

## **STATISTICAL APPENDIX**

# **LEISURE CONTEXTS IN ADOLESCENCE AND THEIR ASSOCIATIONS WITH ADULT OUTCOMES: A MORE COMPLETE PICTURE**

**Table 1: Summary statistics for control variables**

<b>Variable</b>	<b>Obs.</b>	<b>Mean</b>	<b>s.d.</b>	<b>Min</b>	<b>Max</b>
<b>Age 0</b>					
CM female	13503	0.5	0.5	0	1
Low income	18725	0.08	0.27	0	1
Medium income	18725	0.34	0.47	0	1
Med SES	18725	0.49	0.37	0	1
Low SES	18725	0.1	0.25	-0.15	1
Low parental education	18725	0.27	0.36	0	1
Med parental education	18725	0.45	0.36	0	1
Birth weight	18725	3.34	0.37	1.02	6.46
No. older sibs at birth	18725	1.04	0.89	-0.66	12
No. younger sibs at 10	18725	1.53	0.63	-2.21	7
Mother age 14-18	18725	0.03	0.16	-0.05	1
Mother age 19-24	18725	0.34	0.35	-0.22	1
Mother age 25-34	18725	0.54	0.36	0	1.2
Single parent	18725	0.08	0.27	0	1
UK ethnicity	18725	0.92	0.22	0	1.04
English as first language	18725	0.97	0.15	0	1.04
<b>Age 5/10</b>					
<i>Proximal family process measures</i>					
Mother hostile	18725	0	0.05	0	1
Father hostile	18725	0	0.04	0	1
No maternal interest	18725	0.01	0.09	-0.03	1
Low maternal interest	18725	0.03	0.13	-0.09	1
Med maternal interest	18725	0.22	0.31	0	1
Maternal interest unknown	18725	0.25	0.32	-0.07	1
No paternal interest	18725	0.02	0.1	-0.03	1
Low paternal interest	18725	0.02	0.12	-0.04	1
Med paternal interest	18725	0.16	0.27	-0.04	1
Paternal interest unknown	18725	0.44	0.36	-0.07	1
Maternal depression age 5	18725	0.19	0.29	0	1
Parents approve of activities	18725	2.65	0.34	1	3
Parents approve of friends	18725	2.67	0.33	1	3
<i>Peer groups and neighbourhoods</i>					
SES1/2 (%)	18725	19.74	12.67	-31.24	100
Ethnic minority (%)	18725	5.96	3.66	-0.73	95
High academic level (%)	18725	5.43	8.93	-3.6	100
Neighbourhood is good age 16	18725	1.03	0.38	0	2
<i>Age 5 and age 10 capabilities</i>					
Maths test age 10	13503	0	0.8	-3.74	2.32
Reading test age 10	13503	-0.01	0.8	-3.07	1.9
Self efficacy age 10	13503	0	0.79	-2.93	1.84
Locus of control age 10	13503	0	0.79	-2.68	2.71
Externalising behavs age 10	13503	0.01	0.84	-1.6	6.05
Internalising behavs age 10	13503	0	0.84	-1.67	4.2
Peer relations age 10	13503	0	0.78	-3.54	1.89
Sleeping probs age 10	13503	0.21	0.45	0	5
Soiling probs b/w 5 & 10	13503	0.16	0.42	0	6

<b>Variable</b>	<b>Obs.</b>	<b>Mean</b>	<b>s.d.</b>	<b>Min</b>	<b>Max</b>
Eating probs age 10	13503	0.47	0.75	0	4
Vocabulary score age 5	13503	62.97	17.31	0	100
Copying score age 5	13503	60.45	19.62	0	100
Externalising behavs age 5	13503	0.01	0.81	-1.36	5.27
Internalising behavs age 5	13503	0	0.8	-1.28	4.43
<b>Age 16</b>					
Does homework after school	13503	0.32	0.3	-0.44	1
Reads for pleasure after school	13503	0.39	0.32	-0.14	1
Helps at home	13503	1.61	0.53	0	3
Has been to pub in last 2 wks	13503	0.59	0.32	0	1.62
Has truanted	13503	0.44	0.35	0	1.7
Smokes at 16	13503	0.24	0.3	-0.18	1.4
Has had alcoholic drink in last wk	13503	1.31	0.89	-0.09	7
CM engaged in gen. antisocial acts	13503	11.29	7.35	-0.06	104
CM engaged in criminal antisocial acts	13503	2.04	3.38	-1.35	52
Close friends engaged in antisocial acts	13503	0.43	0.9	-0.38	13
Casual friends engaged in antisocial acts	13503	0.68	0.98	-0.39	13
Acquaintances engaged in antisocial acts	13503	1.48	1.38	-0.08	13
Locus of control age 16	13503	9.68	2.36	-0.06	16.02
Wants to stay on age 16	13503	1.18	0.65	-0.89	2.39
Self efficacy age 16	13503	14.72	2.38	0	20
Mother-rated (MR) behaviour: general conduct disorder	13503	-0.01	0.75	-2.03	4.05
MR behaviour: clumsy naughty	13503	-0.01	0.71	-2.19	6.88
MR behaviour: clumsy frustrated	13503	0.01	0.73	-8.13	2.54
MR behaviour: internalising	13503	-0.01	0.74	-4.08	2.24

Note: Missing values are replaced by imputation or by a missing value dummy variable. For all variables, the number of observations represents those present at the relevant sweep.

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Being Healthy			Parenthood & marital status			
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent
Frequency of YC attendance	1.044	0.98	0.974	0.959	1.042	1.184*	1.125
	-0.045	-0.053	-0.05	-0.045	-0.041	-0.093	-0.089
Went to YC and sports/community centre	0.856	0.921	0.907	0.981	0.828	0.74	0.765
	-0.118	-0.157	-0.149	-0.142	-0.104	-0.2	-0.202
Went to YC and uniformed	1.001	0.948	1.093	1.269+	1.028	1.217	1.262
	-0.126	-0.151	-0.17	-0.169	-0.119	-0.316	-0.313
Went to YC and church groups	1.165	1.333+	1.127	1.266+	0.785+	0.592+	0.913
	-0.156	-0.219	-0.184	-0.174	-0.097	-0.18	-0.236
CM Female	0.813*	1.143	1.549***	1.389***	0.689***	7.945***	23.810***
	-0.068	-0.117	-0.16	-0.125	-0.051	-2.047	-8.987
Low income	0.88	1.013	1.227	1.215	0.993	1.371	0.862
	-0.123	-0.171	-0.196	-0.178	-0.125	-0.395	-0.23
Medium income	0.831*	0.913	1.016	1.099	1.022	0.992	1.008
	-0.071	-0.098	-0.107	-0.099	-0.077	-0.216	-0.188
Medium SES	1.022	1.184	1.043	0.971	0.964	1.821*	1.06
	-0.098	-0.141	-0.123	-0.097	-0.08	-0.487	-0.217
Low SES	1.071	1.227	1.007	0.915	0.929	1.754+	1.017
	-0.157	-0.214	-0.175	-0.143	-0.123	-0.58	-0.293
Low parental education	0.978	1.484*	0.834	0.767*	0.802*	1.179	0.995
	-0.125	-0.232	-0.127	-0.101	-0.09	-0.39	-0.275
Medium parental education	1.072	1.12	0.825	0.801*	0.892	0.941	1.178
	-0.114	-0.152	-0.108	-0.087	-0.082	-0.296	-0.291
Birth weight	1.017	1.147	0.860+	0.860+	0.861*	0.91	0.941
	-0.076	-0.102	-0.075	-0.067	-0.057	-0.148	-0.141
No. older sibs at birth	1.059	0.954	1.082	1.035	1.02	1.298***	1.168*
	-0.044	-0.048	-0.052	-0.045	-0.038	-0.099	-0.088
No. younger sibs at 10	1.047	1.108	1.007	0.944	0.932	1.079	1.148
	-0.056	-0.071	-0.064	-0.054	-0.046	-0.112	-0.11
Mother age 14-18	1.443	0.597+	1.181	0.577*	0.686	2.237+	2.483*
	-0.352	-0.183	-0.331	-0.155	-0.157	-1.093	-1.144
Mother age 19-24	1.127	0.650*	0.927	0.763	0.834	1.326	1.653
	-0.188	-0.128	-0.182	-0.128	-0.122	-0.502	-0.601
Mother age 25-34	0.898	0.835	0.848	0.751+	0.959	1.106	1.227

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Being Healthy				Parenthood & marital status			
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent	
Single parent	-0.135	-0.145	-0.148	-0.111	-0.125	-0.378	-0.409	
	1.209+	0.912	1.137	1.03	1.238*	1.096	1.724**	
UK ethnicity	-0.131	-0.125	-0.141	-0.117	-0.12	-0.225	-0.314	
	0.788	1.115	1.048	0.643*	0.865	1.569	1.156	
English as first language	-0.151	-0.272	-0.24	-0.118	-0.144	-0.714	-0.45	
	1.529	1.5	0.66	0.917	1.021	0.903	0.789	
Mother hostile	-0.403	-0.493	-0.18	-0.222	-0.217	-0.472	-0.369	
	1.012	1.955	2.935	4.932	7.022			
Father hostile	-1.282	-2.294	-3.726	-5.236	-8.354			
	4.712		2.039	1.17	1.705	3.982	8.931	
No Maternal interest	-5.612		-2.297	-1.388	-1.751	-6.004	-15.53	
	1.281	0.706	1.016	0.769	0.714	6.296**	1.371	
Low maternal interest	-0.562	-0.376	-0.507	-0.414	-0.303	-4.227	-1.022	
	1.501	0.99	1.03	0.967	0.538*	0.935	1.42	
Medium maternal interest	-0.406	-0.323	-0.318	-0.292	-0.143	-0.499	-0.638	
	0.849	1.065	0.808	0.908	0.917	1.364	1.037	
Maternal interest unknown	-0.1	-0.148	-0.114	-0.114	-0.096	-0.341	-0.235	
	0.994	0.996	1.005	1.036	0.881	1.24	1.012	
No paternal interest	-0.116	-0.142	-0.137	-0.125	-0.091	-0.316	-0.229	
	1.163	1.291	0.593	0.486	1.33	0.307+	0.55	
Low paternal interest	-0.435	-0.547	-0.271	-0.239	-0.475	-0.217	-0.392	
	1.076	0.976	0.851	0.995	1.515	1.322	1.369	
Medium paternal interest	-0.311	-0.346	-0.292	-0.319	-0.41	-0.715	-0.678	
	0.932	1.164	0.888	0.845	1.002	1.056	0.792	
Paternal interest unknown	-0.129	-0.19	-0.149	-0.125	-0.123	-0.336	-0.235	
	0.994	0.988	0.974	1.042	1.241*	0.779	1.059	
Maternal depression age 5	-0.113	-0.138	-0.133	-0.123	-0.124	-0.213	-0.248	
	0.936	1.135	1.064	0.974	0.97	0.851	1.076	
Parents approve of activities	-0.098	-0.139	-0.128	-0.106	-0.091	-0.187	-0.213	
	0.997	1.018	0.797**	0.922	1.059	0.792+	0.863	
Parents approve of friends	-0.067	-0.085	-0.06	-0.064	-0.065	-0.102	-0.109	
	0.94	0.98	0.901	0.918	0.834**	0.956	0.928	
	-0.067	-0.086	-0.073	-0.068	-0.053	-0.135	-0.126	

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	Being Healthy			Parenthood & marital status			
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent
SES 1/2 (%)	1.003	0.996	0.999	1.001	1.003	0.981*	0.996
	-0.003	-0.003	-0.003	-0.003	-0.002	-0.008	-0.006
Ethnic minority (%)	1.01	1.011	1.004	1.009	0.998	0.991	1.019
	-0.009	-0.01	-0.01	-0.009	-0.008	-0.018	-0.016
High academic level (%)	0.998	1.003	0.996	1.002	1.003	1.004	1
	-0.004	-0.005	-0.005	-0.004	-0.003	-0.008	-0.007
Neighbourhood is good age 16	0.875*	1.063	0.899	0.958	1.001	0.994	1.024
	-0.057	-0.084	-0.07	-0.066	-0.058	-0.144	-0.136
Maths test age 10	0.967	1.111	0.838*	0.889+	1.03	1.12	0.966
	-0.061	-0.084	-0.063	-0.059	-0.057	-0.152	-0.12
Reading test age 10	1.024	0.861+	1.057	1.059	0.979	0.923	0.969
	-0.066	-0.067	-0.081	-0.073	-0.057	-0.125	-0.122
Self efficacy age 10	0.964	0.911+	0.935	0.863**	0.979	1.036	1.003
	-0.045	-0.05	-0.051	-0.041	-0.04	-0.098	-0.087
Locus of control age 10	0.976	0.998	1.041	1.158**	0.996	0.942	0.997
	-0.048	-0.059	-0.061	-0.06	-0.043	-0.101	-0.097
Externalising behaviours age 10	1.07	0.904	0.959	1	1.037	1.154	1.205+
	-0.061	-0.064	-0.062	-0.059	-0.053	-0.126	-0.124
Internalising behaviours age 10	0.957	0.917	1.093	1.003	0.979	0.883	0.956
	-0.05	-0.059	-0.065	-0.054	-0.045	-0.098	-0.095
Peer relations age 10	0.957	0.789***	0.862**	0.891*	0.875***	0.779**	0.944
	-0.042	-0.04	-0.044	-0.04	-0.034	-0.073	-0.081
Sleeping problems age 10	1.016	0.906	1.078	1.084	1.089	0.888	1.036
	-0.071	-0.082	-0.084	-0.075	-0.066	-0.141	-0.14
Soiling probs b/w 5&10	1.169*	1.187+	1.024	1.13	1.049	1.115	1.044
	-0.093	-0.107	-0.095	-0.093	-0.075	-0.174	-0.16
Eating probs age 10	1.032	1.014	1.107*	1.025	1.014	1.111	1.048
	-0.044	-0.053	-0.054	-0.045	-0.039	-0.098	-0.086
Vocabulary score age 5	0.997	1.005+	0.997	1.001	0.998	0.988*	0.994
	-0.002	-0.003	-0.003	-0.002	-0.002	-0.005	-0.004
Copying score age 5	1.002	0.998	1	1.001	0.997+	1.001	1
	-0.002	-0.002	-0.002	-0.002	-0.002	-0.004	-0.004
Externalising behaviours age 5	1.07	1.142*	0.993	1.128*	0.943	0.93	0.948

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Being Healthy			Parenthood & marital status			
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent
Internalising behaviours age 5	-0.058	-0.075	-0.064	-0.064	-0.046	-0.108	-0.102
	0.953	0.932	1.031	1.069	1.004	1.065	1.007
Does homework after school (16)	-0.047	-0.056	-0.059	-0.054	-0.044	-0.114	-0.098
	0.908	0.974	0.805+	1.045	1.107	0.782	0.722
Reads for pleasure after school (16)	-0.089	-0.116	-0.098	-0.105	-0.093	-0.193	-0.157
	0.959	1.101	1.001	1.264**	1.002	1.152	1.063
Helps at home (16)	-0.079	-0.11	-0.099	-0.108	-0.073	-0.206	-0.175
	1.072	1.035	1.137*	1.012	1.045	1.212+	1.438***
Has been to pub in last 2 weeks (16)	-0.055	-0.064	-0.069	-0.054	-0.047	-0.129	-0.142
	1.034	1.085	0.916	0.797*	0.877+	0.697+	0.802
Has truanted (16)	-0.095	-0.12	-0.1	-0.076	-0.07	-0.141	-0.151
	1.217**	0.901	0.971	0.968	0.955	0.926	1.176
Smokes at 16	-0.092	-0.085	-0.089	-0.079	-0.066	-0.155	-0.183
	6.304***	0.851	1.139	0.947	0.889	2.209***	1.246
Has had alcoholic drink in last week (16)	-0.602	-0.11	-0.136	-0.104	-0.084	-0.417	-0.236
	0.969	1.022	0.978	1.024	0.930*	0.979	0.988
CM engaged in anti-social acts (16)	-0.031	-0.041	-0.039	-0.035	-0.028	-0.068	-0.068
	1.017*	1.003	1.004	1.013+	0.997	1.011	1.014
Close friends engaged in antisocial acts	-0.007	-0.009	-0.008	-0.008	-0.006	-0.013	-0.015
	1.008	0.993	1.014	0.989	0.993	1	0.986
Close friends engaged in antisocial acts	-0.012	-0.015	-0.014	-0.013	-0.011	-0.022	-0.024
	0.974	1.008	0.952	1.006	1.034	1.098	0.953
Causal friends engaged in antisocial acts	-0.035	-0.047	-0.043	-0.039	-0.034	-0.067	-0.08
	1.013	0.954	1.001	0.998	1.035	1.075	1.105
Acquaintances engaged in antisocial acts	-0.034	-0.044	-0.04	-0.036	-0.032	-0.07	-0.071
	0.991	0.976	1.049+	0.992	1.001	0.98	0.917
Locus of control age 16	-0.023	-0.029	-0.028	-0.025	-0.021	-0.048	-0.048
	0.956**	0.989	0.954**	0.969*	0.970*	0.935*	0.938*
Wants to stay on at 16	-0.013	-0.017	-0.016	-0.015	-0.012	-0.026	-0.026
	0.961	1.003	0.977	1.053	1.095*	0.744**	0.93
Self efficacy age 16	-0.047	-0.059	-0.057	-0.055	-0.048	-0.078	-0.089
	1.013	0.981	0.904***	0.941***	0.970**	1.03	0.946*
	-0.012	-0.014	-0.013	-0.012	-0.01	-0.027	-0.022

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Being Healthy				Parenthood & marital status			
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent	
General conduct disorder (16)	1.019	0.999	1.127*	1.120*	0.955	1.325**	0.901	
	-0.048	-0.058	-0.06	-0.054	-0.041	-0.115	-0.082	
Clumsy/naughty	0.944	1.026	1.072	0.988	1.068	0.727**	1.072	
	-0.045	-0.057	-0.057	-0.049	-0.045	-0.083	-0.093	
Clumsy/ frustrated	1.003	0.983	1.076	1.006	0.934	0.982	0.881	
	-0.05	-0.058	-0.062	-0.052	-0.042	-0.092	-0.074	
Low aggression/moderate internalising	0.827***	0.876*	0.989	0.989	0.941	0.924	0.873	
	-0.04	-0.051	-0.056	-0.051	-0.042	-0.086	-0.079	
Constant	0.281*	0.052***	6.333**	3.062*	5.758***	0.010***	0.009***	
	-0.149	-0.034	-3.83	-1.637	-2.671	-0.011	-0.01	

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Staying safe				Achieving			Making a positive contribution	
	Temp/ Social Housing	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
Frequency of YC attendance	1.168**	1.086	1.057	1.002	1.136**	1.213***	1.139*	1.125*	1.332**
	-0.066	-0.088	-0.074	-0.053	-0.052	-0.056	-0.066	-0.056	-0.13
Went to YC and sports/community centre	0.648*	0.763	1.061	0.954	0.942	0.838	1.439*	0.866	0.778
	-0.121	-0.203	-0.24	-0.161	-0.14	-0.125	-0.249	-0.14	-0.254
Went to YC and uniformed	0.83	1.175	0.825	1.172	0.965	0.82	0.650**	1.062	1.076
	-0.151	-0.298	-0.172	-0.188	-0.134	-0.113	-0.101	-0.156	-0.326
Went to YC and church groups	1.044	0.688	1.197	0.846	0.731*	0.645**	0.732*	1.283	1.422
	-0.205	-0.2	-0.267	-0.147	-0.114	-0.098	-0.116	-0.209	-0.492
CM Female	1.325*	1.729**	0.348***	0.945	0.994	0.931	1.173+	0.165***	0.125***
	-0.162	-0.313	-0.052	-0.099	-0.093	-0.085	-0.114	-0.018	-0.039
Low income	1.056	1.184	0.822	0.854	0.8	0.806	1.531*	1.112	0.581
	-0.194	-0.31	-0.201	-0.146	-0.122	-0.119	-0.283	-0.189	-0.224
Medium income	0.779+	0.874	0.913	0.96	0.793*	0.791*	1.312**	0.801*	0.507*
	-0.106	-0.161	-0.141	-0.106	-0.08	-0.077	-0.121	-0.089	-0.14
Medium SES	1.424*	1.241	1.085	0.905	1.326*	1.300*	1.129	0.928	1.556
	-0.224	-0.26	-0.184	-0.111	-0.151	-0.141	-0.114	-0.112	-0.532
Low SES	1.984***	1.257	0.966	0.946	1.646**	1.422*	1.234	1.194	2.042+
	-0.398	-0.383	-0.257	-0.168	-0.257	-0.219	-0.243	-0.213	-0.878
Low parental education	1.163	0.834	1.002	1.087	1.487**	1.707***	2.091***	1.187	1.212
	-0.229	-0.227	-0.224	-0.179	-0.224	-0.245	-0.3	-0.191	-0.501
Medium parental education	0.929	1.134	1.024	1.099	1.303+	1.327*	1.854***	1.155	0.91
	-0.17	-0.266	-0.192	-0.157	-0.179	-0.173	-0.198	-0.159	-0.347
Birth weight	0.893	1.164	0.96	0.865	0.982	1.012	0.889	0.918	1.337
	-0.092	-0.18	-0.124	-0.078	-0.08	-0.082	-0.08	-0.085	-0.307
No. older sibs at birth	1.107+	1.168*	1.023	1.121*	1.058	1.043	1.08	0.989	0.977
	-0.059	-0.092	-0.074	-0.055	-0.047	-0.046	-0.058	-0.052	-0.118
No. younger sibs at 10	1.143+	1.108	1.009	0.974	0.998	1.013	0.99	1.085	1.246
	-0.081	-0.112	-0.097	-0.065	-0.059	-0.059	-0.066	-0.072	-0.185

