	Age.adolescence - adulthood	17	0.476	0.476	0.739		-1.314	2.266	0.644	0.797	0.797	0.261		
ging-adulthood 32 4.620 4.620 0.265 46 4.086 5.153 scence - emerging-adulthood 7 4.190 0.447 0.447 0.447 0.447 0.448 0.567 46 3.049 5.332 scence - emerging-adulthood 39 -0.429 -0.429 0.626 46 4.086 5.153 0.086 0.773 0.773 e - male 10 5.483 5.483 0.885 42 4.707 6.260 0.077 0.773 0.773 Degree basic-school 10 5.483 5.483 0.885 42 4.707 6.260 0.773 0.773 0.773 Degree basic-school 10 3.983 3.983 0.487 4.251 5.093 0.778 0.778 Degree basic-school 10 3.983 3.983 0.467 46 3.047 4.923 0.783 0.778 0.778 Degree basic-school 10 3.983 3.983 0.467 46 3.24<	Age.adolescence1	10	4.667	4.667	0.474	46	3.712	5.621						
scence - emerging-adulthood 42 0.047 0.543 -1.269 1.363 0.086 0.996 0.996 hood1 7 4.190 4.190 0.567 46 3.049 5.332 0.086 0.996 0.996 hood1 83 4.672 4.620 0.265 46 4.086 5.153 0.073 0.773 0.773 e- male and adulthood 10 5.483 0.085 0.285 42 4.707 0.209 42 4.707 0.209 42 4.251 0.093 0.071 0.071 0.071 0.071 0.093 0.085 0.0071 0.007	Age.emerging-adulthood	32	4.620	4.620	0.265	46	4.086	5.153						
boodl 5 4.620 4.620 0.265 46 4.086 5.153 blood - emerging-adulthood	Age.adolescence - emerging-adulthood	42	0.047	0.047	0.543		-1.269	1.363	0.086	0.996	0.996	0.032		
ging-adulthood1 32 4.620 4.620 0.265 46 4.086 5.153 hood - emerging-adulthood 39 -0.429 -0.429 0.626 -1.945 1.086 -0.686 0.773 0.773 e - male e - male e - male e - male begree. basic-school 10 3.983 3.983 0.467 46 3.043 4.923 Degree. basic-school 10 3.983 3.983 0.467 46 3.043 4.923 Degree. basic-school 10 3.983 3.983 0.467 46 3.043 4.923 Degree. basic-school 10 3.983 3.983 0.467 46 3.043 4.923 Degree. basic-school 10 3.983 3.983 0.467 46 3.043 4.923 Degree. basic-school 10 3.983 3.983 0.467 46 3.043 4.923 Degree. basic-school Degree. basic-school 10 3.983 3.983 0.467 46 3.043 4.923 Degree. basic-school 10 3.983 3.983 0.467 46 3.043 4.923 Degree. basic-school Degree. basic-school 10 3.983 3.983 0.467 46 3.043 4.923 Degree. basic-school Degree. basic-school 10 3.984 4.735 0.253 46 4.226 5.245 Degree. postgraduate 13 4.735 4.735 0.253 46 4.226 5.245 Degree. postgraduate 14 0.752 0.752 0.753 0.253 46 4.226 Degree. postgraduate 15 0.0135 0.0135 0.029 47 4.413 5.587 Degree. postgraduate 16 0.980 0.980 Degree. postgraduate 17 0.084 0.095 0.295 47 4.413 5.587 Degree. postgraduate 18 0.0847 0.084 0.295 43 3.84 4.918 Degree. postgraduate 19 0.087 0.295 47 4.413 5.587 Degree. postgraduate 19 0.087 0.295 47 4.413 5.587 Degree. postgraduate 19 0.087 0.295 47 4.413 5.587 Degree. postgraduate 19 0.0847 0.084 0.295 43 3.84 4.918 Degree. postgraduate 19 0.087 0.295 44 4.918	Age.adulthood1	7	4.190	4.190	0.567	46	3.049	5.332						
hood - emerging-adulthood 39 -0.429 -0.429 0.626 -1.945 1.086 -0.686 0.773 0.773 e e	Age.emerging-adulthood1	32	4.620	4.620	0.265	46	4.086	5.153						
e - male e - male 4	Age.adulthood - emerging-adulthood	39	-0.429	-0.429	0.626		-1.945	1.086	-0.686	0.773	0.773	-0.289		
e - male 4	Sex.female	10	5.483	5.483	0.385	42	4.707	6.260						
10	Sex.male	34	4.672	4.672	0.209	42	4.251	5.093						
Lebostgraduate	Sex.female - male	44	0.812	0.812	0.438		-0.071	1.695	1.855	0.071	0.071	0.655		
Le postgraduate 15 -0.617 -0.617 0.809 -2.575 1.342 -0.763 0.728 0.728 1.24	AcademicDegree.basic-school	10	3.983	3.983	0.467	46	3.043	4.923						
- postgraduate 15	AcademicDegree.postgraduate	ಬ	4.600	4.600	0.660	46	3.271	5.929						
