



TAXIVITY for the Future – decision making under risk

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Introduction

Based on data gained from behavioural economics experiments carried out by the authors in order to measure willingness to pay taxes, we examined participants' decisions regarding paying taxes. With the extension of the examined sample, we performed an econometrical modelling of tax evasion. Based on the measured data, the typical distribution function types were identified, and estimations of the parameters of the distribution functions were made with mathematical-statistical tools to describe the typical patterns of tax evasion. Based on the measured data, the typical distribution function the gauss distribution characterizes players' behaviour independently on whether wanted/unwanted events took place independently or under certain circumstances. What we should do If well-known mathematics models from game theory don't work. By publishing our results, we can provide explain How do taxpayers think about paying taxes and what is the difference between thinking and decision making? So should we have described participants' choices with a type of the overweight distribution function.

Table 2.

Step 1*	B	S.E.	Wald	df	Sig.	Variables in the Equation		95% C.I. for Exp(B)
						Exp(B)	Lower	Upper
D1	0.071	0.016	18.671	1	0.000	1.073	1.039	1.108
Age	-0.620	0.144	4.620	4	0.000	0.538	0.406	0.714
Gender(1)	0.156	0.156	8.818	1	0.000	0.611	0.442	0.846
Income(1)	-0.492	0.156	7.089	1	0.000	0.506	0.307	0.636
Income(2)	-0.681	0.156	5.201	1	0.000	0.420	0.207	0.643
Income(3)	-1.113	0.152	8.201	1	0.000	0.533	0.307	0.753
Income(4)	-1.095	0.455	5.804	1	0.000	0.335	0.137	0.615
Education	0.227	0.227	3.371	1	0.050	1.184	0.953	1.416
Education(1)	2.472	1.211	2.456	1	0.119	11.842	10.533	13.006
Education(2)	1.942	1.186	0.962	1	0.331	2.610	2.234	2.910
Education(3)	0.959	1.230	0.608	1	0.436	2.610	2.234	2.910
Education(4)	0.273	0.144	2.295	1	0.130	1.320	1.095	1.599
Religious	0.147	0.147	0.000	3	0.993	0.147	0.147	0.147
Location	0.073	0.145	0.324	1	0.564	0.930	0.699	1.235
Location(1)	0.044	0.175	0.000	1	0.801	1.045	0.742	1.472
Location(2)	-0.007	0.386	0.000	1	0.970	0.366	0.184	0.688
D1	0.411	0.411	16.246	4	0.000	0.412	0.242	2.181
D1(1)	0.447	0.188	4.753	1	0.039	1.179	0.429	1.771
D1(2)	-0.245	0.205	1.098	1	0.309	0.708	0.257	1.169
D1(3)	0.705	0.305	6.115	1	0.013	2.227	1.227	3.267
D1(4)	-0.295	0.205	0.930	1	0.330	1.227	0.511	2.110
D2	0.207	0.207	0.000	1	0.999	0.165	0.006	1.063
D2(1)	-1.900	0.850	3.554	5	0.055	0.191	0.020	0.398
D2(2)	-1.969	0.891	4.852	1	0.028	0.114	0.020	0.237
D2(3)	-1.967	0.885	2.408	1	0.114	0.191	0.020	0.248
D2(4)	-1.936	0.865	3.643	1	0.057	0.191	0.020	0.248
D2(5)	-1.655	0.869	1.442	1	0.238	0.191	0.020	0.248
D3	0.582	0.173	11.269	1	0.001	0.559	0.398	0.785
D3(1)	0.449	0.223	3.395	1	0.039	0.559	0.394	0.993
D3(2)	-0.559	0.298	3.506	1	0.061	0.572	0.319	1.026
D3(3)	-1.454	0.660	4.301	4	0.003	0.234	0.064	0.452
D4	0.023	0.195	0.014	1	0.967	0.699	0.499	1.498
D4(1)	0.023	0.230	0.227	1	0.725	1.451	0.926	2.279
D4(2)	-0.133	0.282	0.223	1	0.637	0.875	0.503	1.522
D4(3)	0.158	0.508	0.071	1	0.970	1.146	0.643	3.096
D4(4)	0.151	0.501	0.000	1	1.000	1.246	0.621	2.051
D5	0.191	0.144	1.111	1	0.291	0.499	0.209	0.781
D5(1)	0.319	0.308	1.513	1	0.219	1.461	0.799	2.672
D5(2)	-0.205	0.443	5.451	1	0.000	0.549	0.349	0.847
D5(3)	-0.070	0.309	1.509	1	0.558	0.331	0.101	1.207
D6	-0.307	0.171	1.744	4	0.229	0.813	0.582	1.136
D6(1)	-0.203	0.194	1.097	1	0.295	0.816	0.586	1.194
D6(2)	-0.027	0.220	0.005	1	0.977	0.656	0.266	1.249
D6(3)	-0.010	0.655	0.000	1	1.000	0.990	0.274	3.571
D7	-0.343	0.187	3.277	1	0.029	0.710	0.492	1.023
D7(1)	-0.109	0.178	0.375	1	0.697	0.897	0.633	1.270
D7(2)	-0.211	0.229	0.275	1	0.569	0.895	0.596	1.398
D7(3)	-0.117	0.496	2.249	1	0.011	0.890	0.343	2.308
D8	1.128	0.358	9.933	1	0.000	3.090	1.509	6.233
D8(1)	0.644	0.314	4.200	4	0.000	3.090	1.509	3.524
D8(2)	0.332	0.220	1.000	1	0.948	1.000	0.504	3.215
D8(3)	-0.142	0.377	0.141	1	0.925	0.868	0.415	1.816
D9	0.001	0.001	0.001	1	1.000	0.000	0.000	1.000
D10	0.021	0.196	0.013	1	0.911	0.201	0.079	1.470
D11	0.000	0.000	0.000	1	1.000	0.000	0.000	1.000
D11(1)	0.006	0.153	0.001	1	0.976	1.000	0.502	1.441
D11(2)	0.038	0.213	0.002	1	0.859	1.038	0.684	1.278
D11(3)	-0.048	0.292	1.952	1	0.062	1.066	0.575	1.178
D11(4)	-0.048	0.209	1.700	1	0.258	1.066	0.500	1.979
D12	0.591	0.439	27.171	4	0.000	1.788	1.766	4.231
D12(1)	0.591	0.439	1.748	1	0.000	1.788	1.766	5.195
D12(2)	0.931	0.366	6.492	1	0.001	1.788	1.766	3.279
D12(3)	0.071	0.342	0.001	1	1.000	1.788	1.766	1.788
D12(4)	0.307	0.339	0.019	1	0.966	1.788	1.766	2.642
D13	-3.084	0.594	30.608	4	0.000	0.046	0.014	0.147
D13(1)	-2.694	0.580	21.602	1	0.000	0.046	0.022	0.211
D13(2)	-2.237	0.505	17.646	1	0.000	0.046	0.022	0.205
D13(3)	-2.439	0.591	30.607	4	0.000	0.046	0.014	0.147
D14	1.873	0.382	24.007	1	0.000	6.610	3.077	13.774
D14(1)	1.722	0.374	17.166	1	0.000	5.249	2.666	11.656
D14(2)	1.993	0.397	31.811	1	0.000	5.249	2.640	11.590
D14(3)	2.200	0.						