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Staying safe				Achieving			Making a positive contribution	
	Temp/ Social Housing	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
Mother age 14-18	1.037	1.565	1.127	1.132	1.362	0.994	2.097*	0.763	0.618
	-0.336	-0.75	-0.464	-0.34	-0.364	-0.264	-0.676	-0.235	-0.436
Mother age 19-24	0.895	1.296	0.857	0.962	1.039	0.931	1.862**	0.872	0.796
	-0.212	-0.469	-0.247	-0.2	-0.196	-0.172	-0.358	-0.181	-0.387
Mother age 25-34	0.828	0.96	0.868	1.093	0.916	0.79	1.305	0.749	0.72
	-0.177	-0.315	-0.222	-0.201	-0.156	-0.132	-0.222	-0.14	-0.322
Single parent	1.328*	1.319	1.161	1.238	0.896	0.989	0.807	1.191	0.925
	-0.185	-0.257	-0.214	-0.161	-0.109	-0.117	-0.105	-0.161	-0.294
UK ethnicity	1.578	1.594	0.834	0.772	1.275	1.245	1.299	0.749	0.778
	-0.485	-0.662	-0.278	-0.177	-0.303	-0.282	-0.273	-0.178	-0.438
English as first language	2.234+	0.477	2.940+	0.997	1.076	1.364	1.31	1.086	0.934
	-0.946	-0.217	-1.802	-0.299	-0.315	-0.393	-0.342	-0.338	-0.713
Mother hostile	2.998				2.883	1.762	1.097	1.352	
	-4.4				-3.454	-2.155	-1.626	-1.916	
Father hostile	0.656	2.462	2.337		0.525	0.537		0.847	
	-0.805	-3.285	-3.014		-0.633	-0.574		-1.026	
No Maternal interest	1.509	1.218	0.511	1.056	1.159	2.510+	2.008	0.639	1.492
	-0.701	-1.148	-0.646	-0.53	-0.51	-1.189	-2.099	-0.323	-1.459
Low maternal interest	0.889	0.537	2.285*	0.797	0.719	1.001	2.403	1.113	1.044
	-0.284	-0.308	-0.962	-0.258	-0.205	-0.289	-1.357	-0.363	-0.646
Medium maternal interest	0.931	1.045	1.015	1.242	0.94	1.056	1.311+	1.045	0.728
	-0.152	-0.244	-0.221	-0.181	-0.12	-0.13	-0.198	-0.153	-0.252
Maternal interest unknown	0.997	1.135	1.364	1.065	1.128	1.214	0.753*	0.871	0.619
	-0.16	-0.26	-0.283	-0.156	-0.144	-0.152	-0.105	-0.129	-0.218
No paternal interest	0.869	0.547	0.122+	0.932	1.154	0.639	0.488	2.321*	0.514
	-0.37	-0.504	-0.135	-0.414	-0.435	-0.25	-0.358	-0.983	-0.461
Low paternal interest	1.355	1.141	0.638	1.216	1.329	1.132	1.323	1.155	2.652
	-0.467	-0.662	-0.309	-0.396	-0.402	-0.354	-0.701	-0.397	-1.788
Medium paternal interest	0.847	1.042	0.662	0.777	0.95	1.101	1.113	1.016	1.032
	-0.178	-0.314	-0.171	-0.139	-0.147	-0.163	-0.181	-0.178	-0.477
Paternal interest	1.082	1.377	0.803	0.914	0.9	0.88	1.172	1.17	1.58

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Staying safe				Achieving			Making a positive contribution	
	Temp/ Social Housing	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
unknown									
	-0.183	-0.334	-0.166	-0.133	-0.116	-0.111	-0.153	-0.171	-0.581
Maternal depression age 5	1.211	1.145	1.178	0.868	0.95	0.92	1.149	1.071	1.744+
	-0.165	-0.233	-0.206	-0.113	-0.108	-0.103	-0.152	-0.139	-0.496
Parents approve of activities	0.727***	0.843	1.038	0.916	0.826**	0.826**	1.081	0.837*	0.797
	-0.064	-0.106	-0.121	-0.073	-0.06	-0.059	-0.089	-0.067	-0.151
Parents approve of friends	0.943	0.853	0.846	0.903	1.07	1.13	0.993	0.855+	0.878
	-0.09	-0.114	-0.101	-0.077	-0.084	-0.087	-0.088	-0.072	-0.173
SES 1/2 (%)	0.994	1.007	0.997	0.998	0.991*	0.991*	0.987***	0.993+	0.985
	-0.005	-0.006	-0.005	-0.004	-0.004	-0.003	-0.003	-0.004	-0.01
Ethnic minority (%)	0.995	0.974	1.005	1.013	0.995	0.994	0.980+	1.003	0.996
	-0.011	-0.018	-0.015	-0.01	-0.009	-0.009	-0.011	-0.01	-0.025
High academic level (%)	1.003	1.014*	0.993	1	0.995	0.997	0.997	0.993	0.985
	-0.005	-0.007	-0.008	-0.005	-0.004	-0.004	-0.005	-0.005	-0.015
Neighbourhood is good age 16	1.051	0.995	0.955	0.913	0.967	0.988	1.031	0.99	0.653*
	-0.101	-0.137	-0.112	-0.075	-0.071	-0.071	-0.076	-0.083	-0.138
Maths test age 10	0.863+	1.007	1.123	0.793**	0.812**	0.713***	0.640***	0.972	1.24
	-0.076	-0.132	-0.129	-0.061	-0.056	-0.048	-0.05	-0.078	-0.248
Reading test age 10	0.93	0.926	0.912	1.081	0.775***	0.729***	0.732***	1.049	0.893
	-0.081	-0.121	-0.105	-0.086	-0.053	-0.049	-0.061	-0.086	-0.171
Self efficacy age 10	1.042	0.903	0.991	0.874*	1.057	1.084	1.097+	1.003	1.062
	-0.066	-0.083	-0.084	-0.049	-0.054	-0.054	-0.061	-0.06	-0.156
Locus of control age 10	0.913	1.144	0.984	1.150*	0.893*	0.842**	0.802***	1.059	0.729*
	-0.063	-0.117	-0.087	-0.07	-0.048	-0.045	-0.046	-0.066	-0.112
Externalising behaviours age 10	1.135+	1.226+	0.928	1.068	1.081	1.056	0.94	1.215**	1.287
	-0.082	-0.128	-0.088	-0.072	-0.065	-0.064	-0.069	-0.084	-0.202
Internalising behaviours age 10	0.860*	0.776*	1.129	0.96	0.936	0.910+	1.003	0.813**	0.618**
	-0.063	-0.083	-0.101	-0.062	-0.054	-0.051	-0.062	-0.056	-0.11

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Staying safe				Achieving			Making a positive contribution	
	Temp/ Social Housing	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
Peer relations age 10	0.755***	0.895	0.903	0.836***	1.073	1.045	1.029	1.011	0.978
	-0.046	-0.078	-0.068	-0.045	-0.053	-0.051	-0.053	-0.055	-0.13
Sleeping problems age 10	1.001	1.153	1.198+	0.941	1.009	1.104	0.858+	0.986	1.176
	-0.099	-0.147	-0.126	-0.083	-0.079	-0.083	-0.069	-0.086	-0.247
Soiling probls b/w 5&10	1.102	1.113	0.954	0.93	0.961	1.053	1.022	1.116	1.154
	-0.111	-0.156	-0.131	-0.092	-0.085	-0.091	-0.112	-0.107	-0.238
Eating probls age 10	1.004	0.934	1.051	0.978	0.925	0.973	1.002	0.97	0.985
	-0.06	-0.083	-0.077	-0.053	-0.044	-0.045	-0.052	-0.054	-0.137
Vocabulary score age 5	0.997	0.999	0.999	0.995+	1	0.998	0.999	1.001	0.995
	-0.003	-0.004	-0.004	-0.003	-0.002	-0.002	-0.002	-0.003	-0.006
Copying score age 5	0.995*	0.998	0.999	0.997	0.996+	0.994**	0.994**	1.001	0.994
	-0.003	-0.004	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.006
Externalising behaviours age 5	1.084	0.899	1.022	1.003	1.014	1.047	1.078	1.088	1.056
	-0.08	-0.098	-0.095	-0.067	-0.06	-0.061	-0.072	-0.073	-0.168
Internalising behaviours age 5	0.993	1.212+	0.935	0.997	0.961	0.949	0.973	0.97	0.873
	-0.069	-0.119	-0.08	-0.061	-0.053	-0.051	-0.058	-0.061	-0.14
Does homework after school (16)	0.675*	0.639+	0.837	0.89	0.589***	0.481***	0.579***	0.765*	0.428*
	-0.109	-0.149	-0.148	-0.113	-0.072	-0.056	-0.056	-0.098	-0.166
Reads for pleasure after school (16)	1.098	0.967	1.208	1.051	0.979	0.9	0.858+	1.081	1.27
	-0.132	-0.169	-0.175	-0.109	-0.092	-0.081	-0.078	-0.115	-0.334
Helps at home (16)	1.252**	0.994	1.146	0.975	0.956	0.95	1.056	1.075	1.198
	-0.09	-0.105	-0.104	-0.062	-0.055	-0.053	-0.062	-0.07	-0.188
Has been to pub in last 2 weeks (16)	0.915	0.949	1.016	0.750*	1.125	1.135	1.328**	0.953	0.793
	-0.121	-0.186	-0.165	-0.086	-0.116	-0.114	-0.135	-0.111	-0.229
Has truanted (16)	1.443***	1.254	1.113	1.134	1.104	1.107	1.171+	1.349**	1.742*
	-0.159	-0.202	-0.151	-0.109	-0.094	-0.091	-0.105	-0.129	-0.429
Smokes at 16	1.655***	1.148	1.339+	1.078	1.304*	1.454***	1.814***	1.343*	1.938*
	-0.221	-0.218	-0.227	-0.135	-0.141	-0.154	-0.251	-0.162	-0.509

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Staying safe				Achieving			Making a positive contribution	
	Temp/ Social Housing	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
Has had alcoholic drink in last week (16)	0.843***	0.956	0.961	0.933	1.003	0.991	0.958	1.015	1.041
	-0.043	-0.064	-0.055	-0.04	-0.037	-0.035	-0.037	-0.039	-0.091
CM engaged in anti-social acts (16)	1.002	1.021	1.027*	1	0.983*	0.978**	0.981*	1.036***	1.045**
	-0.01	-0.013	-0.011	-0.009	-0.007	-0.007	-0.009	-0.008	-0.017
Close friends engaged in antisocial acts	1.012	0.973	0.975	1.015	1.022+	1.032*	1.042*	0.989	0.972
	-0.015	-0.022	-0.019	-0.014	-0.013	-0.013	-0.02	-0.013	-0.027
Close friends engaged in antisocial acts	1.033	1.093+	1.02	0.998	0.986	1.008	0.974	1.058	1.196**
	-0.048	-0.058	-0.052	-0.044	-0.041	-0.04	-0.044	-0.042	-0.076
Causal friends engaged in antisocial acts	1.021	1.160**	1.045	0.982	0.958	1.002	0.906*	1.005	1.115
	-0.048	-0.06	-0.053	-0.042	-0.038	-0.037	-0.036	-0.038	-0.082
Acquaintances engaged in antisocial acts	0.957	0.966	1.079*	0.996	0.991	0.996	1	0.985	0.967
	-0.032	-0.045	-0.038	-0.029	-0.026	-0.025	-0.027	-0.028	-0.062
Locus of control age 16	0.97	0.963	1.018	0.933***	0.955**	0.965*	0.927***	0.943***	0.982
	-0.019	-0.027	-0.026	-0.016	-0.015	-0.015	-0.017	-0.017	-0.042
Wants to stay on at 16	0.845*	0.948	1.003	0.962	0.617***	0.561***	0.415***	0.948	0.99
	-0.058	-0.094	-0.088	-0.058	-0.032	-0.027	-0.028	-0.059	-0.152
Self efficacy age 16	0.944***	0.950*	0.996	0.965*	0.984	0.975+	0.983	0.995	1.02
	-0.016	-0.023	-0.021	-0.014	-0.013	-0.013	-0.014	-0.015	-0.037
General conduct disorder (16)	1.042	1.179+	1.191*	1.167**	1.065	1.071	1.041	1.06	1.11
	-0.066	-0.103	-0.094	-0.065	-0.055	-0.054	-0.06	-0.063	-0.151
Clumsy/naughty	0.92	1.087	1.136+	1.157**	1.06	1.067	0.985	0.919	0.922
	-0.06	-0.089	-0.077	-0.06	-0.054	-0.053	-0.06	-0.055	-0.12
Clumsy/ frustrated	0.94	0.954	0.827**	1.082	0.988	1.051	1.001	1.069	0.866
	-0.058	-0.082	-0.06	-0.063	-0.052	-0.056	-0.067	-0.067	-0.099
Low aggression/moderate internalising	0.854*	0.837*	0.902	0.881*	0.909+	0.831***	0.709***	0.842**	0.769*

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Staying safe				Achieving			Making a positive contribution	
	Temp/ Social Housing	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
Constant	-0.053	-0.074	-0.072	-0.05	-0.047	-0.042	-0.048	-0.048	-0.093
	0.292	0.085*	0.038***	3.783*	1.35	2.095	18.807***	1.417	0.028*
	-0.222	-0.088	-0.038	-2.392	-0.802	-1.222	-11.611	-0.921	-0.044

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Making a positive contribution			Economic wellbeing			Workless HH with children
	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	
Frequency of YC attendance	0.935	1.097*	1.064	1.054	1.041	1.031	1.133
Went to YC and sports/community centre	-0.091	-0.043	-0.047	-0.059	-0.068	-0.067	-0.096
Went to YC and uniformed	1.272	0.823	0.914	0.835	0.864	0.831	0.722
Went to YC and church groups	-0.388	-0.102	-0.131	-0.152	-0.184	-0.179	-0.206
CM Female	0.986	0.916	1.049	0.696*	0.88	0.993	0.818
Low income	-0.281	-0.105	-0.14	-0.123	-0.183	-0.206	-0.235
Medium income	0.751	0.824	0.853	1.525*	1.054	0.966	0.89
Medium SES	-0.254	-0.101	-0.124	-0.278	-0.231	-0.215	-0.269
Low SES	0.371***	0.989	0.686***	2.045***	2.224***	1.19	3.855***
Low parental education	-0.07	-0.073	-0.06	-0.239	-0.325	-0.16	-0.86
Medium parental education	1.166	1.154	0.907	0.845	1.236	0.948	0.892
Birth weight	-0.357	-0.143	-0.131	-0.158	-0.25	-0.196	-0.248
No. older sibs at birth	0.95	0.995	0.977	0.821+	0.736*	0.902	0.807
No. younger sibs at 10	-0.186	-0.076	-0.091	-0.098	-0.111	-0.129	-0.163
Mother age 14-18	0.851	1.049	1.213+	1.134	1.101	1.09	1.141
Mother age 19-24	-0.177	-0.088	-0.127	-0.154	-0.189	-0.177	-0.263
	0.687	0.978	1.328+	1.345	1.450+	1.165	1.253
	-0.232	-0.128	-0.2	-0.261	-0.326	-0.264	-0.383
	0.922	0.942	1.117	1.448*	1.007	0.893	0.84
	-0.27	-0.105	-0.153	-0.259	-0.225	-0.187	-0.248
	1.336	0.946	1.076	1.281	1.034	0.924	0.839
	-0.327	-0.089	-0.128	-0.204	-0.209	-0.17	-0.226
	1.023	1.084	0.996	0.915	0.857	0.975	0.966
	-0.166	-0.072	-0.077	-0.092	-0.1	-0.112	-0.153
	0.955	1.02	1.184***	1.100+	1.095	1.057	1.092
	-0.09	-0.038	-0.05	-0.063	-0.065	-0.065	-0.09
	0.843	0.973	1.045	1.163*	1.163+	0.956	1.087
	-0.109	-0.047	-0.058	-0.085	-0.091	-0.079	-0.114
	0.721	1.352	1.115	1.329	0.745	0.962	1.695
	-0.412	-0.3	-0.288	-0.452	-0.266	-0.356	-0.813
	0.775	1.285+	1.085	1.192	0.593*	0.942	1.078

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Making a positive contribution			Economic wellbeing			Workless HH with children
	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	
	-0.276	-0.193	-0.192	-0.284	-0.151	-0.24	-0.397
Mother age 25-34	0.805	1.125	1.028	1.166	0.656+	0.815	0.9
	-0.254	-0.152	-0.162	-0.249	-0.147	-0.185	-0.3
Single parent	0.942	1.165	1.191	1.401*	1.378*	1.655***	1.468+
	-0.245	-0.112	-0.134	-0.199	-0.213	-0.248	-0.295
UK ethnicity	3.471+	0.779	1.265	1.564	1.069	0.729	1.24
	-2.459	-0.132	-0.262	-0.482	-0.334	-0.204	-0.546
English as first language	0.661	1.460+	0.602*	1.087	1.168	1.403	0.674
	-0.389	-0.334	-0.145	-0.411	-0.456	-0.542	-0.331
Mother hostile		0.831	5.231				
		-0.977	-5.668				
Father hostile		1.174	1.088		2.133	2.21	5.177
		-1.213	-1.17		-2.77	-2.693	-6.942
No Maternal interest	2.207	1.252	1.595	1.17	0.78	0.79	1.189
	-1.845	-0.511	-0.726	-0.647	-0.421	-0.451	-0.915
Low maternal interest	1.707	1.085	0.809	1.39	0.400*	0.647	0.812
	-0.994	-0.27	-0.223	-0.496	-0.161	-0.256	-0.405
Medium maternal interest	1.065	0.873	0.893	1.082	1.065	0.85	1.112
	-0.279	-0.091	-0.109	-0.166	-0.2	-0.163	-0.28
Maternal interest unknown	1.067	0.818+	0.943	0.725*	1.268	1.225	1.137
	-0.288	-0.085	-0.113	-0.116	-0.232	-0.216	-0.28
No paternal interest	1.108	0.896	0.523	0.875	1.34	1.256	0.495
	-0.815	-0.315	-0.217	-0.406	-0.654	-0.628	-0.367
Low paternal interest	0.121+	1.195	1.526	0.898	2.366*	1.256	1.67
	-0.137	-0.316	-0.437	-0.366	-0.905	-0.516	-0.854
Medium paternal interest	0.989	1.114	0.963	1.005	0.848	0.701	0.699
	-0.294	-0.135	-0.141	-0.185	-0.204	-0.171	-0.234
Paternal interest unknown	0.737	1.071	1.091	1.049	0.971	0.996	0.999
	-0.194	-0.107	-0.131	-0.161	-0.189	-0.184	-0.261
Maternal depression age 5	0.907	1.164+	1.061	0.997	1.241	1.142	1.285
	-0.219	-0.106	-0.113	-0.138	-0.194	-0.178	-0.269
Parents approve of activities	0.873	0.897+	0.853*	0.921	0.809*	0.865	0.783+
	-0.124	-0.054	-0.058	-0.084	-0.081	-0.087	-0.104

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Making a positive contribution			Economic wellbeing			Workless HH with children
	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	
Parents approve of friends	1.118	1.088	0.893	1.092	0.843	0.853	0.886
	-0.179	-0.07	-0.065	-0.108	-0.09	-0.092	-0.127
SES 1/2 (%)	0.994	0.998	1.002	1	0.995	1	0.998
	-0.007	-0.002	-0.003	-0.004	-0.005	-0.005	-0.007
Ethnic minority (%)	0.989	0.991	1	1.011	1.007	1.002	1.017
	-0.019	-0.008	-0.009	-0.011	-0.013	-0.013	-0.017
High academic level (%)	1.001	0.998	1.001	0.981**	1	1	0.996
	-0.01	-0.004	-0.004	-0.006	-0.006	-0.006	-0.008
Neighbourhood is good age 16	0.893	0.848**	0.861*	1.096	1.137	1.014	1.082
	-0.129	-0.049	-0.06	-0.098	-0.123	-0.106	-0.157
Maths test age 10	0.777+	0.962	0.853*	0.793**	0.912	0.844+	0.94
	-0.108	-0.053	-0.056	-0.066	-0.092	-0.084	-0.125
Reading test age 10	1.027	0.904+	1.047	0.915	1.086	1.012	0.906
	-0.147	-0.052	-0.07	-0.077	-0.11	-0.102	-0.121
Self efficacy age 10	0.995	0.944	0.886*	1.041	1.026	1.063	0.953
	-0.103	-0.038	-0.042	-0.064	-0.074	-0.078	-0.091
Locus of control age 10	1.203+	1.022	1.023	0.91	1.004	1.044	1.019
	-0.131	-0.044	-0.053	-0.059	-0.08	-0.083	-0.108
Externalising behaviours age 10	0.908	1.08	1.019	0.871+	1.199*	1.203*	1.339**
	-0.118	-0.055	-0.058	-0.068	-0.098	-0.099	-0.143
Internalising behaviours age 10	1.008	0.949	0.962	0.972	0.809*	0.857+	0.823+
	-0.119	-0.044	-0.052	-0.068	-0.068	-0.071	-0.092
Peer relations age 10	0.942	1.084*	0.895*	0.998	0.841*	0.891+	0.964
	-0.09	-0.042	-0.041	-0.059	-0.058	-0.062	-0.092
Sleeping problems age 10	1.019	0.981	1.044	1.037	1.022	1.033	1.092
	-0.159	-0.061	-0.075	-0.097	-0.112	-0.11	-0.158
Soiling probs b/w 5&10	0.660+	1.008	1.14	1.125	1.323**	1.327**	1.18
	-0.148	-0.073	-0.092	-0.128	-0.14	-0.137	-0.172
Eating probs age 10	1.064	0.974	1.01	1.108+	1.075	1.149*	1.133
	-0.101	-0.037	-0.045	-0.063	-0.072	-0.074	-0.099
Vocabulary score age 5	0.986**	0.996+	0.994*	0.998	0.990**	0.994+	0.993
	-0.005	-0.002	-0.002	-0.003	-0.004	-0.003	-0.005
Copying score age 5	1.002	1.004*	0.998	0.993**	0.993*	0.996	0.999