11 10 3.983 3.983 0.467 46 3.043 4.923 ate 34 4.735 4.735 0.253 46 4.226 5.245 [- undergraduate 44 -0.752 -0.752 0.531 -2.038 0.534 -1.416 0.341 0.341 ate1 34 4.735 4.735 0.253 46 4.226 5.245 ate1 34 4.735 4.735 0.253 46 4.226 5.245 ate - undergraduate 39 -0.135 0.707 -1.848 1.577 -0.191 0.980 0.980 25 4.153 4.153 0.286 47 3.579 4.728 24 5.000 5.000 0.292 47 4.413 5.587 25 4.406 4.406 0.254 43 3.894 4.918 27 5.235 5.235 0.259 43 4.712 5.758 28 4.406 4.406 0.364 4.712 5.758 29 5.235 5.235 0.369 43 4.712 5.758	AcademicDegree.basic-school - postgraduate	15	-0.617	-0.617	0.809		-2.575	1.342	-0.763	0.728	0.728	-0.387		
ate 34 4.735 4.735 0.253 46 4.226 5.245 - undergraduate 44 -0.752 -0.752 0.531 -2.038 0.534 -1.416 0.341 0.341 -c1 5 4.600 4.600 0.660 46 3.271 5.929 - atel 34 4.735 4.735 0.253 46 4.226 5.245 - undergraduate 39 -0.135 0.707 -1.848 1.577 -0.191 0.980 0.980 - 25 4.153 4.153 0.286 47 3.579 4.728 - 24 5.000 5.000 0.292 47 4.413 5.587 - 1.668 -0.026 -2.074 0.044 0.044 - 22 5.235 5.235 0.259 43 4.712 5.758 - 1.561 -0.007 -2.284 0.007 0.007 0.007 0.007	AcademicDegree.basic-school1	10	3.983	3.983	0.467	46	3.043	4.923						
L-undergraduate 44 -0.752 -0.752 0.531 -2.038 0.534 -1.416 0.341 0.341 c.1 atcl	A cademic Degree. under graduate	34	4.735	4.735	0.253	46	4.226	5.245						
atel 34 4.735 4.735 0.253 46 4.226 5.245 ce - undergraduate 39 -0.135 -0.135 0.707 -1.848 1.577 -0.191 0.980 0.980 25 4.153 4.153 0.286 47 3.579 4.728 24 5.000 5.000 0.292 47 4.413 5.587 ces - 49 -0.847 -0.847 0.408 -1.668 -0.026 -2.074 0.044 0.044 25 5.235 5.235 0.259 43 4.712 5.758 26 -0.026 -2.074 0.047 0.044 0.044 27 5.235 5.235 0.259 43 4.712 5.758	AcademicDegree.basic-school - undergraduate	44	-0.752	-0.752	0.531		-2.038	0.534	-1.416	0.341	0.341	-0.504		
atel 34 4.735 4.735 0.253 46 4.226 5.245 ce - undergraduate 39 -0.135 -0.135 0.707 -1.848 1.577 -0.191 0.980 0.980 25 4.153 4.153 0.286 47 3.579 4.728 24 5.000 5.000 0.292 47 4.413 5.587 ces 49 -0.847 -0.847 0.408 -1.668 -0.026 -2.074 0.044 0.044 25 5.235 5.235 0.259 43 4.712 5.758 26 -0.026 -2.074 0.047 0.044 0.044 27 5.235 5.235 0.259 43 4.712 5.758	AcademicDegree.postgraduate1	ည	4.600	4.600	0.000	46	3.271	5.929						
ce - undergraduate 39 -0.135 -0.135 0.707 -1.848 1.577 -0.191 0.980 0.980 2.98	A cademic Degree. under graduate 1	34	4.735	4.735	0.253	46	4.226	5.245						
25 4.153 4.153 0.286 47 3.579 4.728 24 5.000 5.000 0.292 47 4.413 5.587 49 -0.847 -0.847 0.408 -1.668 -0.026 -2.074 0.044 0.044 23 4.406 4.406 0.254 43 3.894 4.918 22 5.235 5.235 0.259 43 4.712 5.758 45 -0.829 -0.829 0.363 -1.561 -0.007 -2.284 0.027 0.027	AcademicDegree.postgraduate - undergraduate	39	-0.135	-0.135	0.707		-1.848	1.577	-0.191	0.980	0.980	-0.089		
24 5.000 5.000 0.292 47 4.413 5.587 49 -0.847 -0.847 0.408 -1.668 -0.026 -2.074 0.044 0.044 0.044 23 4.406 4.406 0.254 43 3.894 4.918 22 5.235 5.235 0.259 43 4.712 5.758 45 -0.829 -0.829 0.363 -1.561 -0.007 -2.284 0.027 0.027	KnownDomainContent.no	25	4.153	4.153	0.286	47	3.579	4.728						
res 49 -0.847 -0.847 0.408 -1.668 -0.026 -2.074 0.044 0.044 0.044 2.31 4.406 4.406 0.254 43 3.894 4.918 22 5.235 5.235 0.259 43 4.712 5.758 22 5.235 0.899 0.363 -1.561 -0.007 -2.284 0.027 0.02	KnownDomainContent.yes	24	5.000	5.000	0.292	47	4.413	5.587						
23 4.406 4.406 0.254 43 3.894 4.918 22 5.235 5.235 0.259 43 4.712 5.758 45 -0.829 -0.829 0.363 -1.561 -0.007 -2.284 0.027 0.027	KnownDomainContent.no - yes	49	-0.847	-0.847	0.408		-1.668	-0.026	-2.074	0.044	0.044	-0.583	*	medium
22 5.235 5.235 0.259 43 4.712 5.758 45 -0.829 -0.839 0.363 -1.561 -0.007 -2.284 0.027 0.027	LikeDomainContent.no	23	4.406	4.406	0.254	43	3.894	4.918						
75 -0 820	LikeDomainContent.yes	22	5.235	5.235	0.259	43	4.712	5.758						
170.0 170.0 1.07.1 0.00 1.00.1 0.00.1 0.00.1 0.00.1 0.00.1 0.00.1	LikeDomainContent.no - yes	45	-0.829	-0.829	0.363		-1.561	-0.097	-2.284	0.027	0.027	-0.669	*	medium

