

SIRUP Preliminary study 1 Complexity – Statistical results

Paired samples t-test

Table 1. Paired samples t-test for # Credits

Pair	<i>M</i>	<i>N</i>	<i>M</i> diff	<i>SD</i>	<i>SE</i>	<i>t</i>	Sig. (2-tailed)
Low#Credits Interest ALL	5.027	170	.268	1.553	.119	2.247	.026
High#Credits Interest ALL	4.759	170					
Low#Credits Interest Watched	5.649	37	-.041	1.151	.189	-.214	.832
High#Credits Interest Watched	5.689	37					
Low#Credits Interest Not Watched	4.110	137	.226	1.791	.153	1.478	.142
High#Credits Interest Not Watched	4.544	137					
Low#Credits Novelty ALL	4.321	170	.015	1.355	.104	.142	.888
High#Credits Novelty ALL	4.306	170					
Low#Credits Novelty Watched	4.351	37	.027	1.523	.250	.108	.915
High#Credits Novelty Watched	4.324	37					
Low#Credits Novelty Not Watched	4.329	137	.026	1.510	.129	.198	.843
High#Credits Novelty Not Watched	4.303	137					
Low#Credits Complexity ALL	4.177	170	-.141	1.327	.102	-1.387	.167
High#Credits Complexity ALL	4.318	170					
Low#Credits Complexity Watched	4.162	37	-.432	1.555	.256	-1.691	.099
High#Credits Complexity Watched	4.595	37					
Low#Credits Complexity Not Watched	4.201	137	-.040	1.505	.129	-.312	.755
High#Credits Complexity Not Watched	4.241	137					

Table 2. Paired samples t-test for # Actors

Pair	<i>M</i>	<i>N</i>	<i>M</i> diff	<i>SD</i>	<i>SE</i>	<i>t</i>	Sig. (2-tailed)
Low#Actors Interest ALL	4.950	170	-.079	1.538	.118	-.673	.502
High#Actors Interest ALL	5.029	170					
Low#Actors Interest Watched	5.635	36	.027	1.333	.219	.123	.903
High#Actors Interest Watched	5.608	36					
Low#Actors Interest Not Watched	4.769	143	-.073	1.597	.134	-.550	.583
High#Actors Interest Not Watched	4.843	143					
Low#Actors Novelty ALL	4.488	169	.021	1.563	.120	.172	.863
High#Actors Novelty ALL	4.468	169					
Low#Actors Novelty Watched	4.460	36	-.095	1.674	.275	-.344	.733
High#Actors Novelty Watched	4.554	36					
Low#Actors Novelty Not Watched	4.378	143	-.087	1.596	.133	-.655	.514
High#Actors Novelty Not Watched	4.465	143					
Low#Actors Complexity ALL	4.356	169	-.171	1.391	.107	-1.599	.112
High#Actors Complexity ALL	4.527	169					
Low#Actors Complexity Watched	4.667	36	-.167	1.512	.252	-.661	.513
High#Actors Complexity Watched	4.833	36					
Low#Actors Complexity Not Watched	4.226	144	-.208	1.523	.127	-1.641	.103
High#Actors Complexity Not Watched	4.434	144					

Table 3. Paired samples t-test for # Categories

Pair	<i>M</i>	<i>N</i>	<i>M</i> diff	<i>SD</i>	<i>SE</i>	<i>t</i>	Sig. (2-tailed)
Low#Categories Interest ALL	4.738	170	-.085	1.552	.119	-.717	.475
High#Categories Interest ALL	4.824	170					
Low#Categories Interest Watched	5.691	34	-.015	1.721	.295	-.050	.961
High#Categories Interest Watched	5.706	34					
Low#Categories Interest Not Watched	4.514	140	.011	1.743	.147	.073	.942
High#Categories Interest Not Watched	4.504	140					
Low#Categories Novelty ALL	4.254	169	-.112	1.413	.109	-1.034	.302
High#Categories Novelty ALL	4.367	169					
Low#Categories Novelty Watched	4.667	33	.106	1.407	.245	.433	.668
High#Categories Novelty Watched	4.561	33					
Low#Categories Novelty Not Watched	4.204	140	-.057	1.445	.122	-.468	.640
High#Categories Novelty Not Watched	4.261	140					
Low#Categories Complexity ALL	4.231	169	-.015	1.305	.100	-.147	.883
High#Categories Complexity ALL	4.246	169					
Low#Categories Complexity Watched	4.561	33	-.061	1.708	.297	-.204	.840
High#Categories Complexity Watched	4.621	33					
Low#Categor Complexity Not Watched	4.129	140	-.007	1.421	.120	.059	.953
High#Categor Complexity Not Watched	4.121	140					

Table 4. Pearsons correlations between all variables for Complexity

	#Credits	#Actors	#Categories	Type Genre	Type Format	Year	#Words Synops	Interest ALL	Interest W	Interest NW	Novelty ALL	Novelty W	Novelty NW	Complexity ALL	Complexity W	Complexity NW
# Credits	1															
# Actor	.691**	1														
# Categories	-.348	-.357	1													
Type Genre	.321	.348	-.537**	1												
Type Format	0.412*	-.536**	.666**	.744**	1											
Year	.451*	.353	.167	-.29	.057	1										
# Words Synops	.414*	.314	.027	-.137	.164	.341	1									
Interest ALL	-.006	-.143	.069	.116	.152	.062	.112	1								
Interest W	.125	-.009	.121	-.057	.126	.145	-.026	.203	1							
Interest NW	-.003	-.152	.080	.063	.171	.058	.197	.956**	-.027	1						
Novelty ALL	.104	-.188	.135	-.204	.261	-.029	.140	.706**	.279	.712**	1					
Novelty W	-.091	-.123	-.032	-.202	-.040	-.097	-.237	.216	.241	.187	.488**	1				
Novelty NW	.133	-.175	.156	-.207	.305	-.010	.226	.677**	.249	.698**	.971**	.284	1			
Complexity ALL	.178	.314	-.041	.131	-.147	.170	.151	.468**	.071	.457*	.400*	.131	.365*	1		
Complexity W	.219	.175	-.112	-.152	-.088	.058	.032	.330	.355	.294	.552**	.764**	.413*	.427*	1	
Complexity NW	.137	.106	.170	-.318	.282	.121	.313	.499**	-.025	.596**	.642**	.181	.667**	.411*	.458*	1

Note. * Correlation is significant at $p < .05$ (one-tailed); ** correlation is significant at $p < .01$ (one-tailed)