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Making a positive contribution				Economic wellbeing		
	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children
	-0.004	-0.002	-0.002	-0.003	-0.003	-0.003	-0.004
Externalising behaviours age 5	0.884	1.04	0.955	1.042	0.903	0.911	0.884
	-0.11	-0.05	-0.054	-0.076	-0.077	-0.076	-0.102
Internalising behaviours age 5	1.057	1.045	1.096+	0.957	1.096	1.047	0.975
	-0.116	-0.046	-0.056	-0.065	-0.085	-0.081	-0.105
Does homework after school (16)	0.826	0.819*	0.766*	0.562***	0.775	0.803	0.757
	-0.199	-0.07	-0.082	-0.081	-0.139	-0.134	-0.187
Reads for pleasure after school (16)	0.542**	0.822**	1.03	1.011	1.071	1.126	0.999
	-0.114	-0.06	-0.09	-0.114	-0.145	-0.148	-0.181
Helps at home (16)	0.979	0.955	0.998	1.002	1.128	1.190*	1.382**
	-0.115	-0.043	-0.054	-0.069	-0.092	-0.095	-0.148
Has been to pub in last 2 weeks (16)	1.211	1.048	0.935	0.873	0.931	0.949	0.907
	-0.257	-0.085	-0.09	-0.108	-0.14	-0.138	-0.183
Has truanted (16)	0.731+	1.048	0.978	0.94	1.307*	1.044	1.037
	-0.128	-0.071	-0.079	-0.098	-0.164	-0.128	-0.174
Smokes at 16	1.127	0.957	1.345**	1.480**	1.687***	1.562**	1.533*
	-0.244	-0.087	-0.141	-0.201	-0.255	-0.239	-0.307
Has had alcoholic drink in last week (16)	1.018	0.99	0.926*	0.897*	0.871*	0.828**	0.826*
	-0.069	-0.029	-0.033	-0.043	-0.05	-0.049	-0.067
CM engaged in anti-social acts (16)	1.01	1.004	0.989	0.996	0.994	0.987	0.999
	-0.013	-0.006	-0.007	-0.01	-0.011	-0.011	-0.015
Close friends engaged in antisocial acts	1.032	0.999	1.021+	1.009	1.027	1.021	1.019
	-0.02	-0.011	-0.012	-0.016	-0.017	-0.017	-0.023
Close friends engaged in antisocial acts	0.933	1.02	1.015	0.972	0.952	1.069	0.99
	-0.071	-0.034	-0.038	-0.055	-0.054	-0.052	-0.074
Causal friends engaged in antisocial acts	0.892	1.015	0.991	1.021	1.022	0.95	1.023
	-0.073	-0.031	-0.035	-0.048	-0.055	-0.053	-0.073
Acquaintances engaged in antisocial acts	1.053	0.978	0.97	1.007	1.044	1.026	1.022
	-0.049	-0.021	-0.024	-0.032	-0.038	-0.037	-0.05

**Table 2.2: Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Combinations of Other Activities**

	Making a positive contribution				Economic wellbeing		Workless HH with children
	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	
Locus of control age 16	0.944+	0.959***	0.955**	0.958*	0.98	0.947*	0.943*
	-0.028	-0.012	-0.014	-0.018	-0.022	-0.021	-0.028
Wants to stay on at 16	0.795*	0.975	0.931	0.807***	0.788**	0.948	0.781*
	-0.087	-0.042	-0.047	-0.052	-0.061	-0.073	-0.082
Self efficacy age 16	0.987	0.991	0.931***	0.935***	0.960*	0.978	0.963
	-0.026	-0.011	-0.012	-0.015	-0.018	-0.018	-0.024
General conduct disorder (16)	1.168	0.959	1.115*	1.128+	1.01	0.982	0.926
	-0.12	-0.041	-0.053	-0.071	-0.072	-0.071	-0.09
Clumsy/naughty	1.154	0.979	1.098*	0.97	1.103	1.140*	0.933
	-0.101	-0.042	-0.052	-0.066	-0.072	-0.072	-0.093
Clumsy/ frustrated	1.097	0.993	1.043	1.017	0.911	0.885+	0.922
	-0.115	-0.045	-0.053	-0.069	-0.06	-0.057	-0.083
Low aggression/moderate internalising	0.9	0.912*	0.936	0.865*	0.777***	0.903	0.89
	-0.089	-0.04	-0.046	-0.056	-0.054	-0.064	-0.085
Constant	0.425	0.872	5.897***	0.536	0.788	0.704	0.133+
	-0.538	-0.41	-3.172	-0.406	-0.639	-0.564	-0.146

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Being Healthy			Psychiatric Disturbance	Parenthood & marital status			Staying safe Temp/Social Housing
	Smoker	Obesity	Depressed		Single, divorced, separated	Teen parent	Single Parent	
Frequency of Sports attendance	0.99	0.998	0.955	1.022	0.934**	0.879*	0.974	0.851***
	-0.027	-0.033	-0.032	-0.029	-0.023	-0.057	-0.055	-0.036
Went to YC and sports/community centre	0.901	0.891	0.914	0.768+	0.956	1.365	1.234	1.109
	-0.111	-0.14	-0.138	-0.107	-0.108	-0.319	-0.291	-0.187
Went to sports and uniformed	0.97	0.853	1.01	1.485*	1.06	0.968	1.011	0.646*
	-0.14	-0.157	-0.183	-0.233	-0.143	-0.295	-0.295	-0.141
Went to sports and church groups	1.365*	1.455*	1.143	1.295	0.727*	0.655	0.793	1.22
	-0.206	-0.273	-0.214	-0.204	-0.103	-0.228	-0.242	-0.281
CM Female	0.809*	1.157	1.539***	1.386***	0.681***	7.838***	22.738***	1.322*
	-0.068	-0.119	-0.16	-0.125	-0.05	-2.008	-8.339	-0.162
Low income	0.879	1.009	1.21	1.184	0.971	1.464	0.882	1.089
	-0.123	-0.171	-0.193	-0.175	-0.123	-0.419	-0.234	-0.2
Medium income	0.815*	0.914	1.007	1.078	1.015	1.04	1.011	0.787+
	-0.07	-0.099	-0.107	-0.098	-0.077	-0.227	-0.187	-0.108
Medium SES	1.012	1.176	1.041	0.97	0.957	1.760*	1.031	1.435*
	-0.097	-0.14	-0.123	-0.097	-0.08	-0.466	-0.211	-0.228
Low SES	1.068	1.241	1.024	0.924	0.936	1.747+	1.061	2.035***
	-0.157	-0.217	-0.178	-0.145	-0.125	-0.573	-0.303	-0.411
Low parental education	1	1.486*	0.844	0.787+	0.802*	1.148	0.974	1.151
	-0.129	-0.234	-0.13	-0.105	-0.09	-0.378	-0.269	-0.23
Medium parental education	1.093	1.107	0.83	0.813+	0.897	0.926	1.191	0.928
	-0.117	-0.152	-0.109	-0.089	-0.082	-0.291	-0.293	-0.172
Birth weight	1.011	1.153	0.844+	0.848*	0.861*	0.919	0.916	0.901
	-0.075	-0.103	-0.074	-0.066	-0.057	-0.148	-0.136	-0.093
No. older sibs at birth	1.058	0.95	1.076	1.039	1.011	1.295***	1.154+	1.115*
	-0.044	-0.048	-0.052	-0.045	-0.038	-0.099	-0.088	-0.06
No. younger sibs at 10	1.04	1.104	1.005	0.954	0.931	1.107	1.143	1.162*
	-0.056	-0.071	-0.063	-0.055	-0.046	-0.113	-0.109	-0.082
Mother age 14-18	1.399	0.548+	1.158	0.555*	0.650+	2.369+	2.465+	1.001
	-0.344	-0.172	-0.326	-0.151	-0.151	-1.162	-1.135	-0.329
Mother age 19-24	1.138	0.649*	0.926	0.76	0.819	1.394	1.615	0.912
	-0.191	-0.128	-0.182	-0.128	-0.12	-0.531	-0.586	-0.217

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Being Healthy			Psychiatric Disturbance	Parenthood & marital status			Staying safe Temp/Social Housing
	Smoker	Obesity	Depressed		Single, divorced, separated	Teen parent	Single Parent	
Mother age 25-34	0.912	0.833	0.864	0.742*	0.961	1.16	1.226	0.836
	-0.137	-0.145	-0.151	-0.11	-0.125	-0.399	-0.407	-0.179
Single parent	1.197+	0.908	1.138	1.03	1.220*	1.054	1.695**	1.263+
	-0.13	-0.125	-0.141	-0.118	-0.119	-0.216	-0.309	-0.177
UK ethnicity	0.786	1.05	1.061	0.668*	0.85	1.535	1.148	1.559
	-0.15	-0.253	-0.243	-0.123	-0.142	-0.704	-0.447	-0.482
English as first language	1.568+	1.528	0.665	0.886	1.064	0.976	0.803	2.355*
	-0.416	-0.504	-0.182	-0.216	-0.229	-0.509	-0.375	-1.001
Mother hostile	1.05	1.112	1.447	3.257	3.186	6.612	12.380*	0.572
	-1.256	-1.289	-1.772	-3.174	-3.036	-8.549	-15.271	-0.806
Father hostile	4.702		2.139	1.285	1.829	2.185	8.91	0.684
	-5.632		-2.407	-1.529	-1.871	-3.148	-15.492	-0.859
No Maternal interest	1.363	0.622	0.906	0.662	0.658	4.170*	1.067	1.449
	-0.601	-0.338	-0.452	-0.363	-0.278	-2.671	-0.776	-0.665
Low maternal interest	1.549	0.982	1.046	0.996	0.519*	1.002	1.465	0.884
	-0.42	-0.323	-0.324	-0.302	-0.139	-0.52	-0.645	-0.283
Medium maternal interest	0.851	1.064	0.785+	0.918	0.931	1.35	1.03	0.912
	-0.101	-0.149	-0.111	-0.116	-0.098	-0.338	-0.235	-0.15
Maternal interest unknown	0.99	1.002	0.977	1.015	0.883	1.277	1.024	0.99
	-0.116	-0.143	-0.133	-0.124	-0.092	-0.325	-0.231	-0.16
No paternal interest	1.192	1.261	0.552	0.426+	1.307	0.482	0.72	0.96
	-0.445	-0.536	-0.252	-0.213	-0.465	-0.317	-0.477	-0.403
Low paternal interest	1.053	1.033	0.812	0.956	1.544	1.339	1.36	1.44
	-0.307	-0.367	-0.283	-0.311	-0.422	-0.724	-0.671	-0.498
Medium paternal interest	0.919	1.185	0.909	0.846	0.985	1.084	0.773	0.844
	-0.128	-0.194	-0.153	-0.126	-0.121	-0.344	-0.23	-0.179
Paternal interest unknown	0.998	1.002	0.988	1.059	1.243*	0.774	1.042	1.11
	-0.114	-0.14	-0.134	-0.126	-0.125	-0.212	-0.243	-0.188
Maternal depression age 5	0.949	1.123	1.084	0.975	0.975	0.861	1.068	1.212
	-0.1	-0.139	-0.131	-0.107	-0.092	-0.189	-0.213	-0.166
Parents approve of activities	0.987	1.02	0.783**	0.92	1.061	0.801+	0.885	0.719***
	-0.067	-0.086	-0.059	-0.065	-0.065	-0.104	-0.113	-0.064
Parents approve of friends	0.925	0.967	0.918	0.917	0.828**	0.966	0.909	0.939

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Being Healthy			Psychiatric Disturbance	Parenthood & marital status			Staying safe Temp/Social Housing
	Smoker	Obesity	Depressed		Single, divorced, separated	Teen parent	Single Parent	
SES 1/2 (%)	-0.066	-0.085	-0.075	-0.068	-0.053	-0.136	-0.123	-0.09
	1.003	0.996	0.999	1.001	1.003	0.981*	0.996	0.994
Ethnic minority (%)	-0.003	-0.003	-0.003	-0.003	-0.002	-0.008	-0.006	-0.005
	1.009	1.013	1.004	1.009	0.998	0.989	1.018	0.996
High academic level (%)	-0.009	-0.01	-0.01	-0.009	-0.008	-0.017	-0.016	-0.011
	0.998	1.003	0.996	1.002	1.004	1.005	1	1.004
Neighbourhood is good age 16	-0.004	-0.005	-0.005	-0.004	-0.003	-0.008	-0.007	-0.005
	0.883+	1.06	0.903	0.953	0.996	1.017	1.03	1.087
Maths test age 10	-0.058	-0.085	-0.071	-0.066	-0.058	-0.147	-0.137	-0.105
	0.968	1.103	0.841*	0.895+	1.031	1.126	0.977	0.876
Reading test age 10	-0.061	-0.084	-0.063	-0.06	-0.058	-0.153	-0.121	-0.077
	1.017	0.864+	1.053	1.056	0.978	0.924	0.957	0.927
Self efficacy age 10	-0.066	-0.067	-0.081	-0.073	-0.057	-0.124	-0.12	-0.081
	0.966	0.92	0.926	0.858**	0.979	1.041	1.009	1.028
Locus of control age 10	-0.045	-0.051	-0.05	-0.041	-0.04	-0.099	-0.088	-0.066
	0.979	1	1.056	1.180**	0.999	0.928	0.997	0.925
Externalising behaviours age 10	-0.048	-0.059	-0.062	-0.061	-0.044	-0.099	-0.097	-0.065
	1.073	0.894	0.962	1.004	1.02	1.138	1.191+	1.114
Internalising behaviours age 10	-0.061	-0.063	-0.063	-0.06	-0.052	-0.125	-0.123	-0.081
	0.95	0.929	1.09	1.002	0.986	0.88	0.953	0.868+
Peer relations age 10	-0.05	-0.059	-0.065	-0.054	-0.046	-0.098	-0.095	-0.064
	0.958	0.791***	0.864**	0.888**	0.880***	0.783**	0.935	0.755***
Sleeping problems age 10	-0.042	-0.041	-0.044	-0.04	-0.034	-0.073	-0.08	-0.046
	1.012	0.912	1.066	1.085	1.086	0.909	1.023	1.021
Soiling probs b/w 5&10	-0.07	-0.082	-0.083	-0.075	-0.066	-0.14	-0.138	-0.101
	1.167+	1.198*	1.022	1.132	1.051	1.078	1.016	1.082
Eating probs age 10	-0.093	-0.109	-0.095	-0.094	-0.076	-0.168	-0.157	-0.11
	1.038	1.001	1.120*	1.026	1.009	1.101	1.042	0.995
Vocabulary score age 5	-0.045	-0.053	-0.054	-0.046	-0.039	-0.097	-0.086	-0.06
	0.997	1.005+	0.997	1.001	0.997	0.989*	0.994	0.997
Copying score age 5	-0.002	-0.003	-0.003	-0.002	-0.002	-0.005	-0.004	-0.003
	1.002	0.998	1	1	0.997	1	0.999	0.994*
	-0.002	-0.002	-0.002	-0.002	-0.002	-0.004	-0.004	-0.003

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Being Healthy			Psychiatric Disturbance	Parenthood & marital status			Staying safe Temp/Social Housing
	Smoker	Obesity	Depressed		Single, divorced, separated	Teen parent	Single Parent	
Externalising behaviours age 5	1.062	1.142*	0.992	1.113+	0.954	0.954	0.966	1.096
	-0.058	-0.075	-0.064	-0.063	-0.047	-0.111	-0.104	-0.081
Internalising behaviours age 5	0.963	0.926	1.023	1.077	0.995	1.072	1.009	0.998
	-0.048	-0.056	-0.059	-0.055	-0.044	-0.114	-0.098	-0.069
Does homework after school (16)	0.907	0.96	0.82	1.057	1.111	0.759	0.744	0.676*
	-0.089	-0.115	-0.1	-0.106	-0.094	-0.188	-0.16	-0.11
Reads for pleasure after school (16)	0.965	1.089	1.01	1.289**	1.009	1.141	1.073	1.11
	-0.08	-0.109	-0.1	-0.111	-0.074	-0.203	-0.177	-0.133
Helps at home (16)	1.08	1.031	1.134*	1.014	1.043	1.197+	1.443***	1.257**
	-0.055	-0.064	-0.069	-0.055	-0.047	-0.127	-0.142	-0.091
Has been to pub in last 2 weeks (16)	1.048	1.111	0.922	0.793*	0.889	0.710+	0.787	0.919
	-0.097	-0.123	-0.101	-0.076	-0.071	-0.144	-0.148	-0.122
Has truanted (16)	1.200*	0.896	0.959	0.955	0.955	0.948	1.167	1.423**
	-0.091	-0.085	-0.089	-0.078	-0.066	-0.16	-0.182	-0.158
Smokes at 16	6.367***	0.836	1.142	0.985	0.883	2.194***	1.287	1.680***
	-0.61	-0.109	-0.136	-0.108	-0.084	-0.414	-0.243	-0.225
Has had alcoholic drink in last week (16)	0.969	1.017	0.98	1.019	0.927*	0.978	0.999	0.842***
	-0.032	-0.041	-0.039	-0.035	-0.028	-0.068	-0.068	-0.043
CM engaged in anti-social acts (16)	1.017*	1.002	1.004	1.013+	0.998	1.013	1.014	1.001
	-0.007	-0.009	-0.008	-0.008	-0.006	-0.013	-0.015	-0.01
Close friends engaged in antisocial acts	1.008	0.994	1.014	0.988	0.992	0.998	0.985	1.012
	-0.012	-0.015	-0.014	-0.013	-0.011	-0.022	-0.024	-0.015
Close friends engaged in antisocial acts	0.987	1.012	0.952	1.001	1.029	1.091	0.961	1.033
	-0.036	-0.047	-0.042	-0.039	-0.034	-0.067	-0.079	-0.048
Causal friends engaged in antisocial acts	1.016	0.956	1.009	1.001	1.036	1.066	1.104	1.033
	-0.034	-0.044	-0.04	-0.036	-0.032	-0.069	-0.07	-0.049
Acquaintances engaged in antisocial acts	0.988	0.984	1.049+	0.992	1.003	0.991	0.916+	0.969
	-0.023	-0.029	-0.028	-0.025	-0.021	-0.048	-0.048	-0.033
Locus of control age 16	0.956**	0.99	0.954**	0.966*	0.971*	0.935*	0.937*	0.97

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Being Healthy				Parenthood & marital status			Staying safe
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent	Temp/Social Housing
Wants to stay on at 16	-0.014	-0.017	-0.016	-0.015	-0.013	-0.026	-0.026	-0.019
	0.957	0.999	0.977	1.059	1.093*	0.757**	0.939	0.850*
Self efficacy age 16	-0.047	-0.059	-0.057	-0.056	-0.048	-0.08	-0.09	-0.059
	1.013	0.98	0.903***	0.940***	0.971**	1.03	0.947*	0.942***
General conduct disorder (16)	-0.012	-0.014	-0.013	-0.012	-0.01	-0.027	-0.022	-0.016
	1.021	1.002	1.119*	1.123*	0.965	1.304**	0.914	1.038
Clumsy/naughty	-0.048	-0.059	-0.059	-0.054	-0.041	-0.113	-0.083	-0.066
	0.946	1.029	1.073	0.975	1.077+	0.730**	1.064	0.905
Clumsy/ frustrated	-0.046	-0.057	-0.057	-0.049	-0.046	-0.084	-0.092	-0.06
	1.005	0.976	1.078	1.007	0.924+	1.001	0.869+	0.95
Low aggression/moderate internalising	-0.051	-0.058	-0.062	-0.053	-0.041	-0.094	-0.073	-0.06
	0.822***	0.876*	0.992	0.992	0.941	0.932	0.865	0.857*
Constant	-0.04	-0.051	-0.056	-0.052	-0.042	-0.087	-0.079	-0.054
	0.312*	0.055***	6.993**	3.324*	6.248***	0.009***	0.012***	0.312
	-0.165	-0.036	-4.231	-1.782	-2.91	-0.01	-0.012	-0.237