Table 2: (continued)

	Z	mean	lsmean	SE	df	lwr.CI	N mean Ismean SE df lwr.CI upr.CI t.ratio p.value p.ajd	t.ratio	p.value	p.ajd	50	sig	mag
LikeActionGames.no	24	4.604	4.604	0.305	47	3.992	5.217						
LikeActionGames.yes	25	4.533	4.533	0.298	47	3.933	5.134						
LikeActionGames.no - yes	49	0.071	0.071	0.426		-0.787	0.928	0.166	0.869	0.869	0.047		
LikeAdventureGames.no	17	4.333	4.333	0.359	47	3.610	5.056						
LikeAdventureGames.yes	32	4.693	4.693	0.262	47	4.166	5.220						
LikeAdventureGames.no - yes	49	-0.359	-0.359	0.445		-1.254	0.535	-0.808	0.423	0.423	-0.239		
LikeFightingGames.no	33	4.505	4.505	0.259	47	3.983	5.027						
LikeFightingGames.yes	16	4.698	4.698	0.372	47	3.949	5.447						
LikeFightingGames.no - yes	49	-0.193	-0.193	0.454		-1.106	0.720	-0.425	0.673	0.673	-0.127		
LikeFictionGames.no	29	4.483	4.483	0.250	45	3.979	4.986						
LikeFictionGames.yes	18	5.046	5.046	0.317	45	4.407	5.685						
LikeFictionGames.no - yes	47	-0.564	-0.564	0.404		-1.377	0.250	-1.395	0.170	0.170	-0.412		
LikePlatformerGames.no	25	4.327	4.327	0.263	45	3.798	4.856						