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Staying safe			Achieving			Making a positive contribution
	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender
Frequency of Sports attendance	0.909	1.008	0.99	0.902***	0.888***	0.983	0.996
	-0.055	-0.049	-0.034	-0.028	-0.027	-0.031	-0.034
Went to YC and sports/community centre	0.893	1.259	0.945	1.440**	1.545***	1.966***	1.178
	-0.226	-0.25	-0.148	-0.186	-0.196	-0.324	-0.17
Went to sports and uniformed	1.233	0.877	1.285	0.842	0.731*	0.613**	1.03
	-0.378	-0.207	-0.239	-0.135	-0.115	-0.11	-0.175
Went to sports and church groups	0.833	1.014	0.821	0.806	0.665*	0.823	1.249
	-0.278	-0.258	-0.163	-0.14	-0.114	-0.146	-0.227
CM Female	1.739**	0.362***	0.964	0.959	0.899	1.176+	0.165***
	-0.315	-0.054	-0.101	-0.09	-0.082	-0.114	-0.018
Low income	1.204	0.819	0.855	0.787	0.785	1.549*	1.122
	-0.316	-0.202	-0.147	-0.12	-0.117	-0.288	-0.191
Medium income	0.894	0.924	0.967	0.796*	0.796*	1.313**	0.796*
	-0.164	-0.143	-0.107	-0.081	-0.077	-0.122	-0.088
Medium SES	1.228	1.065	0.88	1.343*	1.300*	1.11	0.912
	-0.257	-0.182	-0.109	-0.154	-0.141	-0.113	-0.11
Low SES	1.231	0.982	0.946	1.732***	1.478*	1.252	1.182
	-0.377	-0.262	-0.168	-0.272	-0.228	-0.248	-0.212
Low parental education	0.848	1.026	1.123	1.437*	1.618***	2.109***	1.168
	-0.234	-0.232	-0.186	-0.218	-0.234	-0.304	-0.189
Medium parental education	1.184	1.034	1.098	1.284+	1.294*	1.832***	1.159
	-0.28	-0.196	-0.158	-0.177	-0.169	-0.196	-0.16
Birth weight	1.154	0.957	0.878	0.987	1.036	0.887	0.918
	-0.178	-0.122	-0.079	-0.08	-0.083	-0.079	-0.084
No. older sibs at birth	1.175*	1.024	1.110*	1.052	1.038	1.074	0.994
	-0.093	-0.075	-0.055	-0.047	-0.046	-0.058	-0.052
No. younger sibs at 10	1.092	1.002	0.974	0.994	1.008	0.998	1.083
	-0.11	-0.097	-0.065	-0.058	-0.059	-0.067	-0.072
Mother age 14-18	1.596	1.151	1.11	1.406	1.043	2.047*	0.731
	-0.777	-0.474	-0.336	-0.377	-0.278	-0.659	-0.227
Mother age 19-24	1.386	0.83	0.951	1.028	0.91	1.840**	0.859

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Staying safe			Achieving			Making a positive contribution
	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender
	-0.503	-0.239	-0.198	-0.194	-0.168	-0.353	-0.178
Mother age 25-34	1.028	0.867	1.107	0.915	0.788	1.316	0.749
	-0.338	-0.222	-0.203	-0.155	-0.132	-0.224	-0.14
Single parent	1.252	1.133	1.207	0.892	0.981	0.791+	1.176
	-0.246	-0.211	-0.159	-0.109	-0.116	-0.104	-0.161
UK ethnicity	1.447	0.835	0.766	1.23	1.237	1.303	0.755
	-0.595	-0.277	-0.175	-0.292	-0.281	-0.273	-0.179
English as first language	0.503	2.970+	1.007	1.099	1.351	1.349	1.095
	-0.228	-1.827	-0.303	-0.323	-0.391	-0.353	-0.343
Mother hostile	7.868		1.26	2.977	1.725	1.027	1.34
	-10.068		-1.616	-3.251	-1.942	-1.549	-1.789
Father hostile	3.142	2.427		0.541	0.577		0.811
	-4.346	-3.116		-0.659	-0.63		-0.983
No Maternal interest	0.783	0.471	0.868	1.148	2.444+	1.946	0.701
	-0.692	-0.587	-0.434	-0.501	-1.153	-2.038	-0.346
Low maternal interest	0.551	2.385*	0.818	0.752	1.055	2.303	1.138
	-0.304	-1.003	-0.265	-0.214	-0.306	-1.293	-0.372
Medium maternal interest	1.024	1.044	1.265	0.925	1.047	1.308+	1.036
	-0.24	-0.229	-0.186	-0.119	-0.13	-0.198	-0.153
Maternal interest unknown	1.106	1.401	1.079	1.146	1.229	0.769+	0.879
	-0.254	-0.293	-0.159	-0.147	-0.154	-0.108	-0.131
No paternal interest	0.969	0.123+	1.02	1.157	0.675	0.514	2.335*
	-0.767	-0.135	-0.441	-0.432	-0.262	-0.378	-0.978
Low paternal interest	1.186	0.653	1.098	1.271	1.087	1.268	1.15
	-0.684	-0.315	-0.365	-0.388	-0.342	-0.669	-0.398
Medium paternal interest	1.022	0.646+	0.768	0.932	1.059	1.107	1.011
	-0.308	-0.167	-0.137	-0.145	-0.158	-0.181	-0.177
Paternal interest unknown	1.395	0.787	0.901	0.885	0.864	1.158	1.163
	-0.339	-0.163	-0.132	-0.115	-0.109	-0.151	-0.171
Maternal depression age 5	1.093	1.163	0.902	0.951	0.916	1.163	1.079
	-0.224	-0.205	-0.117	-0.109	-0.103	-0.154	-0.14
Parents approve of activities	0.821	1.061	0.916	0.840*	0.840*	1.081	0.844*

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Staying safe			Achieving			Making a positive contribution
	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender
	-0.103	-0.124	-0.074	-0.062	-0.061	-0.09	-0.068
Parents approve of friends	0.842	0.819+	0.898	1.089	1.138+	0.978	0.849+
	-0.112	-0.098	-0.077	-0.086	-0.088	-0.087	-0.072
SES 1/2 (%)	1.007	0.997	0.998	0.991*	0.990**	0.986***	0.993*
	-0.006	-0.005	-0.004	-0.004	-0.003	-0.003	-0.004
Ethnic minority (%)	0.976	1.003	1.012	0.996	0.996	0.978*	1.003
	-0.018	-0.015	-0.01	-0.009	-0.009	-0.011	-0.01
High academic level (%)	1.014*	0.994	1.001	0.995	0.998	0.997	0.994
	-0.007	-0.008	-0.005	-0.004	-0.004	-0.005	-0.005
Neighbourhood is good age 16	1.015	0.96	0.908	0.974	0.999	1.041	0.996
	-0.14	-0.113	-0.075	-0.072	-0.072	-0.077	-0.084
Maths test age 10	1.039	1.13	0.803**	0.820**	0.717***	0.646***	0.978
	-0.136	-0.13	-0.062	-0.057	-0.049	-0.05	-0.078
Reading test age 10	0.888	0.905	1.083	0.773***	0.728***	0.728***	1.031
	-0.116	-0.104	-0.086	-0.053	-0.049	-0.061	-0.084
Self efficacy age 10	0.902	0.982	0.873*	1.058	1.083	1.105+	1.006
	-0.083	-0.083	-0.05	-0.054	-0.054	-0.061	-0.06
Locus of control age 10	1.143	0.993	1.141*	0.891*	0.845**	0.792***	1.065
	-0.117	-0.088	-0.07	-0.049	-0.045	-0.046	-0.066
Externalising behaviours age 10	1.219+	0.921	1.071	1.089	1.067	0.944	1.219**
	-0.128	-0.087	-0.072	-0.066	-0.064	-0.069	-0.085
Internalising behaviours age 10	0.769*	1.127	0.951	0.931	0.903+	1.002	0.801**
	-0.082	-0.101	-0.062	-0.054	-0.051	-0.062	-0.055
Peer relations age 10	0.895	0.897	0.837***	1.079	1.051	1.03	0.999
	-0.078	-0.068	-0.045	-0.054	-0.051	-0.053	-0.055
Sleeping problems age 10	1.138	1.218+	0.941	1.007	1.102	0.851*	0.992
	-0.145	-0.128	-0.083	-0.079	-0.083	-0.069	-0.087
Soiling probs b/w 5&10	1.067	0.956	0.922	0.953	1.033	1.029	1.125
	-0.153	-0.132	-0.093	-0.085	-0.09	-0.113	-0.108
Eating probs age 10	0.964	1.037	0.973	0.917+	0.963	1.012	0.969
	-0.084	-0.076	-0.053	-0.044	-0.045	-0.053	-0.054
Vocabulary score age 5	1	0.999	0.994*	1	0.998	0.999	1.001

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Staying safe			Achieving			Making a positive contribution
	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender
	-0.004	-0.004	-0.003	-0.002	-0.002	-0.002	-0.003
Copying score age 5	0.998	0.998	0.997	0.996+	0.994**	0.994**	1.001
	-0.004	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002
Externalising behaviours age 5	0.901	1.023	1.006	1.003	1.037	1.076	1.091
	-0.099	-0.095	-0.068	-0.06	-0.061	-0.073	-0.073
Internalising behaviours age 5	1.245*	0.947	0.996	0.96	0.96	0.97	0.974
	-0.122	-0.081	-0.061	-0.053	-0.051	-0.058	-0.061
Does homework after school (16)	0.631*	0.859	0.909	0.571***	0.471***	0.575***	0.746*
	-0.147	-0.152	-0.116	-0.07	-0.055	-0.056	-0.096
Reads for pleasure after school (16)	0.982	1.213	1.044	0.979	0.897	0.860+	1.077
	-0.172	-0.176	-0.109	-0.092	-0.081	-0.079	-0.115
Helps at home (16)	0.986	1.165+	0.973	0.943	0.941	1.056	1.059
	-0.104	-0.106	-0.062	-0.054	-0.052	-0.062	-0.069
Has been to pub in last 2 weeks (16)	0.956	1.004	0.765*	1.143	1.136	1.332**	0.966
	-0.188	-0.164	-0.088	-0.118	-0.114	-0.136	-0.113
Has truanted (16)	1.223	1.145	1.128	1.102	1.09	1.156	1.349**
	-0.197	-0.156	-0.109	-0.094	-0.09	-0.104	-0.129
Smokes at 16	1.192	1.370+	1.084	1.329**	1.497***	1.865***	1.406**
	-0.226	-0.233	-0.136	-0.143	-0.159	-0.259	-0.169
Has had alcoholic drink in last week (16)	0.961	0.968	0.933	1.002	0.994	0.964	1.017
	-0.065	-0.055	-0.04	-0.037	-0.035	-0.037	-0.039
CM engaged in anti-social acts (16)	1.022+	1.025*	0.999	0.983*	0.977**	0.980*	1.032***
	-0.013	-0.011	-0.009	-0.007	-0.007	-0.009	-0.008
Close friends engaged in antisocial acts	0.971	0.973	1.016	1.023+	1.033**	1.043*	0.991
	-0.022	-0.019	-0.014	-0.013	-0.013	-0.02	-0.013
Close friends engaged in antisocial acts	1.087	1.029	0.993	0.988	1.01	0.986	1.064
	-0.058	-0.052	-0.044	-0.041	-0.04	-0.046	-0.042
Causal friends engaged in antisocial acts	1.160**	1.056	0.981	0.965	1.014	0.910*	1.015
	-0.06	-0.053	-0.042	-0.038	-0.037	-0.037	-0.039
Acquaintances engaged in antisocial acts	0.969	1.080*	1.004	0.989	0.999	1.001	0.986

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Staying safe			Achieving			Making a positive contribution
	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender
	-0.045	-0.038	-0.029	-0.026	-0.025	-0.027	-0.028
Locus of control age 16	0.969	1.021	0.932***	0.957**	0.968*	0.927***	0.942***
	-0.027	-0.026	-0.016	-0.015	-0.015	-0.017	-0.017
Wants to stay on at 16	0.944	1.004	0.956	0.614***	0.559***	0.414***	0.937
	-0.095	-0.088	-0.058	-0.032	-0.027	-0.028	-0.058
Self efficacy age 16	0.949*	0.991	0.964*	0.985	0.977+	0.984	0.995
	-0.023	-0.021	-0.014	-0.013	-0.013	-0.014	-0.015
General conduct disorder (16)	1.185+	1.191*	1.161**	1.069	1.075	1.041	1.063
	-0.103	-0.094	-0.065	-0.055	-0.054	-0.06	-0.063
Clumsy/naughty	1.1	1.119	1.158**	1.07	1.069	0.982	0.919
	-0.09	-0.077	-0.061	-0.054	-0.054	-0.06	-0.056
Clumsy/ frustrated	0.967	0.829*	1.086	0.987	1.05	1.002	1.072
	-0.084	-0.061	-0.064	-0.052	-0.056	-0.067	-0.067
Low aggression/moderate internalising	0.844+	0.9	0.883*	0.908+	0.831***	0.708***	0.846**
	-0.075	-0.072	-0.05	-0.047	-0.043	-0.048	-0.048
Constant	0.090*	0.040**	3.881*	1.435	2.2	19.674***	1.578
	-0.093	-0.04	-2.462	-0.853	-1.285	-12.176	-1.025

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Making a positive contribution				Economic well-being			
	Serious Offender	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children
Frequency of Sports attendance	1.064	0.996	1.017	0.958	0.926*	0.964	0.939	0.971
	-0.088	-0.06	-0.024	-0.028	-0.035	-0.044	-0.043	-0.06
Went to YC and sports/community centre	1.44	1.197	1.034	1.098	1.014	0.937	0.884	0.994
	-0.449	-0.301	-0.113	-0.14	-0.166	-0.183	-0.178	-0.259
Went to sports and uniformed	0.991	0.875	0.854	1.034	0.650*	0.908	1.197	0.816
	-0.353	-0.283	-0.112	-0.16	-0.133	-0.22	-0.291	-0.279
Went to sports and church groups	1.595	0.58	0.899	0.873	1.658*	1.171	0.891	0.872
	-0.616	-0.229	-0.125	-0.144	-0.349	-0.297	-0.232	-0.317
CM Female	0.119***	0.370***	0.981	0.688***	2.026***	2.225***	1.225	3.982***
	-0.037	-0.069	-0.073	-0.061	-0.238	-0.325	-0.166	-0.894
Low income	0.578	1.184	1.153	0.92	0.821	1.231	0.917	0.897
	-0.224	-0.359	-0.143	-0.133	-0.155	-0.249	-0.191	-0.249
Medium income	0.506*	0.946	0.993	0.978	0.821+	0.728*	0.891	0.807
	-0.14	-0.184	-0.076	-0.091	-0.098	-0.11	-0.127	-0.162
Medium SES	1.572	0.858	1.042	1.226+	1.093	1.087	1.08	1.135
	-0.542	-0.178	-0.088	-0.128	-0.148	-0.187	-0.176	-0.26
Low SES	1.933	0.688	0.954	1.339+	1.318	1.447	1.159	1.235
	-0.839	-0.232	-0.125	-0.202	-0.257	-0.326	-0.264	-0.378
Low parental education	1.356	0.885	0.961	1.098	1.475*	0.993	0.884	0.839
	-0.575	-0.26	-0.108	-0.151	-0.267	-0.223	-0.186	-0.248
Medium parental education	1.059	1.329	0.972	1.061	1.316+	1.027	0.904	0.844
	-0.413	-0.324	-0.092	-0.127	-0.211	-0.209	-0.167	-0.226
Birth weight	1.268	1.02	1.07	1.005	0.939	0.857	0.963	0.964
	-0.284	-0.164	-0.07	-0.077	-0.095	-0.1	-0.111	-0.152
No. older sibs at birth	0.975	0.959	1.033	1.178***	1.117+	1.096	1.064	1.096
	-0.117	-0.09	-0.039	-0.05	-0.065	-0.066	-0.066	-0.091
No. younger sibs at 10	1.227	0.829	0.978	1.032	1.179*	1.153+	0.956	1.066
	-0.181	-0.107	-0.047	-0.057	-0.086	-0.09	-0.079	-0.112
Mother age 14-18	0.524	0.705	1.387	1.08	1.358	0.741	0.901	1.715
	-0.374	-0.4	-0.308	-0.281	-0.462	-0.269	-0.341	-0.832
Mother age 19-24	0.734	0.77	1.314+	1.089	1.169	0.620+	0.974	1.133

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Making a positive contribution				Economic well-being			
	Serious Offender	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children
Mother age 25-34	-0.346	-0.271	-0.198	-0.192	-0.279	-0.159	-0.25	-0.419
	0.682	0.792	1.141	1.031	1.16	0.680+	0.832	0.944
Single parent	-0.295	-0.246	-0.155	-0.162	-0.248	-0.153	-0.189	-0.315
	0.926	0.924	1.178+	1.166	1.388*	1.329+	1.601**	1.400+
UK ethnicity	-0.294	-0.238	-0.114	-0.131	-0.199	-0.206	-0.242	-0.282
	0.775	3.605+	0.803	1.22	1.696+	1.059	0.727	1.245
English as first language	-0.437	-2.56	-0.136	-0.251	-0.533	-0.33	-0.203	-0.548
	0.978	0.667	1.433	0.632+	0.971	1.192	1.414	0.68
Mother hostile	-0.748	-0.393	-0.329	-0.154	-0.367	-0.466	-0.549	-0.334
			1.152	5.797+				
			-1.114	-5.903				
Father hostile			1.093	1.124		2.295	2.508	5.199
			-1.131	-1.215		-2.992	-3.099	-7.049
No Maternal interest	1.676	3.119	1.304	1.605	1.171	0.734	0.641	1.101
	-1.497	-2.426	-0.525	-0.723	-0.65	-0.391	-0.37	-0.834
Low maternal interest	1.101	1.688	1.125	0.849	1.448	0.422*	0.645	0.83
	-0.693	-0.973	-0.28	-0.235	-0.515	-0.169	-0.255	-0.412
Medium maternal interest	0.749	1.059	0.869	0.894	1.106	1.039	0.857	1.11
	-0.256	-0.277	-0.09	-0.11	-0.171	-0.196	-0.164	-0.279
Maternal interest unknown	0.659	1.043	0.815*	0.948	0.724*	1.278	1.218	1.122
	-0.229	-0.281	-0.085	-0.115	-0.117	-0.234	-0.216	-0.277
No paternal interest	0.491	0.902	0.932	0.52	0.897	1.446	1.33	0.542
	-0.43	-0.643	-0.323	-0.214	-0.416	-0.693	-0.66	-0.396
Low paternal interest	2.131	0.124+	1.127	1.437	0.886	2.210*	1.313	1.701
	-1.486	-0.139	-0.301	-0.416	-0.359	-0.859	-0.538	-0.87
Medium paternal interest	0.96	0.983	1.121	0.944	1.003	0.872	0.714	0.683
	-0.437	-0.291	-0.136	-0.139	-0.185	-0.209	-0.174	-0.228
Paternal interest unknown	1.416	0.75	1.061	1.09	1.033	0.987	1.018	1.022
	-0.509	-0.196	-0.106	-0.131	-0.16	-0.192	-0.188	-0.266
Maternal depression age 5	1.788*	0.903	1.174+	1.067	0.955	1.253	1.166	1.281
	-0.506	-0.217	-0.108	-0.114	-0.133	-0.197	-0.183	-0.27
Parents approve of activities	0.816	0.883	0.901+	0.847*	0.927	0.806*	0.875	0.776+
	-0.152	-0.126	-0.055	-0.058	-0.085	-0.081	-0.088	-0.103

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Making a positive contribution					Economic well-being			
	Serious Offender	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children	
Parents approve of friends	0.877	1.086	1.093	0.897	1.087	0.836+	0.835+	0.862	
	-0.172	-0.173	-0.071	-0.065	-0.109	-0.089	-0.09	-0.123	
SES 1/2 (%)	0.982+	0.994	0.999	1.002	0.999	0.995	1	0.998	
	-0.01	-0.006	-0.002	-0.003	-0.004	-0.005	-0.005	-0.007	
Ethnic minority (%)	0.996	0.989	0.991	0.999	1.012	1.007	1.004	1.017	
	-0.025	-0.019	-0.008	-0.009	-0.011	-0.013	-0.013	-0.017	
High academic level (%)	0.987	1	0.998	1.002	0.981**	1	1.001	0.996	
	-0.014	-0.01	-0.004	-0.004	-0.006	-0.006	-0.006	-0.008	
Neighbourhood is good age 16	0.646*	0.92	0.849**	0.871*	1.091	1.156	1.023	1.108	
	-0.135	-0.132	-0.049	-0.06	-0.098	-0.126	-0.108	-0.16	
Maths test age 10	1.248	0.777+	0.964	0.854*	0.819*	0.923	0.856	0.936	
	-0.245	-0.107	-0.053	-0.056	-0.069	-0.093	-0.085	-0.124	
Reading test age 10	0.849	1.032	0.899+	1.045	0.882	1.068	1.003	0.904	
	-0.159	-0.146	-0.051	-0.07	-0.074	-0.108	-0.101	-0.121	
Self efficacy age 10	1.009	0.99	0.94	0.882**	1.026	1.014	1.068	0.965	
	-0.145	-0.102	-0.038	-0.042	-0.063	-0.074	-0.079	-0.092	
Locus of control age 10	0.730*	1.208+	1.017	1.032	0.923	1.014	1.041	1.015	
	-0.111	-0.131	-0.044	-0.053	-0.06	-0.081	-0.083	-0.108	
Externalising behaviours age 10	1.325+	0.912	1.100+	1.019	0.871+	1.203*	1.182*	1.329**	
	-0.204	-0.117	-0.056	-0.059	-0.068	-0.099	-0.098	-0.142	
Internalising behaviours age 10	0.604**	0.998	0.94	0.954	0.979	0.795**	0.874	0.835	
	-0.107	-0.117	-0.043	-0.051	-0.069	-0.067	-0.072	-0.093	
Peer relations age 10	0.946	0.938	1.077+	0.900*	0.991	0.838*	0.903	0.969	
	-0.124	-0.089	-0.042	-0.041	-0.059	-0.058	-0.063	-0.092	
Sleeping problems age 10	1.143	1.007	0.976	1.046	1.063	1.022	1.037	1.087	
	-0.242	-0.157	-0.06	-0.075	-0.099	-0.112	-0.11	-0.157	
Soiling probs b/w 5&10	1.192	0.684+	1.006	1.122	1.123	1.280*	1.324**	1.171	
	-0.24	-0.148	-0.073	-0.091	-0.128	-0.136	-0.137	-0.172	
Eating probs age 10	1.006	1.059	0.982	1.005	1.110+	1.085	1.149*	1.132	
	-0.135	-0.1	-0.038	-0.045	-0.063	-0.072	-0.074	-0.098	
Vocabulary score age 5	0.994	0.986**	0.996+	0.994*	0.999	0.990**	0.994+	0.994	
	-0.006	-0.005	-0.002	-0.002	-0.003	-0.003	-0.003	-0.005	
Copying score age 5	0.993	1.003	1.004*	0.998	0.993**	0.993*	0.996	0.999	