Table 2: (continued)

	Z	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.ajd	50	sig	mag
LikePlatformerGames.yes	22	5.121	5.121	0.280	45	4.557	5.685						
LikePlatformerGames.no - yes	47	-0.795	-0.795	0.384		-1.568	-0.021	-2.069	0.044	0.044	-0.595	*	medium
LikePuzzleGames.no	21	4.706	4.706	0.300	45	4.102	5.311						
LikePuzzleGames.yes	26	4.692	4.692	0.270	45	4.149	5.235						
LikePuzzleGames.no - yes	47	0.014	0.014	0.403		-0.798	0.826	0.035	0.972	0.972	0.010		
LikeRacingGames.no	34	4.765	4.765	0.251	47	4.261	5.269						
LikeRacingGames.yes	15	4.122	4.122	0.377	47	3.363	4.881						
LikeRacingGames.no - yes	49	0.642	0.642	0.453		-0.269	1.554	1.418	0.163	0.163	0.433		
LikeMusicalGames.no	34	4.755	4.755	0.235	45	4.281	5.229						
LikeMusicalGames.yes	13	4.551	4.551	0.380	45	3.785	5.317						
LikeMusicalGames.no - yes	47	0.204	0.204	0.447		-0.697	1.104	0.455	0.651	0.651	0.146		
LikeMMORPGGames.no	22	4.341	4.341	0.301	46	3.735	4.947						
LikeMMORPGGames.yes	26	4.878	4.878	0.277	46	4.321	5.435						
LikeMMORPGGames.no - yes	48	-0.537	-0.537	0.409		-1.360	0.286	-1.314	0.195	0.195	-0.374		
LikeShooterGames.no	26	4.942	4.942	0.282	47	4.376	5.509						
LikeShooterGames.yes	23	4.145	4.145	0.299	47	3.543	4.747						
LikeShooterGames.no - yes	49	0.797	0.797	0.411		-0.029	1.624	1.940	0.058	0.058	0.546		
LikeSimulationGames.no	33	4.566	4.566	0.260	47	4.043	5.088						
LikeSimulationGames.yes	16	4.573	4.573	0.373	47	3.822	5.323						
LikeSimulationGames.no - yes	49	-0.007	-0.007	0.455		-0.922	0.907	-0.016	0.987	0.987	-0.005		
LikeSportsGames.no	43	4.574	4.574	0.228	47	4.116	5.031						
LikeSportsGames.yes	9	4.528	4.528	0.609	47	3.302	5.753						
LikeSportsGames.no - yes	49	0.046	0.046	0.650		-1.262	1.354	0.071	0.944	0.944	0.030		
LikeStrategyGames.no	12	4.278	4.278	0.428	47	3.417	5.139						
LikeStrategyGames.yes	37	4.662	4.662	0.244	47	4.172	5.153						
LikeStrategyGames.no - yes	49	-0.384	-0.384	0.493		-1.375	0.607	-0.780	0.439	0.439	-0.255		
LikeNovelGames.no	40	4.571	4.571	0.236	47	4.096	5.045						
LikeNovelGames.yes	6	4.556	4.556	0.497	47	3.555	5.556						

Table 2: (continued)

Z	Z	mean	lsmean	SE	df	lwr.CI	upr.CI	t.ratio	p.value	p.ajd	50	sig	mag
LikeNovelGames.no - yes 46	49	0.015	0.015	0.551		-1.092	1.123	0.028	0.978	0.978	0.010		

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