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Making a positive contribution					Economic well-being			
	Serious Offender	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children	
Externalising behaviours age 5	-0.006	-0.004	-0.002	-0.002	-0.003	-0.003	-0.003	-0.004	
	1.04	0.888	1.032	0.958	1.021	0.919	0.917	0.878	
Internalising behaviours age 5	-0.164	-0.11	-0.05	-0.054	-0.075	-0.078	-0.077	-0.101	
	0.872	1.059	1.056	1.099+	0.973	1.096	1.038	0.987	
Does homework after school (16)	-0.141	-0.115	-0.046	-0.056	-0.067	-0.086	-0.081	-0.106	
	0.420*	0.848	0.809*	0.771*	0.567***	0.771	0.804	0.775	
Reads for pleasure after school (16)	-0.166	-0.202	-0.07	-0.083	-0.082	-0.138	-0.134	-0.19	
	1.335	0.555**	0.824**	1.04	1.028	1.094	1.112	1.005	
Helps at home (16)	-0.348	-0.116	-0.06	-0.091	-0.116	-0.148	-0.147	-0.181	
	1.109	1.002	0.947	0.997	1.007	1.13	1.196*	1.397**	
Has been to pub in last 2 weeks (16)	-0.175	-0.117	-0.043	-0.054	-0.07	-0.092	-0.095	-0.149	
	0.827	1.189	1.054	0.939	0.866	0.928	0.974	0.899	
Has truanted (16)	-0.239	-0.25	-0.085	-0.09	-0.107	-0.14	-0.142	-0.181	
	1.569+	0.720+	1.04	0.961	0.954	1.276+	1.036	1.006	
Smokes at 16	-0.381	-0.126	-0.071	-0.078	-0.1	-0.16	-0.128	-0.169	
	2.408***	1.094	0.962	1.367**	1.508**	1.703***	1.557**	1.538*	
Has had alcoholic drink in last week (16)	-0.628	-0.235	-0.088	-0.144	-0.205	-0.257	-0.238	-0.308	
	1.052	1.032	0.991	0.930*	0.898*	0.871*	0.826**	0.830*	
CM engaged in anti-social acts (16)	-0.09	-0.069	-0.029	-0.033	-0.044	-0.05	-0.049	-0.067	
	1.039*	1.008	1.003	0.988+	0.994	0.993	0.986	1	
Close friends engaged in antisocial acts	-0.017	-0.013	-0.006	-0.007	-0.01	-0.011	-0.011	-0.015	
	0.978	1.034+	0.999	1.021+	1.009	1.028+	1.022	1.018	
Close friends engaged in antisocial acts	-0.027	-0.02	-0.011	-0.012	-0.016	-0.017	-0.018	-0.023	
	1.194**	0.942	1.015	1.012	0.972	0.952	1.072	0.999	
Causal friends engaged in antisocial acts	-0.076	-0.07	-0.034	-0.038	-0.055	-0.053	-0.052	-0.073	
	1.127	0.894	1.02	1.002	1.024	1.032	0.959	1.028	
Acquaintances engaged in antisocial acts	-0.082	-0.073	-0.031	-0.036	-0.048	-0.055	-0.053	-0.073	
	0.968	1.046	0.975	0.975	1.018	1.05	1.025	1.023	
	-0.061	-0.049	-0.02	-0.024	-0.032	-0.038	-0.037	-0.05	

**Table 2.3 Outcomes at Age 30 Regressed on Frequency of Going to Sports Clubs and Combinations of Other Activities**

	Making a positive contribution				Economic well-being			
	Serious Offender	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children
Locus of control age 16	0.984	0.943+	0.955***	0.952***	0.963*	0.977	0.947*	0.946+
	-0.042	-0.028	-0.012	-0.014	-0.019	-0.022	-0.021	-0.028
Wants to stay on at 16	0.964	0.802*	0.976	0.936	0.816**	0.794**	0.953	0.780*
	-0.148	-0.088	-0.042	-0.048	-0.052	-0.062	-0.074	-0.082
Self efficacy age 16	1.019	0.991	0.991	0.932***	0.934***	0.960*	0.977	0.963
	-0.037	-0.026	-0.011	-0.012	-0.015	-0.018	-0.018	-0.024
General conduct disorder (16)	1.127	1.191+	0.963	1.126*	1.125+	1.005	0.984	0.938
	-0.15	-0.121	-0.041	-0.054	-0.071	-0.072	-0.071	-0.091
Clumsy/naughty	0.9	1.144	0.971	1.093+	0.951	1.115+	1.149*	0.923
	-0.12	-0.1	-0.042	-0.052	-0.066	-0.073	-0.073	-0.092
Clumsy/ frustrated	0.883	1.073	1	1.042	1.017	0.907	0.873*	0.917
	-0.101	-0.112	-0.045	-0.053	-0.07	-0.06	-0.056	-0.083
Low aggression/moderate internalising	0.795+	0.89	0.917*	0.937	0.859*	0.777***	0.905	0.887
	-0.094	-0.087	-0.04	-0.046	-0.056	-0.054	-0.064	-0.084
Constant	0.045*	0.415	0.894	6.197***	0.504	0.853	0.763	0.132+
	-0.07	-0.521	-0.42	-3.335	-0.382	-0.691	-0.612	-0.144

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 3.1 Characteristics Associated with Structured Youth Club Attendance**

	Went to Structured YC
CM Female	1.494*
	-0.233
Low income	1.247
	-0.314
Medium income	0.805
	-0.122
Medium SES	0.786
	-0.143
Low SES	0.632
	-0.195
Low parental education	0.796
	-0.202
Medium parental education	1.088
	-0.218
Birth weight	1.108
	-0.174
No. older sibs at birth	1.052
	-0.094
No. younger sibs at 10	1.086
	-0.121
Mother age 14-18	0.729
	-0.356
Mother age 19-24	0.723
	-0.241
Mother age 25-34	0.524*
	-0.155
Single parent	0.997
	-0.189
UK ethnicity	1.046
	-0.37
English as first language	1.475
	-0.779
No/Low Maternal interest	2.067+
	-0.825
Medium maternal interest	1.299
	-0.254
Maternal interest unknown	1.015
	-0.201
Maternal depression age 5	0.971
	-0.212
Parents approve of activities	1.250+
	-0.161
Parents approve of friends	0.835
	-0.107
SES 1/2 (%)	1.010+
	-0.005
Ethnic minority (%)	1.015
	-0.017
High academic level (%)	1
	-0.008

**Table 3.1 Characteristics Associated with Structured Youth Club Attendance**

	Went to Structured YC
Neighbourhood is good age 16	1.026
	-0.127
Maths test age 10	0.943
	-0.123
Reading test age 10	1.175
	-0.157
Self efficacy age 10	1.053
	-0.103
Locus of control age 10	0.959
	-0.097
Externalising behaviours age 10	0.770*
	-0.093
Internalising behaviours age 10	1.05
	-0.108
Peer relations age 10	1.026
	-0.088
Sleeping problems age 10	1.225
	-0.175
Soiling probs b/w 5&10	0.919
	-0.179
Eating probs age 10	0.827*
	-0.079
Vocabulary score age 5	1
	-0.004
Copying score age 5	1.006
	-0.004
Externalising behaviours age 5	0.957
	-0.11
Internalising behaviours age 5	1.14
	-0.111
Does homework after school (16)	1.405*
	-0.216
Reads for pleasure after school (16)	1.396*
	-0.197
Helps at home (16)	0.885
	-0.079
Has been to pub in last 2 weeks (16)	0.732*
	-0.115
Has tranted (16)	0.922
	-0.13
Smokes at 16	1.051
	-0.19
Has had alcoholic drink in last week (16)	0.966
	-0.058
CM engaged in anti-social acts (16)	0.993
	-0.014
Close friends engaged in antisocial acts	0.894**
	-0.033
Close friends engaged in antisocial acts	1.063
	-0.075
Causal friends engaged in antisocial acts	1.087

**Table 3.1 Characteristics Associated with Structured Youth Club Attendance**

	Went to Structured YC
Acquaintances engaged in antisocial acts	-0.064 1.003 -0.043
Locus of control age 16	1.021 -0.028
Wants to stay on at 16	0.953 -0.083
Self efficacy age 16	0.978 -0.021
General conduct disorder (16)	0.954 -0.086
Clumsy/naughty	0.904 -0.087
Clumsy/ frustrated	0.999 -0.092
Low aggression/moderate internalising	0.884 -0.078
Constant	0.112* -0.123

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Being Healthy				Parenthood & marital status			Staying safe
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent	Temp/Social Housing
Frequency of YC attendance	1.05	1.037	0.954	0.938	1.027	1.116	1.065	1.163+
	-0.063	-0.08	-0.071	-0.062	-0.057	-0.138	-0.133	-0.102
Unstructured YC	0.945	1.122	1.375	0.877	1.406*	1.212	1.746	0.982
	-0.165	-0.254	-0.313	-0.16	-0.232	-0.477	-0.652	-0.257
Went to YC and sports/community centre	0.86	0.903	0.839	1.032	0.779+	0.662	0.715	0.661+
	-0.14	-0.187	-0.163	-0.184	-0.115	-0.207	-0.219	-0.145
Went to sports and uniformed	1.042	1.059	1.132	1.353*	0.973	1.298	1.072	0.818
	-0.14	-0.186	-0.192	-0.201	-0.122	-0.376	-0.302	-0.164
Went to sports and church groups	1.19	1.491*	1.315	1.284	0.783+	0.503*	0.881	1.117
	-0.177	-0.285	-0.244	-0.204	-0.108	-0.172	-0.264	-0.246
CM Female	0.836	1.118	1.863**	1.763**	0.738*	8.652***	149.492***	1.267
	-0.132	-0.228	-0.385	-0.316	-0.107	-3.871	-162.686	-0.297
Low income	0.827	1.002	0.874	1.343	0.96	1.775	1.048	0.936
	-0.207	-0.319	-0.269	-0.365	-0.227	-0.941	-0.569	-0.321
Medium income	0.799	0.859	0.894	1.083	1.081	1.4	1.354	0.708
	-0.132	-0.188	-0.19	-0.195	-0.162	-0.59	-0.504	-0.189
Medium SES	1.231	1.573+	1.496+	0.741	0.807	2.673*	0.741	1.556
	-0.221	-0.371	-0.353	-0.144	-0.131	-1.293	-0.278	-0.474
Low SES	1.145	1.241	1.709+	0.835	1.105	1.867	1.014	2.014+
	-0.305	-0.431	-0.556	-0.24	-0.272	-1.103	-0.515	-0.763
Low parental education	1.372	1.326	0.76	0.655+	0.694+	1.92	1.42	1.582
	-0.325	-0.398	-0.224	-0.166	-0.15	-1.203	-0.762	-0.599
Medium parental education	1.161	0.834	0.682	0.713	0.785	1.306	1.388	0.971
	-0.238	-0.222	-0.178	-0.151	-0.142	-0.786	-0.64	-0.35
Birth weight	0.967	1.806**	0.834	0.708*	0.985	0.677	1.741+	0.946
	-0.141	-0.338	-0.148	-0.112	-0.133	-0.207	-0.529	-0.199
No. older sibs at birth	1.01	0.978	1.108	0.994	0.873+	1.345*	0.913	1.003
	-0.08	-0.098	-0.108	-0.087	-0.067	-0.196	-0.153	-0.107
No. younger sibs at 10	1.015	0.941	1.014	0.760*	0.88	0.986	1.271	1.125

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Being Healthy				Parenthood & marital status			Staying safe
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent	Temp/Social Housing
Mother age 14-18	-0.105	-0.128	-0.129	-0.088	-0.085	-0.192	-0.251	-0.157
	0.82	0.794	2.11	0.864	0.732	4.27	1.002	1.425
Mother age 19-24	-0.363	-0.471	-1.157	-0.435	-0.305	-3.844	-0.827	-0.862
	0.76	0.787	1.416	1.09	0.643	1.283	0.61	0.875
Mother age 25-34	-0.243	-0.319	-0.588	-0.376	-0.19	-0.964	-0.387	-0.418
	0.672	0.918	1.172	0.99	0.620+	1.669	0.406	1.022
Single parent	-0.191	-0.327	-0.439	-0.301	-0.162	-1.114	-0.236	-0.445
	1.154	0.993	0.869	0.999	1.132	0.909	1.549	1.592+
UK ethnicity	-0.229	-0.261	-0.209	-0.213	-0.21	-0.334	-0.548	-0.395
	0.858	1.851	0.953	0.347**	0.839	1.693	5.476+	2.62
English as first language	-0.299	-1.017	-0.409	-0.117	-0.266	-1.398	-5.622	-1.633
	0.611	0.807	0.390+	1.008	0.551	0.37	1.069	1.362
No Maternal interest	-0.274	-0.495	-0.19	-0.498	-0.224	-0.293	-1.043	-0.99
	0.938	1.015	1.11	0.707	0.227	6.302	0	1.606
Low maternal interest	-0.735	-0.941	-0.965	-0.628	-0.207	-7.338	0	-1.331
	1.848	0.859	0.615	0.599	0.726	0.935	2.527	0.689
Medium maternal interest	-0.899	-0.49	-0.358	-0.33	-0.339	-0.838	-2.047	-0.385
	0.801	1.041	0.589+	0.484**	0.607*	1.129	1.461	1.098
Maternal interest unknown	-0.179	-0.299	-0.165	-0.122	-0.126	-0.523	-0.643	-0.355
	0.866	0.993	0.952	0.82	0.586**	1.141	0.954	1.225
No paternal interest	-0.19	-0.287	-0.248	-0.185	-0.119	-0.509	-0.422	-0.376
	2.162	1.12	0.88	0.627	1.752	0.168	0.485	0.788
Low paternal interest	-1.49	-0.851	-0.698	-0.523	-1.158	-0.23	-0.578	-0.616
	0.968	1.268	0.823	1.11	0.864	2.446	0.314	1.531
Medium paternal interest	-0.49	-0.737	-0.544	-0.663	-0.46	-2.071	-0.313	-0.91
	1.096	0.98	1.031	1.104	1.421	1.16	0.6	0.792
Paternal interest unknown	-0.294	-0.328	-0.349	-0.337	-0.352	-0.669	-0.331	-0.342
	1.121	0.721	1.128	1.412	1.693**	0.741	0.569	1.091
Maternal depression age 5	-0.24	-0.203	-0.299	-0.322	-0.335	-0.357	-0.246	-0.358
	0.855	1.589+	0.925	0.808	0.922	0.849	1.689	1.441
	-0.167	-0.376	-0.216	-0.172	-0.169	-0.34	-0.603	-0.362

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Being Healthy				Parenthood & marital status			Staying safe
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent	Temp/Social Housing
Parents approve of activities	0.985	1.221	0.797	0.849	1.028	1.054	0.813	0.846
	-0.123	-0.21	-0.116	-0.111	-0.121	-0.266	-0.202	-0.148
Parents approve of friends	0.921	0.784	0.855	0.923	0.917	1.32	0.833	0.872
	-0.122	-0.132	-0.134	-0.132	-0.114	-0.36	-0.227	-0.158
SES 1/2 (%)	0.998	0.993	1.006	0.991	1.002	0.989	1.007	0.987
	-0.005	-0.007	-0.007	-0.006	-0.005	-0.014	-0.01	-0.009
Ethnic minority (%)	1	1.033+	1.018	1.01	1.014	0.954	1.038	0.967
	-0.016	-0.019	-0.019	-0.017	-0.015	-0.033	-0.031	-0.022
High academic level (%)	1.001	0.997	0.987	1	0.997	1.005	1.011	1.004
	-0.007	-0.01	-0.01	-0.007	-0.007	-0.015	-0.012	-0.01
Neighbourhood is good age 16	0.699**	1.097	0.798	0.974	0.991	0.839	0.975	0.932
	-0.091	-0.18	-0.124	-0.134	-0.117	-0.227	-0.247	-0.177
Maths test age 10	1.193	1.102	0.831	0.728*	1.113	1.109	1.268	0.907
	-0.144	-0.17	-0.125	-0.097	-0.125	-0.282	-0.296	-0.157
Reading test age 10	0.878	0.82	0.898	1.024	0.869	0.773	0.91	0.839
	-0.106	-0.126	-0.134	-0.139	-0.1	-0.184	-0.207	-0.142
Self efficacy age 10	0.947	0.718**	1.031	0.735**	0.915	1.041	1.194	0.949
	-0.085	-0.082	-0.114	-0.072	-0.076	-0.186	-0.199	-0.12
Locus of control age 10	0.977	1.144	1.001	1.288*	0.981	1.019	0.866	0.883
	-0.092	-0.137	-0.117	-0.133	-0.086	-0.203	-0.158	-0.118
Externalising behaviours age 10	1.075	1.007	0.935	0.889	1.023	0.98	1.131	0.867
	-0.113	-0.136	-0.114	-0.103	-0.1	-0.207	-0.226	-0.123
Internalising behaviours age 10	1.002	0.991	1.265*	1.064	1.033	1.022	1.013	0.883
	-0.096	-0.119	-0.144	-0.11	-0.092	-0.205	-0.193	-0.122
Peer relations age 10	0.997	0.697***	0.857	0.876	0.963	0.791	0.901	0.671***
	-0.081	-0.068	-0.087	-0.079	-0.072	-0.136	-0.142	-0.076
Sleeping problems age 10	1.059	0.939	1.029	0.969	0.95	1.225	1.279	0.842
	-0.145	-0.171	-0.167	-0.141	-0.122	-0.318	-0.323	-0.176
Soiling probs b/w 5&10	0.952	1.14	0.686+	0.919	1.026	0.914	1.882*	1.298
	-0.157	-0.214	-0.156	-0.171	-0.155	-0.343	-0.542	-0.267
Eating probs age 10	1.014	0.952	1.167	1.078	1.023	1.164	1.269	1.026

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Being Healthy				Parenthood & marital status			Staying safe
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent	Temp/Social Housing
Vocabulary score age 5	-0.084	-0.101	-0.112	-0.093	-0.078	-0.192	-0.199	-0.121
	1.003	1.004	1.002	0.999	0.996	0.992	0.991	0.998
Copying score age 5	-0.004	-0.005	-0.005	-0.004	-0.004	-0.009	-0.008	-0.006
	0.998	1.007	0.999	1.004	0.999	1.007	0.996	1.002
Externalising behaviours age 5	-0.004	-0.005	-0.005	-0.004	-0.003	-0.008	-0.007	-0.005
	1.095	0.949	1.099	1.310*	1.037	0.846	1.195	1.393*
Internalising behaviours age 5	-0.113	-0.128	-0.139	-0.147	-0.101	-0.188	-0.252	-0.199
	0.922	0.792+	0.876	0.923	0.899	1.066	0.813	1.017
Does homework after school (16)	-0.087	-0.097	-0.101	-0.093	-0.078	-0.202	-0.151	-0.133
	0.722+	0.887	0.617*	0.867	1.111	1.715	0.682	0.713
Reads for pleasure after school (16)	-0.125	-0.197	-0.141	-0.16	-0.172	-0.671	-0.255	-0.199
	0.987	0.773	1.014	1.309+	1.081	1.806+	1.339	0.917
Helps at home (16)	-0.15	-0.153	-0.192	-0.211	-0.149	-0.595	-0.409	-0.207
	1.081	1.037	1.126	0.927	1.053	1.103	1.600*	1.116
Has been to pub in last 2 weeks (16)	-0.101	-0.123	-0.13	-0.094	-0.09	-0.212	-0.293	-0.152
	0.934	1.478+	1.364	0.76	0.781	0.668	0.666	1.022
Has truanted (16)	-0.158	-0.319	-0.29	-0.136	-0.118	-0.244	-0.231	-0.25
	1.257	0.979	0.801	1.043	0.773+	1.263	1.343	1.542*
Smokes at 16	-0.179	-0.181	-0.144	-0.163	-0.104	-0.398	-0.397	-0.329
	6.252***	0.691	1.078	0.858	0.745+	1.963*	1.07	1.568+
Has had alcoholic drink in last week (16)	-1.067	-0.169	-0.232	-0.168	-0.128	-0.673	-0.37	-0.382
	0.957	1.07	0.839*	0.998	0.949	0.881	0.886	0.871
CM engaged in anti-social acts (16)	-0.058	-0.08	-0.067	-0.065	-0.053	-0.114	-0.111	-0.081
	1.027*	0.970+	1.02	1.014	0.997	1.011	1.017	0.992
Close friends engaged in antisocial acts	-0.013	-0.016	-0.016	-0.014	-0.012	-0.026	-0.029	-0.017
	0.998	1.053+	0.993	0.998	0.985	1.02	0.99	1.023
Close friends engaged in antisocial acts	-0.022	-0.028	-0.025	-0.023	-0.021	-0.04	-0.042	-0.028
	0.931	1.019	0.944	1.016	1.064	1.091	1.084	1.179*
Causal friends engaged in antisocial acts	-0.064	-0.097	-0.084	-0.076	-0.068	-0.146	-0.137	-0.098
	1.124*	0.991	0.979	0.912	1.094+	0.991	1.260*	0.951

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Being Healthy				Parenthood & marital status			Staying safe
	Smoker	Obesity	Depressed	Psychiatric Disturbance	Single, divorced, separated	Teen parent	Single Parent	Temp/Social Housing
Acquaintances engaged in antisocial acts	-0.065	-0.081	-0.073	-0.062	-0.059	-0.13	-0.138	-0.081
	0.993	0.944	1.061	1.026	0.986	1.001	0.881	0.938
	-0.042	-0.054	-0.055	-0.048	-0.039	-0.094	-0.083	-0.058
Locus of control age 16	0.967	0.99	0.956	0.966	0.966	0.857**	0.898*	0.967
	-0.026	-0.034	-0.031	-0.029	-0.024	-0.046	-0.046	-0.037
Wants to stay on at 16	1.02	1.052	0.929	1.122	1.104	0.754	1.001	1.102
	-0.092	-0.125	-0.104	-0.113	-0.093	-0.145	-0.18	-0.145
Self efficacy age 16	0.997	1	0.891***	0.916***	0.984	0.943	0.98	0.955
	-0.022	-0.029	-0.024	-0.022	-0.02	-0.041	-0.042	-0.029
General conduct disorder (16)	0.911	1.028	1.18	1.128	1.004	1.406*	0.722+	0.978
	-0.082	-0.121	-0.121	-0.105	-0.084	-0.223	-0.131	-0.12
Clumsy/naughty	0.909	1.1	0.888	0.945	1.005	0.592*	0.962	0.853
	-0.08	-0.119	-0.099	-0.09	-0.082	-0.131	-0.171	-0.111
Clumsy/ frustrated	1.047	0.862	1.068	1.002	0.946	0.885	0.957	0.825+
	-0.09	-0.087	-0.108	-0.091	-0.077	-0.145	-0.155	-0.086
Low aggression/moderate internalising	0.876	0.822+	0.924	0.867	0.884	0.832	0.84	0.837
	-0.076	-0.088	-0.094	-0.081	-0.072	-0.13	-0.14	-0.095
Constant	1.306	0.006***	7.141	31.767**	8.924*	0.021+	0.000***	0.11
	-1.37	-0.009	-9.24	-36.239	-8.782	-0.049	0	-0.178

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Staying safe			Achieving			Making a positive contribution	
	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
Frequency of YC attendance	1.154	1.076	1.078	1.226**	1.253***	1.167+	1.122	1.339+
	-0.145	-0.111	-0.086	-0.081	-0.081	-0.094	-0.083	-0.216
Unstructured YC	0.78	1.02	0.973	1.779**	1.879**	1.583*	1.229	2.266
	-0.282	-0.3	-0.225	-0.378	-0.386	-0.32	-0.277	-1.317
Went to YC and sports/community centre	0.736	1.08	1.101	1.013	0.788	1.088	0.845	0.592
	-0.236	-0.306	-0.235	-0.18	-0.137	-0.238	-0.17	-0.249
Went to sports and uniformed	1.072	0.789	1.403+	0.979	0.813	0.602**	1.15	0.894
	-0.31	-0.183	-0.255	-0.147	-0.119	-0.103	-0.188	-0.326
Went to sports and church groups	0.753	1.23	0.894	0.763	0.644**	0.735+	1.416+	1.899
	-0.247	-0.309	-0.179	-0.129	-0.107	-0.134	-0.262	-0.794
CM Female	1.611	0.480**	1.02	1.166	1.198	1.211	0.143***	0.069***
	-0.563	-0.128	-0.217	-0.204	-0.206	-0.247	-0.029	-0.038
Low income	0.865	0.451+	1.001	0.848	0.763	1.308	0.964	0.325+
	-0.432	-0.204	-0.329	-0.233	-0.206	-0.48	-0.292	-0.218
Medium income	0.510+	0.506*	1.003	0.906	0.823	1.286	0.768	0.347*
	-0.189	-0.151	-0.232	-0.173	-0.152	-0.253	-0.158	-0.161
Medium SES	1.955	1.263	1.001	1.053	1.281	1.27	0.883	0.512
	-0.864	-0.399	-0.25	-0.217	-0.261	-0.268	-0.195	-0.278
Low SES	3.009+	1.523	1.193	1.179	1.124	1.048	1.357	1.014
	-1.764	-0.692	-0.4	-0.335	-0.324	-0.396	-0.428	-0.683
Low parental education	0.478	0.881	1.04	1.378	1.723*	2.649**	1.174	1.421
	-0.249	-0.351	-0.343	-0.373	-0.462	-0.813	-0.343	-0.943
Medium parental education	0.698	0.772	1.14	1.086	1.185	1.642*	1.16	1.25
	-0.318	-0.27	-0.334	-0.268	-0.29	-0.364	-0.3	-0.794
Birth weight	1.817+	0.8	0.812	1.148	1.264	0.845	0.81	1.066
	-0.56	-0.199	-0.149	-0.183	-0.204	-0.165	-0.144	-0.425
No. older sibs at birth	1.159	1.002	1.16	0.88	0.892	1.013	1.081	0.792
	-0.177	-0.141	-0.115	-0.076	-0.078	-0.116	-0.104	-0.172
No. younger sibs at 10	1.164	1.108	0.911	0.788*	0.859	0.946	0.92	0.919

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Staying safe			Achieving			Making a positive contribution	
	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
Mother age 14-18	-0.243	-0.193	-0.12	-0.088	-0.096	-0.131	-0.116	-0.245
	2.614	1.006	1.675	1.576	0.81	1.499	0.606	0.765
Mother age 19-24	-2.544	-0.814	-0.946	-0.755	-0.395	-1.008	-0.347	-0.962
	1.477	1.084	1.259	0.936	0.749	1.063	1.14	1.263
Mother age 25-34	-1.131	-0.619	-0.531	-0.336	-0.269	-0.445	-0.453	-1.163
	2.07	1.198	1.164	0.983	0.769	1.145	0.803	1.314
Single parent	-1.44	-0.627	-0.435	-0.32	-0.25	-0.418	-0.286	-1.118
	1.005	0.877	0.983	0.868	1.063	0.640+	1.025	1.263
UK ethnicity	-0.386	-0.304	-0.254	-0.192	-0.229	-0.172	-0.255	-0.651
	1.871	4.234+	0.458+	0.891	0.973	1.251	0.464+	0.353
English as first language	-1.555	-3.504	-0.191	-0.346	-0.383	-0.513	-0.191	-0.3
	0.638	1.734	0.532	1.13	1.142	0.686	0.989	0.246
No Maternal interest	-0.558	-1.881	-0.281	-0.59	-0.596	-0.409	-0.542	-0.254
	12.604+	0	0.329	0.403	1.881	33.135	0.497	0.024
Low maternal interest	-17.819	-0.005	-0.351	-0.344	-1.486	-338.383	-0.462	-0.167
	0.834	1.746	0.663	0.805	2.331	0.798	1.706	1.105
Medium maternal interest	-0.817	-1.282	-0.381	-0.4	-1.223	-0.849	-0.933	-1.107
	0.714	1.03	1.202	0.921	1.145	1.675	1.204	0.7
Maternal interest unknown	-0.345	-0.382	-0.362	-0.226	-0.279	-0.547	-0.335	-0.406
	1.141	0.934	1.229	1.065	1.228	0.421**	1.142	0.744
No paternal interest	-0.495	-0.345	-0.356	-0.254	-0.299	-0.125	-0.314	-0.43
	0	0	1.606	0.978	0.296+	6.252	2.37	0.357
Low paternal interest	-0.003	0	-1.247	-0.666	-0.205	-35.599	-1.866	-0.687
	0.017	0.173	1.445	1.091	0.52	2.094	0.605	9.922*
Medium paternal interest	-0.084	-0.214	-0.842	-0.581	-0.282	-2.27	-0.365	-10.437
	2.768+	1.128	0.565	0.842	0.731	0.71	0.773	1.816
Paternal interest unknown	-1.589	-0.518	-0.213	-0.254	-0.216	-0.251	-0.262	-1.544
	1.758	1.407	0.753	0.875	0.705	1.438	1.009	2.74
Maternal depression age 5	-0.832	-0.524	-0.22	-0.21	-0.17	-0.406	-0.273	-1.757
	1.111	1.737+	0.702	1.138	1.106	1.144	1.241	1.023
	-0.432	-0.541	-0.178	-0.236	-0.227	-0.321	-0.281	-0.502

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Staying safe			Achieving			Making a positive contribution	
	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
Parents approve of activities	1.01	0.871	1.123	0.728*	0.693**	0.953	0.875	0.872
	-0.256	-0.183	-0.18	-0.098	-0.093	-0.164	-0.129	-0.301
Parents approve of friends	1.022	0.89	0.692*	1.046	1.216	1.072	0.730*	1.172
	-0.275	-0.196	-0.115	-0.155	-0.178	-0.19	-0.114	-0.421
SES 1/2 (%)	0.989	0.999	0.993	0.982*	0.985*	0.983**	0.987+	0.982
	-0.012	-0.009	-0.008	-0.007	-0.007	-0.006	-0.007	-0.016
Ethnic minority (%)	0.964	1.022	1.018	1.004	1	0.993	1.02	0.975
	-0.033	-0.025	-0.019	-0.017	-0.017	-0.021	-0.018	-0.044
High academic level (%)	1.025*	0.992	0.99	1.001	1	0.984+	0.99	0.966
	-0.013	-0.014	-0.01	-0.008	-0.008	-0.009	-0.009	-0.028
Neighbourhood is good age 16	0.991	0.648*	0.836	0.829	0.798	1.024	1.183	1.291
	-0.264	-0.14	-0.141	-0.12	-0.115	-0.163	-0.19	-0.491
Maths test age 10	1.059	0.996	0.788	0.814	0.776*	0.610**	1.228	1.267
	-0.28	-0.204	-0.125	-0.106	-0.1	-0.101	-0.189	-0.438
Reading test age 10	0.615+	0.841	0.822	0.832	0.731*	0.728+	1.101	1.029
	-0.157	-0.174	-0.13	-0.108	-0.095	-0.129	-0.168	-0.352
Self efficacy age 10	0.908	1.317+	0.909	1.074	1.156	1.062	1.044	0.944
	-0.173	-0.209	-0.108	-0.106	-0.115	-0.129	-0.118	-0.235
Locus of control age 10	1.191	0.768	1.117	0.98	0.917	0.997	0.892	0.728
	-0.241	-0.123	-0.139	-0.101	-0.096	-0.127	-0.104	-0.198
Externalising behaviours age 10	1.151	0.92	0.933	1.156	1.069	0.699*	1.205	1.623+
	-0.222	-0.156	-0.125	-0.129	-0.12	-0.102	-0.153	-0.449
Internalising behaviours age 10	0.669+	1.069	1.07	0.903	0.89	1.163	0.813+	0.434**
	-0.138	-0.172	-0.133	-0.096	-0.094	-0.146	-0.098	-0.135
Peer relations age 10	0.957	0.9	0.806*	1.063	0.962	0.977	0.878	0.833
	-0.162	-0.122	-0.086	-0.096	-0.086	-0.104	-0.085	-0.175
Sleeping problems age 10	1.189	1.084	0.927	1.033	1.156	0.670*	0.986	1.185
	-0.316	-0.246	-0.173	-0.161	-0.176	-0.115	-0.176	-0.527
Soiling probs b/w 5&10	0.808	1.022	0.757	0.824	0.929	1.235	1.237	1.179
	-0.288	-0.26	-0.176	-0.155	-0.17	-0.292	-0.228	-0.427
Eating probs age 10	1.043	1.112	1.022	0.926	0.938	0.871	0.855	0.806

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Staying safe			Achieving			Making a positive contribution	
	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
Vocabulary score age 5	-0.183	-0.153	-0.108	-0.086	-0.086	-0.092	-0.091	-0.206
	1.003	1.006	0.991+	0.998	0.999	0.998	1.001	0.979*
Copying score age 5	-0.008	-0.007	-0.005	-0.004	-0.004	-0.005	-0.005	-0.011
	1	1.003	0.999	0.990**	0.984***	0.987**	0.996	0.982+
Externalising behaviours age 5	-0.008	-0.006	-0.005	-0.004	-0.004	-0.005	-0.004	-0.011
	1.078	1.075	0.847	1.053	1.159	1.360*	1.091	1.173
Internalising behaviours age 5	-0.226	-0.189	-0.116	-0.116	-0.129	-0.202	-0.134	-0.31
	1.13	0.825	1.1	0.859	0.814*	0.92	1.161	1.246
Does homework after school (16)	-0.218	-0.136	-0.132	-0.089	-0.084	-0.113	-0.133	-0.34
	1.014	0.862	1.086	0.796	0.587**	0.446***	0.734	0.367+
Reads for pleasure after school (16)	-0.389	-0.262	-0.257	-0.16	-0.116	-0.085	-0.163	-0.22
	1.265	1.039	0.793	1.138	1.081	0.884	1.055	1.337
Helps at home (16)	-0.417	-0.269	-0.165	-0.193	-0.179	-0.161	-0.201	-0.575
	1.225	1.491*	0.810+	0.856	0.804*	1.154	1.082	1.078
Has been to pub in last 2 weeks (16)	-0.246	-0.241	-0.102	-0.089	-0.082	-0.137	-0.127	-0.303
	1.037	0.921	0.908	0.966	0.894	1.432+	1.152	1.822
Has truanted (16)	-0.381	-0.263	-0.203	-0.18	-0.165	-0.29	-0.243	-0.909
	1.706+	0.771	1.303	0.967	1.203	0.994	1.456*	4.039**
Smokes at 16	-0.527	-0.19	-0.251	-0.154	-0.189	-0.181	-0.257	-1.8
	1.157	1.397	1.165	1.111	1.294	2.325**	1.530*	1.346
Has had alcoholic drink in last week (16)	-0.404	-0.412	-0.268	-0.21	-0.243	-0.634	-0.316	-0.613
	0.961	0.913	0.882	1.071	0.987	0.969	1.015	1.068
CM engaged in anti-social acts (16)	-0.12	-0.096	-0.075	-0.07	-0.065	-0.074	-0.073	-0.16
	1.011	1.048*	1.014	0.972*	0.979	1	1.039**	1.065*
Close friends engaged in antisocial acts	-0.024	-0.02	-0.016	-0.014	-0.013	-0.018	-0.015	-0.029
	0.972	0.939+	1.001	1.039+	1.051*	1.019	0.99	0.957
Close friends engaged in antisocial	-0.039	-0.035	-0.025	-0.024	-0.025	-0.039	-0.024	-0.044
	1.275*	1.065	1.039	1.056	1.006	0.908	1.057	1.394**

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Staying safe			Achieving			Making a positive contribution	
	Homeless	Crime Victim	Dissatisfied	No qualifications	No Level 2	No Level 4	Offender	Serious Offender
acts	-0.134	-0.104	-0.083	-0.076	-0.074	-0.076	-0.081	-0.173
Causal friends engaged in antisocial acts	0.945	1.107	1.002	0.912	0.977	0.864*	1.004	1.187
Acquaintances engaged in antisocial acts	-0.11	-0.094	-0.073	-0.062	-0.062	-0.063	-0.068	-0.15
Locus of control age 16	0.926	1.071	0.978	1.023	1.024	1.007	0.949	0.978
Wants to stay on at 16	-0.086	-0.069	-0.056	-0.048	-0.048	-0.052	-0.05	-0.115
Self efficacy age 16	0.915	1.048	0.948	0.957	0.977	0.932+	0.959	1.066
General conduct disorder (16)	-0.05	-0.048	-0.033	-0.027	-0.028	-0.036	-0.031	-0.075
Clumsy/naughty	1.305	0.98	1.15	0.624***	0.551***	0.471***	0.894	0.748
Clumsy/ frustrated	-0.254	-0.151	-0.142	-0.06	-0.051	-0.064	-0.099	-0.191
Low aggression/moderate internalising	0.890**	0.989	0.931*	1	1.023	0.995	1.047	1.089
Constant	-0.039	-0.037	-0.026	-0.024	-0.025	-0.029	-0.029	-0.069
	1.186	1.154	1.345**	0.989	1.046	1.05	1.143	1.058
	-0.199	-0.168	-0.146	-0.095	-0.098	-0.131	-0.124	-0.243
	1.028	0.963	1.026	1.047	1.199+	1.082	0.869	1.031
	-0.166	-0.131	-0.113	-0.098	-0.115	-0.14	-0.098	-0.206
	0.797	0.758*	1.052	0.863+	1.048	1.129	1.111	0.882
	-0.115	-0.087	-0.112	-0.077	-0.097	-0.15	-0.116	-0.167
	0.694*	0.845	0.796*	0.873	0.818*	0.732*	0.797*	0.979
	-0.108	-0.116	-0.083	-0.08	-0.075	-0.095	-0.08	-0.219
	0.006*	0.009*	15.524*	2.876	2.702	76.495**	1.868	0.05
	-0.012	-0.018	-21.038	-3.452	-3.252	-106.05	-2.4	-0.14

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Making a positive contribution				Economic well-being			
	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children	
Frequency of YC attendance	0.914	1.057	1.057	1.031	1.054	0.986	1.221	
	-0.125	-0.058	-0.069	-0.088	-0.106	-0.096	-0.177	
Unstructured YC	0.81	1.184	1.055	1.531	1.561	1.646	2.738+	
	-0.366	-0.192	-0.205	-0.399	-0.493	-0.523	-1.412	
Went to YC and sports/community centre	1.22	0.747*	0.904	0.864	1.073	0.781	0.886	
	-0.479	-0.111	-0.157	-0.195	-0.279	-0.192	-0.312	
Went to sports and uniformed	0.76	0.91	1.072	0.663*	0.977	0.99	0.827	
	-0.246	-0.113	-0.159	-0.13	-0.226	-0.222	-0.277	
Went to sports and church groups	0.624	0.924	0.905	1.461+	1.231	0.97	1.07	
	-0.243	-0.127	-0.15	-0.309	-0.308	-0.242	-0.384	
CM Female	0.298**	1.03	0.526***	2.680***	2.717***	1.406	4.403***	
	-0.114	-0.15	-0.092	-0.634	-0.788	-0.376	-1.929	
Low income	1.325	0.87	0.886	0.683	1.08	0.673	0.791	
	-0.748	-0.204	-0.237	-0.249	-0.414	-0.265	-0.433	
Medium income	0.709	0.979	0.758	0.869	0.444**	0.568*	0.489+	
	-0.281	-0.148	-0.139	-0.207	-0.137	-0.159	-0.209	
Medium SES	0.623	1.271	1.27	1.098	1.115	0.743	0.892	
	-0.246	-0.213	-0.261	-0.283	-0.385	-0.233	-0.421	
Low SES	0.413	1.571+	1.58	1.071	1.591	0.945	1.208	
	-0.271	-0.387	-0.452	-0.406	-0.678	-0.391	-0.693	
Low parental education	1.436	0.731	1.163	1.276	1.036	1.607	2.641	
	-0.845	-0.161	-0.317	-0.417	-0.445	-0.656	-1.766	
Medium parental education	1.999	0.791	1.287	0.8	0.894	1.102	1.605	
	-1.008	-0.149	-0.312	-0.24	-0.356	-0.41	-1.014	
Birth weight	0.848	1.152	1.062	0.921	0.912	1.279	1.342	
	-0.273	-0.157	-0.17	-0.197	-0.215	-0.3	-0.452	
No. older sibs at birth	0.827	1.01	1.142	1.034	1.094	1.033	0.878	
	-0.164	-0.075	-0.096	-0.118	-0.135	-0.132	-0.172	
No. younger sibs at 10	0.567*	0.824*	1.01	1.175	0.98	0.799	0.818	
	-0.149	-0.08	-0.113	-0.168	-0.157	-0.133	-0.192	

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Making a positive contribution				Economic well-being			
	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children	
Mother age 14-18	0.488	1.886	0.77	0.744	1.633	2.544	5.645+	
	-0.536	-0.81	-0.4	-0.485	-1.104	-1.78	-5.827	
Mother age 19-24	0.69	1.928*	1.082	0.835	0.896	1.745	2.439	
	-0.493	-0.6	-0.397	-0.374	-0.462	-0.926	-2.131	
Mother age 25-34	0.738	1.492	1.432	1.175	0.709	1.138	1.611	
	-0.466	-0.419	-0.466	-0.463	-0.328	-0.545	-1.301	
Single parent	0.742	1.04	1.19	1.494	0.967	1.892*	1.257	
	-0.387	-0.192	-0.256	-0.412	-0.293	-0.541	-0.511	
UK ethnicity	1.664	0.557+	1.173	4.468*	1.364	0.607	1.275	
	-1.928	-0.178	-0.466	-3.163	-0.949	-0.332	-1.212	
English as first language	853.686	1.653	0.274**	1.047	0.661	0.85	0.533	
	-8271.2	-0.777	-0.125	-0.749	-0.46	-0.62	-0.51	
No Maternal interest	0	1.182	2.556	1.299	0.238	0	0.038	
	-0.004	-0.878	-2.079	-1.342	-0.321	0	-0.325	
Low maternal interest	3.522	1.862	1.021	1.897	0.716	0.883	3.911	
	-3.614	-0.834	-0.501	-1.221	-0.478	-0.628	-3.51	
Medium maternal interest	1.232	0.999	0.859	1.105	1.521	1.083	2.695+	
	-0.611	-0.206	-0.209	-0.328	-0.573	-0.419	-1.497	
Maternal interest unknown	0.785	0.812	0.801	0.591+	1.36	1.494	1.762	
	-0.423	-0.167	-0.19	-0.183	-0.511	-0.547	-0.996	
No paternal interest	0.007	1.025	0.242+	0.283	0.78	0.571	0.173	
	-0.073	-0.65	-0.192	-0.242	-0.696	-0.573	-0.236	
Low paternal interest	0.003	0.77	0.923	0.335	1.786	0.503	0.544	
	-0.021	-0.365	-0.486	-0.284	-1.193	-0.42	-0.581	
Medium paternal interest	0.952	0.942	0.874	0.982	0.644	0.669	0.688	
	-0.574	-0.233	-0.267	-0.354	-0.311	-0.323	-0.48	
Paternal interest unknown	0.931	0.869	1.318	0.861	0.636	0.626	0.605	
	-0.465	-0.172	-0.311	-0.255	-0.243	-0.23	-0.344	
Maternal depression age 5	0.972	1.158	0.664+	1.441	1.775*	1.514	2.351*	
	-0.452	-0.204	-0.143	-0.375	-0.506	-0.435	-0.915	
Parents approve of activities	0.642	0.906	0.944	0.979	0.851	0.963	1.069	

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Making a positive contribution				Economic well-being			
	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children	
Parents approve of friends	-0.179	-0.105	-0.126	-0.18	-0.172	-0.198	-0.326	
	1.006	1.016	0.866	0.956	0.634*	0.738	0.746	
SES 1/2 (%)	-0.328	-0.125	-0.122	-0.181	-0.128	-0.159	-0.23	
	0.989	0.997	1.006	0.997	0.985	1	1.01	
Ethnic minority (%)	-0.013	-0.005	-0.006	-0.008	-0.011	-0.009	-0.013	
	1.011	0.981	1.02	1.004	1.01	1.016	0.995	
High academic level (%)	-0.035	-0.015	-0.016	-0.023	-0.024	-0.024	-0.035	
	1.01	1	0.996	0.993	0.986	0.976	0.994	
Neighbourhood is good age 16	-0.018	-0.007	-0.008	-0.01	-0.013	-0.015	-0.019	
	0.97	0.997	0.730*	0.79	1.273	1.394	1.32	
Maths test age 10	-0.296	-0.118	-0.103	-0.147	-0.286	-0.299	-0.417	
	0.793	0.889	0.735*	0.832	1.183	0.823	1.023	
Reading test age 10	-0.218	-0.098	-0.097	-0.138	-0.239	-0.163	-0.284	
	1.545	0.837	0.98	0.947	1.014	1.013	0.815	
Self efficacy age 10	-0.455	-0.093	-0.129	-0.157	-0.196	-0.199	-0.211	
	1.222	1.027	0.892	1.353*	1.18	1.156	1.199	
Locus of control age 10	-0.27	-0.086	-0.088	-0.173	-0.174	-0.171	-0.245	
	1.312	0.906	0.998	0.630***	0.934	0.943	0.849	
Externalising behaviours age 10	-0.279	-0.079	-0.104	-0.084	-0.146	-0.147	-0.183	
	0.923	0.963	0.903	0.809	1.112	1.095	1.094	
Internalising behaviours age 10	-0.257	-0.093	-0.101	-0.118	-0.18	-0.177	-0.249	
	0.93	0.999	1.087	1.048	0.848	0.89	0.947	
Peer relations age 10	-0.222	-0.088	-0.113	-0.139	-0.139	-0.147	-0.216	
	0.759	1.154+	0.984	1.044	0.817	0.794+	0.93	
Sleeping problems age 10	-0.13	-0.087	-0.088	-0.12	-0.106	-0.104	-0.172	
	0.385+	0.876	0.822	0.87	1	0.924	0.965	
Soiling probs b/w 5&10	-0.199	-0.116	-0.131	-0.169	-0.228	-0.21	-0.314	
	0.466	1.105	1.078	1.131	1.744*	1.680*	2.037*	
Eating probs age 10	-0.275	-0.165	-0.183	-0.286	-0.39	-0.361	-0.573	
	1.039	0.926	1.077	1.098	1.041	1.142	1.398+	
	-0.212	-0.071	-0.095	-0.123	-0.142	-0.147	-0.246	

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Making a positive contribution				Economic well-being			
	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children	
Vocabulary score age 5	0.992	1.002	0.991*	1.002	0.993	0.991	1.002	
	-0.009	-0.004	-0.004	-0.006	-0.007	-0.006	-0.009	
Copying score age 5	0.991	1.002	0.996	0.988*	0.992	0.999	0.997	
	-0.008	-0.003	-0.004	-0.005	-0.006	-0.006	-0.009	
Externalising behaviours age 5	0.97	1.198+	1.112	1.11	1.21	1.104	1.15	
	-0.239	-0.114	-0.125	-0.166	-0.205	-0.18	-0.279	
Internalising behaviours age 5	0.986	1.1	1.12	0.884	1.016	1.033	0.868	
	-0.22	-0.095	-0.115	-0.119	-0.153	-0.152	-0.185	
Does homework after school (16)	0.829	0.648**	0.648*	0.588*	0.794	0.813	0.832	
	-0.37	-0.104	-0.129	-0.152	-0.251	-0.244	-0.392	
Reads for pleasure after school (16)	0.672	0.863	0.88	1.15	1.218	1.339	1.458	
	-0.261	-0.121	-0.149	-0.25	-0.317	-0.334	-0.537	
Helps at home (16)	1.145	0.972	0.872	0.939	0.976	1.113	1.457+	
	-0.274	-0.084	-0.091	-0.124	-0.154	-0.167	-0.322	
Has been to pub in last 2 weeks (16)	1.828	1.164	1.083	0.652+	0.925	0.864	0.712	
	-0.791	-0.179	-0.2	-0.154	-0.263	-0.234	-0.285	
Has truanted (16)	1.451	1.159	1.078	1.319	1.363	1.067	1.065	
	-0.518	-0.154	-0.17	-0.272	-0.338	-0.254	-0.369	
Smokes at 16	1.16	0.985	1.384+	1.665*	1.702+	1.228	1.815	
	-0.48	-0.161	-0.265	-0.417	-0.474	-0.349	-0.708	
Has had alcoholic drink in last week (16)	0.712*	1.038	0.896	0.954	0.873	0.802*	0.809	
	-0.117	-0.057	-0.061	-0.086	-0.095	-0.088	-0.122	
CM engaged in anti-social acts (16)	1.003	1.001	0.985	1.012	0.974	0.982	0.964	
	-0.026	-0.012	-0.014	-0.018	-0.021	-0.021	-0.03	
Close friends engaged in antisocial acts	1.063+	0.963+	1.025	0.996	1.073*	1.046	1.094*	
	-0.04	-0.02	-0.023	-0.031	-0.033	-0.032	-0.043	
Close friends engaged in antisocial acts	0.97	1.018	1.082	0.781+	0.926	1.126	1.116	
	-0.149	-0.064	-0.075	-0.099	-0.11	-0.104	-0.156	
Causal friends engaged in antisocial acts	0.889	0.989	1	0.938	0.954	0.9	0.864	
	-0.139	-0.054	-0.063	-0.085	-0.1	-0.09	-0.129	
Acquaintances engaged in antisocial acts	0.864	1	0.942	1.001	1.016	1.071	1.06	

**Table 3.2 Outcomes at Age 30 Regressed on Frequency of Going to Youth Clubs and Whether Youth Club Was Structured**

	Making a positive contribution			Economic well-being			
	Racially intolerant	Not voting	No civic participation	Low Income	Benefits	Workless HH	Workless HH with children
Locus of control age 16	-0.096 0.95	-0.039 0.950*	-0.046 0.986	-0.061 0.979	-0.07 0.919+	-0.07 0.932+	-0.094 0.854**
Wants to stay on at 16	-0.058 0.711	-0.023 1.018	-0.029 1.125	-0.037 0.818	-0.04 0.877	-0.04 1.162	-0.051 1.025
Self efficacy age 16	-0.154 1.027	-0.084 0.999	-0.112 0.917***	-0.103 0.935*	-0.133 0.968	-0.174 0.98	-0.221 0.965
General conduct disorder (16)	-0.055 1.279	-0.021 0.958	-0.022 1.141	-0.029 1.155	-0.034 1.039	-0.034 0.876	-0.048 0.676+
Clumsy/naughty	-0.257 1.059	-0.079 0.948	-0.107 1.088	-0.141 1.033	-0.143 1.13	-0.124 1.182	-0.148 1.014
Clumsy/ frustrated	-0.199 1.346	-0.079 0.977	-0.101 1.023	-0.125 0.922	-0.143 0.889	-0.145 0.936	-0.195 0.864
Low aggression/moderate internalising	-0.315 0.923	-0.078 0.866+	-0.09 0.799*	-0.102 0.730**	-0.103 0.759*	-0.115 0.777*	-0.144 0.785
Constant	-0.181 0.01	-0.069 0.722	-0.071 13.663*	-0.088 0.316	-0.095 2.233	-0.098 0.397	-0.146 0.004*
	-0.096	-0.727	-15.938	-0.52	-3.966	-0.685	-0.011

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Being Healthy				Parenthood & marital status			
	Doesn't Smoke	Not Obses	Not Depressed	No Psychiatric Disturbance	Partnered	Not Teen Parent	Not Single Parent	
CM Female	1.072	0.861	0.550**	0.498***	1.420*	0.145***	0.014***	
	-0.167	-0.176	-0.111	-0.088	-0.201	-0.061	-0.011	
Low income	1.272	1.001	1.081	0.771	1.087	0.563	0.966	
	-0.315	-0.317	-0.325	-0.207	-0.252	-0.293	-0.5	
Medium income	1.363+	1.235	1.091	0.952	0.939	0.735	0.728	
	-0.223	-0.272	-0.228	-0.169	-0.138	-0.306	-0.256	
Medium SES	0.826	0.620*	0.631*	1.377+	1.142	0.443+	1.275	
	-0.148	-0.149	-0.147	-0.265	-0.183	-0.205	-0.475	
Low SES	0.858	0.724	0.524*	1.157	0.792	0.577	0.746	
	-0.229	-0.253	-0.169	-0.331	-0.193	-0.332	-0.375	
Low parental education	0.744	0.783	1.261	1.608+	1.423+	0.563	0.853	
	-0.175	-0.231	-0.366	-0.405	-0.302	-0.342	-0.448	
Medium parental education	0.894	1.354	1.344	1.413+	1.279	0.832	0.796	
	-0.182	-0.362	-0.347	-0.296	-0.227	-0.485	-0.362	
Birth weight	1.08	0.586**	1.208	1.320+	1.013	1.409	0.697	
	-0.152	-0.106	-0.206	-0.202	-0.13	-0.413	-0.201	
No. older sibs at birth	0.987	1.025	0.92	1.027	1.165*	0.738*	1.132	
	-0.077	-0.102	-0.087	-0.089	-0.088	-0.105	-0.176	
No. younger sibs at 10	0.945	1.018	1.07	1.361**	1.144	0.989	0.953	
	-0.094	-0.134	-0.13	-0.154	-0.107	-0.182	-0.182	
Mother age 14-18	1.402	1.505	0.479	1.261	1.476	0.120*	1.039	
	-0.611	-0.884	-0.258	-0.624	-0.606	-0.112	-0.821	
Mother age 19-24	1.531	1.391	0.674	0.945	1.577	0.367	1.661	
	-0.486	-0.564	-0.276	-0.323	-0.459	-0.293	-1.007	
Mother age 25-34	1.779*	1.226	0.758	1.077	1.646+	0.303+	2.114	
	-0.503	-0.439	-0.281	-0.325	-0.425	-0.219	-1.155	
Single parent	0.848	1.081	1.022	1	0.812	1.29	0.756	
	-0.165	-0.28	-0.234	-0.208	-0.145	-0.464	-0.254	
UK ethnicity	1.156	0.787	0.894	2.603**	1.281	0.749	0.201	
	-0.397	-0.398	-0.383	-0.872	-0.395	-0.589	-0.208	

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Being Healthy				Parenthood & marital status			
	Doesn't Smoke	Not Obses	Not Depressed	No Psychiatric Disturbance	Partnered	Not Teen Parent	Not Single Parent	
English as first language	1.67	1.178	2.631*	0.96	1.769	2.12	0.965	
	-0.741	-0.732	-1.271	-0.472	-0.716	-1.652	-0.93	
No/Low Maternal interest	0.438*	1.325	1.966	1.928	1.561	0.499	1.026	
	-0.153	-0.567	-0.841	-0.783	-0.541	-0.302	-0.653	
Medium maternal interest	1.105	0.961	1.692*	1.909**	1.322+	0.778	0.946	
	-0.199	-0.22	-0.396	-0.408	-0.222	-0.295	-0.325	
Maternal interest unknown	1.079	1.224	1	0.949	1.291	0.88	1.571	
	-0.196	-0.294	-0.215	-0.175	-0.214	-0.344	-0.585	
Maternal depression age 5	1.145	0.74	1.157	1.16	1.109	1.265	0.586	
	-0.221	-0.178	-0.267	-0.243	-0.2	-0.492	-0.204	
Parents approve of activities	0.994	0.759	1.279+	1.265+	1.046	0.886	1.409	
	-0.122	-0.131	-0.181	-0.163	-0.119	-0.216	-0.323	
Parents approve of friends	1.108	1.306	1.145	1.047	1.113	0.774	1.325	
	-0.145	-0.221	-0.177	-0.149	-0.135	-0.21	-0.333	
SES 1/2 (%)	1.002	1.01	0.996	1.013*	1.001	1.013	0.995	
	-0.005	-0.008	-0.006	-0.006	-0.005	-0.014	-0.01	
Ethnic minority (%)	1.008	0.976	0.986	0.999	0.99	1.043	0.956	
	-0.016	-0.018	-0.018	-0.017	-0.014	-0.035	-0.029	
High academic level (%)	0.995	1	1.012	0.998	1.003	0.994	0.994	
	-0.007	-0.01	-0.01	-0.007	-0.007	-0.014	-0.012	
Neighbourhood is good age 16	1.466**	0.849	1.234	0.968	1.022	1.132	0.933	
	-0.189	-0.14	-0.19	-0.132	-0.119	-0.297	-0.231	
Maths test age 10	0.882	1.042	1.2	1.331*	0.966	0.837	0.774	
	-0.106	-0.162	-0.177	-0.175	-0.106	-0.209	-0.179	
Reading test age 10	1.189	1.197	1.07	0.952	1.156	1.198	1.162	
	-0.142	-0.185	-0.154	-0.127	-0.128	-0.273	-0.255	
Self efficacy age 10	1.03	1.390**	0.997	1.342**	1.077	0.916	0.868	
	-0.092	-0.159	-0.108	-0.129	-0.088	-0.154	-0.141	
Locus of control age 10	1.012	0.799+	0.944	0.765**	0.997	1.011	1.106	
	-0.094	-0.095	-0.107	-0.078	-0.085	-0.191	-0.193	
Externalising behaviours age 10	0.94	1.031	1.082	1.131	0.962	0.91	0.786	

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Being Healthy				Parenthood & marital status			
	Doesn't Smoke	Not Obses	Not Depressed	No Psychiatric Disturbance	Partnered	Not Teen Parent	Not Single Parent	
Internalising behaviours age 10	-0.097	-0.137	-0.129	-0.128	-0.092	-0.18	-0.153	
	1.013	0.978	0.783*	0.94	0.977	0.979	1.074	
Peer relations age 10	-0.097	-0.117	-0.087	-0.096	-0.085	-0.188	-0.199	
	1.003	1.466***	1.173	1.185+	1.046	1.272	1.081	
Sleeping problems age 10	-0.081	-0.145	-0.116	-0.105	-0.077	-0.211	-0.166	
	0.931	1.095	1.001	1.005	0.998	0.795	0.848	
Soiling probs b/w 5&10	-0.126	-0.199	-0.16	-0.144	-0.124	-0.192	-0.203	
	0.998	0.874	1.479+	1.089	1.013	1.111	0.583+	
Eating probs age 10	-0.161	-0.165	-0.335	-0.2	-0.152	-0.385	-0.162	
	0.985	1.081	0.855+	0.988	0.941	0.84	0.804	
Vocabulary score age 5	-0.08	-0.114	-0.079	-0.084	-0.069	-0.131	-0.12	
	0.995	0.994	0.999	1.002	1.004	1.01	1.01	
Copying score age 5	-0.004	-0.005	-0.005	-0.004	-0.004	-0.009	-0.008	
	1.002	0.993	1.001	0.996	1	0.993	1.005	
Externalising behaviours age 5	-0.004	-0.005	-0.004	-0.004	-0.003	-0.008	-0.007	
	0.914	1.028	0.898	0.753*	0.95	1.173	0.904	
Internalising behaviours age 5	-0.093	-0.139	-0.111	-0.084	-0.091	-0.249	-0.186	
	1.083	1.257+	1.168	1.087	1.11	0.889	1.106	
Does homework after school (16)	-0.102	-0.154	-0.131	-0.108	-0.096	-0.168	-0.2	
	1.419*	1.025	1.529+	1.092	0.944	0.72	1.37	
Reads for pleasure after school (16)	-0.244	-0.229	-0.341	-0.198	-0.143	-0.277	-0.495	
	1.015	1.256	0.958	0.746+	0.925	0.69	0.74	
Helps at home (16)	-0.153	-0.249	-0.177	-0.118	-0.126	-0.221	-0.219	
	0.937	0.925	0.841	1.062	0.969	0.872	0.593**	
Has been to pub in last 2 weeks (16)	-0.088	-0.11	-0.096	-0.106	-0.083	-0.165	-0.106	
	1.085	0.642*	0.745	1.269	1.264	1.366	1.778+	
Has truanted (16)	-0.182	-0.139	-0.155	-0.223	-0.188	-0.489	-0.594	
	0.828	1.038	1.244	0.98	1.297*	0.772	0.788	
Smokes at 16	-0.117	-0.193	-0.218	-0.151	-0.171	-0.24	-0.226	
	0.161***	1.496+	0.955	1.156	1.268	0.499*	0.803	
	-0.027	-0.364	-0.2	-0.221	-0.212	-0.167	-0.266	

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Being Healthy				Parenthood & marital status			
	Doesn't Smoke	Not Obses	Not Depressed	No Psychiatric Disturbance	Partnered	Not Teen Parent	Not Single Parent	
Has had alcoholic drink in last week (16)	1.058	0.936	1.167*	1.017	1.048	1.129	1.116	
	-0.064	-0.071	-0.092	-0.066	-0.058	-0.143	-0.139	
CM engaged in anti-social acts (16)	0.968*	1.028	0.979	0.983	1	0.988	0.978	
	-0.012	-0.017	-0.015	-0.013	-0.012	-0.025	-0.027	
Close friends engaged in antisocial acts	1.011	0.968	0.997	1	1.019	0.992	1.024	
	-0.022	-0.028	-0.025	-0.024	-0.022	-0.042	-0.044	
Close friends engaged in antisocial acts	1.057	0.978	1.07	1.017	0.956	0.91	0.916	
	-0.071	-0.092	-0.093	-0.076	-0.059	-0.12	-0.112	
Causal friends engaged in antisocial acts	0.907+	1.028	1.026	1.089	0.914+	1.057	0.813*	
	-0.052	-0.086	-0.074	-0.072	-0.048	-0.138	-0.085	
Acquaintances engaged in antisocial acts	1.002	1.039	0.962	0.983	1.008	1.001	1.175+	
	-0.041	-0.059	-0.049	-0.045	-0.039	-0.091	-0.111	
Locus of control age 16	1.017	0.992	1.045	1.023	1.043+	1.159**	1.125*	
	-0.027	-0.034	-0.033	-0.029	-0.026	-0.06	-0.057	
Wants to stay on at 16	1.004	0.949	1.054	0.868	0.949	1.339	1.017	
	-0.09	-0.112	-0.115	-0.086	-0.079	-0.252	-0.177	
Self efficacy age 16	1.003	0.99	1.127***	1.088***	1.015	1.075+	1.023	
	-0.022	-0.029	-0.029	-0.025	-0.021	-0.046	-0.043	
General conduct disorder (16)	1.125	0.945	0.842+	0.887	0.999	0.704*	1.423+	
	-0.1	-0.111	-0.084	-0.081	-0.083	-0.107	-0.258	
Clumsy/naughty	1.082	0.903	1.148	1.026	0.98	2.023**	1.033	
	-0.098	-0.099	-0.127	-0.097	-0.082	-0.486	-0.178	
Clumsy/ frustrated	0.916	1.204+	0.965	1.015	1.085	0.957	1.088	
	-0.079	-0.122	-0.096	-0.092	-0.087	-0.16	-0.163	
Low aggression/moderate internalising	1.161+	1.247*	1.085	1.163+	1.075	1.211	1.231	
	-0.099	-0.133	-0.107	-0.106	-0.086	-0.19	-0.198	
Constant	0.7	149.488***	0.123+	0.038**	0.060**	77.850*	709.866**	
	-0.695	-203.481	-0.15	-0.041	-0.056	-166.799	-1581.15	

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Staying safe			Achieving			Making a positive contribution	
	Not Social Housing	Not Homeless	Not Crime Victim	Not Dissatisfied	Has Qualifications	Has level 2	Has Level 4	Not Minor Offender
CM Female	0.701	0.575	1.958**	1.022	0.907	0.862	0.85	6.359***
	-0.16	-0.195	-0.506	-0.209	-0.154	-0.143	-0.166	-1.266
Low income	1.006	1.141	1.481	1.062	1.108	1.181	0.714	1.007
	-0.338	-0.565	-0.612	-0.337	-0.297	-0.308	-0.257	-0.297
Medium income	1.413	1.7	1.588+	0.977	1.021	1.083	0.792	1.305
	-0.372	-0.623	-0.425	-0.219	-0.19	-0.195	-0.149	-0.261
Medium SES	0.619	0.485+	0.801	1.002	0.949	0.853	0.76	1.134
	-0.185	-0.209	-0.246	-0.245	-0.191	-0.167	-0.156	-0.246
Low SES	0.495+	0.392	0.657	0.725	0.838	0.907	0.867	0.707
	-0.185	-0.228	-0.291	-0.236	-0.236	-0.257	-0.322	-0.221
Low parental education	0.588	2.026	1.196	0.966	0.69	0.541*	0.348***	0.855
	-0.216	-1.03	-0.464	-0.308	-0.18	-0.138	-0.104	-0.245
Medium parental education	0.968	1.38	1.222	0.948	0.995	0.904	0.616*	0.846
	-0.339	-0.62	-0.413	-0.272	-0.239	-0.211	-0.134	-0.214
Birth weight	0.972	0.643	1.192	1.069	0.84	0.725*	1.231	1.226
	-0.196	-0.191	-0.279	-0.19	-0.129	-0.111	-0.223	-0.211
No. older sibs at birth	0.968	0.901	0.983	0.88	1.152+	1.149+	0.987	0.915
	-0.1	-0.129	-0.129	-0.085	-0.096	-0.096	-0.11	-0.085
No. younger sibs at 10	0.901	0.922	0.921	1.069	1.297*	1.195+	1.05	1.024
	-0.118	-0.182	-0.149	-0.135	-0.14	-0.127	-0.14	-0.122
Mother age 14-18	0.497	0.491	1.17	0.603	0.6	0.99	0.781	2.067
	-0.29	-0.464	-0.931	-0.332	-0.281	-0.467	-0.497	-1.163
Mother age 19-24	0.998	0.822	0.886	0.794	1.059	1.186	0.846	1.049
	-0.472	-0.619	-0.484	-0.331	-0.376	-0.414	-0.347	-0.408
Mother age 25-34	0.872	0.532	0.85	0.819	0.929	1.092	0.793	1.392
	-0.374	-0.363	-0.424	-0.303	-0.298	-0.345	-0.285	-0.484
Single parent	0.668+	0.976	1.11	0.874	0.994	0.894	1.319	0.954
	-0.162	-0.36	-0.363	-0.214	-0.209	-0.183	-0.338	-0.23

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Staying safe				Achieving			Making a positive contribution
	Not Social Housing	Not Homeless	Not Crime Victim	Not Dissatisfied	Has Qualifications	Has level 2	Has Level 4	Not Minor Offender
UK ethnicity	0.364	0.612	0.476	1.828	1.176	0.938	0.761	2.418*
	-0.227	-0.468	-0.33	-0.749	-0.444	-0.361	-0.301	-0.959
English as first language	0.804	1.668	0.504	1.828	0.856	0.907	1.766	0.98
	-0.569	-1.36	-0.549	-0.939	-0.44	-0.463	-1.047	-0.542
No/Low Maternal interest	1.104	1.364	1.646	1.283	1.371	0.789	0.672	0.637
	-0.458	-0.954	-0.969	-0.544	-0.492	-0.283	-0.57	-0.25
Medium maternal interest	0.978	0.848	0.911	1.056	1.155	1.071	0.709	0.882
	-0.255	-0.334	-0.269	-0.251	-0.229	-0.206	-0.175	-0.19
Maternal interest unknown	0.743	0.576	0.957	0.966	1.029	0.931	1.813**	0.919
	-0.189	-0.213	-0.297	-0.225	-0.199	-0.178	-0.406	-0.207
Maternal depression age 5	0.69	0.964	0.617	1.386	0.891	0.946	0.824	0.798
	-0.169	-0.365	-0.187	-0.345	-0.181	-0.191	-0.227	-0.179
Parents approve of activities	1.24	1.103	0.967	0.953	1.274+	1.365*	1.055	1.144
	-0.206	-0.259	-0.195	-0.146	-0.167	-0.176	-0.176	-0.164
Parents approve of friends	1.137	1.151	1.257	1.392*	0.961	0.832	0.991	1.364*
	-0.2	-0.291	-0.259	-0.226	-0.138	-0.117	-0.173	-0.208
SES 1/2 (%)	1.014	1.015	1	1.008	1.017*	1.016*	1.018**	1.011+
	-0.009	-0.013	-0.009	-0.008	-0.007	-0.007	-0.006	-0.007
Ethnic minority (%)	1.044+	1.034	0.989	0.99	0.992	1.002	1.014	0.98
	-0.024	-0.034	-0.025	-0.019	-0.016	-0.016	-0.021	-0.017
High academic level (%)	0.993	0.974*	1.007	1.008	0.996	0.997	1.017*	1.009
	-0.009	-0.011	-0.014	-0.01	-0.008	-0.008	-0.009	-0.01
Neighbourhood is good age 16	1.101	1.025	1.607*	1.146	1.162	1.25	0.952	0.884
	-0.204	-0.27	-0.339	-0.189	-0.163	-0.174	-0.147	-0.14
Maths test age 10	1.18	0.94	0.963	1.355+	1.269+	1.367*	1.779***	0.803
	-0.201	-0.246	-0.194	-0.212	-0.163	-0.173	-0.284	-0.121
Reading test age 10	1.07	1.661*	1.181	1.113	1.265+	1.419**	1.322	0.982
	-0.175	-0.406	-0.234	-0.169	-0.159	-0.177	-0.227	-0.143
Self efficacy age 10	1.038	1.103	0.775+	1.06	0.891	0.825*	0.907	0.938

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Staying safe				Achieving			Making a positive contribution
	Not Social Housing	Not Homeless	Not Crime Victim	Not Dissatisfied	Has Qualifications	Has level 2	Has Level 4	Not Minor Offender
Locus of control age 10	-0.127	-0.2	-0.119	-0.122	-0.087	-0.08	-0.107	-0.105
	1.128	0.903	1.28	0.89	1.036	1.109	1.029	1.08
Externalising behaviours age 10	-0.145	-0.176	-0.2	-0.107	-0.104	-0.11	-0.126	-0.123
	1.213	0.88	1.042	1.049	0.838	0.893	1.310+	0.838
Internalising behaviours age 10	-0.167	-0.164	-0.168	-0.135	-0.09	-0.096	-0.186	-0.103
	1.076	1.391+	0.924	0.993	1.089	1.08	0.86	1.301*
Peer relations age 10	-0.143	-0.278	-0.144	-0.12	-0.113	-0.11	-0.106	-0.156
	1.495***	1.147	1.09	1.189+	0.933	0.989	1.014	1.167
Sleeping problems age 10	-0.166	-0.191	-0.141	-0.125	-0.083	-0.087	-0.106	-0.113
	1.068	0.829	0.844	1.133	0.96	0.878	1.463*	1.019
Soiling probs b/w 5&10	-0.209	-0.219	-0.181	-0.206	-0.144	-0.128	-0.246	-0.18
	0.700+	1.288	0.998	1.411	1.192	1.048	0.72	0.772
Eating probs age 10	-0.137	-0.451	-0.252	-0.324	-0.219	-0.185	-0.169	-0.138
	1.006	1.025	0.949	0.979	1.096	1.102	1.09	1.138
Vocabulary score age 5	-0.114	-0.167	-0.126	-0.1	-0.097	-0.097	-0.112	-0.116
	1.006	0.997	0.996	1.009+	1	0.999	1.003	0.998
Copying score age 5	-0.006	-0.008	-0.007	-0.005	-0.004	-0.004	-0.005	-0.005
	1	0.998	0.998	0.999	1.010**	1.016***	1.013**	1.002
Externalising behaviours age 5	-0.005	-0.008	-0.006	-0.005	-0.004	-0.004	-0.005	-0.004
	0.758*	0.855	1.028	1.103	0.928	0.878	0.775+	0.924
Internalising behaviours age 5	-0.105	-0.176	-0.176	-0.147	-0.1	-0.094	-0.112	-0.111
	0.985	0.825	1.126	0.899	1.125	1.175	1.091	0.832
Does homework after school (16)	-0.126	-0.152	-0.178	-0.106	-0.115	-0.118	-0.131	-0.094
	1.445	1.294	1.172	0.878	1.467+	1.933***	2.361***	1.373
Reads for pleasure after school (16)	-0.39	-0.491	-0.345	-0.199	-0.29	-0.372	-0.437	-0.3
	1.071	0.739	0.948	1.368	0.985	1.002	1.148	0.94
Helps at home (16)	-0.233	-0.234	-0.238	-0.277	-0.164	-0.162	-0.203	-0.176
	0.924	0.835	0.656**	1.211	1.109	1.210+	0.846	0.966
	-0.123	-0.161	-0.103	-0.15	-0.114	-0.122	-0.098	-0.113

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Staying safe				Achieving			Making a positive contribution
	Not Social Housing	Not Homeless	Not Crime Victim	Not Dissatisfied	Has Qualifications	Has level 2	Has Level 4	Not Minor Offender
Has been to pub in last 2 weeks (16)	1.175	1.093	1.073	1.119	0.996	1.101	0.762	0.881
	-0.278	-0.389	-0.297	-0.244	-0.182	-0.197	-0.149	-0.183
Has truanted (16)	0.726	0.639	1.158	0.815	1.044	0.878	0.991	0.676*
	-0.15	-0.193	-0.275	-0.152	-0.163	-0.133	-0.176	-0.117
Smokes at 16	0.555*	0.67	0.794	0.8	0.877	0.745	0.372***	0.598*
	-0.13	-0.222	-0.224	-0.176	-0.163	-0.135	-0.099	-0.12
Has had alcoholic drink in last week (16)	1.102	0.997	1.05	1.115	0.961	1.003	1.002	1.005
	-0.098	-0.122	-0.107	-0.091	-0.062	-0.064	-0.076	-0.071
CM engaged in anti-social acts (16)	1.008	0.977	0.955*	0.989	1.029*	1.024+	0.996	0.965**
	-0.018	-0.023	-0.018	-0.015	-0.014	-0.014	-0.017	-0.013
Close friends engaged in antisocial acts	1.011	1.07	1.068+	0.996	0.954*	0.950*	0.98	1.004
	-0.031	-0.048	-0.041	-0.025	-0.022	-0.023	-0.037	-0.024
Close friends engaged in antisocial acts	0.846*	0.797*	0.924	0.986	0.935	0.984	1.067	0.939
	-0.069	-0.086	-0.085	-0.077	-0.066	-0.07	-0.087	-0.069
Causal friends engaged in antisocial acts	1.01	1.084	0.905	1.008	1.097	1.022	1.142+	1.016
	-0.082	-0.124	-0.074	-0.072	-0.072	-0.063	-0.08	-0.067
Acquaintances engaged in antisocial acts	1.063	1.07	0.956	0.97	0.976	0.963	0.981	1.036
	-0.065	-0.098	-0.06	-0.052	-0.045	-0.044	-0.05	-0.053
Locus of control age 16	1.035	1.07	0.964	1.037	1.066*	1.051+	1.087*	1.044
	-0.038	-0.057	-0.042	-0.035	-0.029	-0.029	-0.041	-0.032
Wants to stay on at 16	0.901	0.827	0.997	0.896	1.501***	1.706***	2.104***	1.102
	-0.115	-0.153	-0.148	-0.106	-0.14	-0.153	-0.278	-0.12
Self efficacy age 16	1.04	1.098*	1.005	1.069*	1.005	0.971	0.986	0.967
	-0.031	-0.046	-0.037	-0.029	-0.024	-0.023	-0.028	-0.026
General conduct disorder (16)	1.005	0.867	0.892	0.779*	1.035	0.937	0.951	0.941

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Staying safe				Achieving			Making a positive contribution
	Not Social Housing	Not Homeless	Not Crime Victim	Not Dissatisfied	Has Qualifications	Has level 2	Has Level 4	Not Minor Offender
Clumsy/naughty	-0.119	-0.141	-0.126	-0.082	-0.098	-0.086	-0.115	-0.101
	1.22	1.006	0.992	0.924	0.968	0.839+	0.942	1.072
Clumsy/ frustrated	-0.155	-0.157	-0.127	-0.098	-0.093	-0.079	-0.12	-0.118
	1.175	1.113	1.299*	0.936	1.127	0.941	0.886	0.861
Low aggression/moderate internalising	-0.122	-0.161	-0.147	-0.097	-0.099	-0.085	-0.118	-0.09
	1.255*	1.316+	1.166	1.300**	1.108	1.217*	1.303*	1.233*
Constant	-0.139	-0.198	-0.155	-0.131	-0.1	-0.109	-0.162	-0.121
	7.951	56.576*	65.192*	0.124+	0.192	0.378	0.007***	0.292
	-12.004	-115.019	-122.399	-0.157	-0.216	-0.421	-0.009	-0.351

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath  
Missing values of control variables are replaced by imputation

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Making a positive contribution				Economic well-being				
	Not Serious Offender	Not Racially Intolerant	Votes	Civic Participation	Not Low Income	Not on Benefits	Not In Workless HH	Not In a Workless HH with Children	
CM Female	10.799***	3.450***	0.969	2.022***	0.380***	0.356***	0.644+	0.223***	
	-5.467	-1.239	-0.138	-0.345	-0.086	-0.101	-0.171	-0.095	
Low income	2.215	0.537	1.111	1.046	1.346	0.832	1.405	1.056	
	-1.357	-0.273	-0.256	-0.273	-0.469	-0.317	-0.549	-0.571	
Medium income	2.198+	1.404	1.09	1.237	1.139	1.984*	1.472	1.666	
	-0.928	-0.531	-0.163	-0.222	-0.261	-0.605	-0.414	-0.696	
Medium SES	1.503	1.461	0.803	0.755	0.866	0.977	1.305	1.054	
	-0.767	-0.555	-0.133	-0.154	-0.217	-0.33	-0.408	-0.48	
Low SES	0.905	1.821	0.653+	0.583+	0.987	0.717	1.091	0.784	
	-0.6	-1.119	-0.16	-0.165	-0.365	-0.306	-0.457	-0.45	
Low parental education	0.67	0.721	1.33	0.906	0.802	0.825	0.603	0.412	
	-0.436	-0.411	-0.288	-0.243	-0.254	-0.352	-0.246	-0.264	
Medium parental education	0.584	0.426+	1.251	0.808	1.256	1.005	0.836	0.58	
	-0.359	-0.207	-0.232	-0.193	-0.365	-0.398	-0.312	-0.349	
Birth weight	0.865	1.147	0.89	0.863	1.048	0.982	0.743	0.73	
	-0.325	-0.343	-0.117	-0.133	-0.212	-0.227	-0.17	-0.232	
No. older sibs at birth	1.214	1.12	0.968	0.868+	0.912	0.948	1.023	1.24	
	-0.248	-0.191	-0.071	-0.072	-0.098	-0.115	-0.128	-0.236	
No. younger sibs at 10	0.949	1.800*	1.187+	1.03	0.869	1.094	1.314+	1.418	
	-0.226	-0.45	-0.111	-0.111	-0.114	-0.17	-0.218	-0.33	
Mother age 14-18	4.985	1.81	0.595	1.299	1.237	0.569	0.47	0.169+	
	-5.838	-1.875	-0.25	-0.66	-0.768	-0.38	-0.324	-0.169	
Mother age 19-24	1.954	1.389	0.583+	0.91	1.212	1.081	0.718	0.393	
	-1.605	-0.914	-0.179	-0.327	-0.525	-0.564	-0.38	-0.338	
Mother age 25-34	1.879	1.349	0.717	0.705	0.831	1.151	0.903	0.454	
	-1.386	-0.776	-0.197	-0.224	-0.316	-0.531	-0.425	-0.357	
Single parent	0.72	1.442	0.994	0.8	0.723	1.167	0.560*	0.87	
	-0.346	-0.702	-0.179	-0.167	-0.189	-0.345	-0.154	-0.341	
UK ethnicity	3.926+	0.624	1.704+	0.738	0.155*	0.634	1.641	0.475	

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Making a positive contribution				Economic well-being				
	Not Serious Offender	Not Racially Intolerant	Votes	Civic Participation	Not Low Income	Not on Benefits	Not In Workless HH	Not In a Workless HH with Children	
	-2.963	-0.688	-0.538	-0.288	-0.117	-0.462	-0.9	-0.51	
English as first language	2.647	0.001	0.618	3.585**	1.323	1.565	1.227	2.145	
	-2.598	-0.005	-0.289	-1.6	-0.91	-1.068	-0.872	-1.967	
No/Low Maternal interest	0.45	1.139	0.554+	1.097	1.265	1.606	2.463	0.568	
	-0.325	-0.858	-0.181	-0.394	-0.585	-0.866	-1.449	-0.403	
Medium maternal interest	0.839	0.798	1.009	1.171	0.989	0.733	1.204	0.542	
	-0.397	-0.305	-0.165	-0.231	-0.239	-0.224	-0.379	-0.232	
Maternal interest unknown	0.728	1.416	1.317	1.074	1.876*	0.791	0.792	0.615	
	-0.359	-0.628	-0.223	-0.213	-0.502	-0.243	-0.23	-0.27	
Maternal depression age 5	0.945	1.136	0.89	1.452+	0.773	0.612+	0.743	0.499+	
	-0.454	-0.503	-0.156	-0.306	-0.198	-0.173	-0.215	-0.19	
Parents approve of activities	1.399	1.343	1.103	1.118	0.995	1.238	1.121	1.132	
	-0.415	-0.349	-0.125	-0.145	-0.176	-0.237	-0.221	-0.313	
Parents approve of friends	1.053	1.181	0.957	1.172	1.086	1.675**	1.33	1.308	
	-0.333	-0.356	-0.117	-0.162	-0.201	-0.331	-0.277	-0.381	
SES 1/2 (%)	1.018	1.012	1.002	0.997	1.002	1.015	1.003	0.99	
	-0.015	-0.013	-0.005	-0.006	-0.008	-0.011	-0.009	-0.012	
Ethnic minority (%)	1.044	0.998	1.02	0.991	0.993	0.996	0.982	1.002	
	-0.048	-0.034	-0.015	-0.016	-0.022	-0.025	-0.024	-0.036	
High academic level (%)	1.027	0.994	0.998	1.001	1.005	1.009	1.026	1.006	
	-0.026	-0.018	-0.007	-0.008	-0.01	-0.013	-0.017	-0.019	
Neighbourhood is good age 16	1.03	0.939	1.044	1.409*	1.309	0.734	0.694+	0.718	
	-0.363	-0.273	-0.122	-0.197	-0.234	-0.16	-0.148	-0.215	
Maths test age 10	0.954	1.217	1.12	1.445**	1.212	0.861	1.196	0.867	
	-0.31	-0.316	-0.123	-0.189	-0.196	-0.172	-0.239	-0.232	
Reading test age 10	1.005	0.763	1.217+	0.972	1.071	0.975	0.964	1.139	
	-0.313	-0.197	-0.133	-0.124	-0.171	-0.184	-0.189	-0.286	
Self efficacy age 10	1.288	0.796	0.994	1.17	0.798+	0.873	0.864	0.929	
	-0.3	-0.164	-0.082	-0.113	-0.098	-0.128	-0.128	-0.188	

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Making a positive contribution				Economic well-being				
	Not Serious Offender	Not Racially Intolerant	Votes	Civic Participation	Not Low Income	Not on Benefits	Not In Workless HH	Not In a Workless HH with Children	
Locus of control age 10	1.24	0.811	1.131	1.008	1.527***	1.014	1.026	1.117	
	-0.297	-0.16	-0.096	-0.102	-0.193	-0.154	-0.157	-0.235	
Externalising behaviours age 10	0.726	1.064	1.007	1.097	1.221	0.93	0.918	0.878	
	-0.171	-0.266	-0.095	-0.12	-0.17	-0.146	-0.146	-0.192	
Internalising behaviours age 10	1.955*	1.165	0.998	0.945	0.973	1.154	1.08	1.044	
	-0.53	-0.262	-0.087	-0.096	-0.125	-0.184	-0.173	-0.227	
Peer relations age 10	1.268	1.269	0.844*	1.019	0.973	1.236	1.281+	1.014	
	-0.258	-0.205	-0.064	-0.089	-0.108	-0.161	-0.17	-0.19	
Sleeping problems age 10	0.948	2.403+	1.189	1.25	1.08	1.065	1.107	1.079	
	-0.397	-1.199	-0.157	-0.197	-0.201	-0.236	-0.246	-0.331	
Soiling probs b/w 5&10	0.746	1.57	0.892	0.927	0.842	0.573**	0.618*	0.517*	
	-0.246	-0.669	-0.132	-0.155	-0.205	-0.123	-0.131	-0.143	
Eating probs age 10	1.145	1.057	1.063	0.961	0.913	0.919	0.884	0.792	
	-0.263	-0.206	-0.079	-0.083	-0.1	-0.118	-0.111	-0.134	
Vocabulary score age 5	1.023*	1.006	0.997	1.009*	0.998	1.009	1.011+	1.003	
	-0.011	-0.009	-0.004	-0.004	-0.006	-0.007	-0.007	-0.009	
Copying score age 5	1.016	1.006	0.997	1.004	1.012*	1.008	1.001	1.003	
	-0.01	-0.008	-0.003	-0.004	-0.005	-0.006	-0.006	-0.008	
Externalising behaviours age 5	0.838	1.137	0.843+	0.911	0.959	0.854	0.896	0.989	
	-0.203	-0.271	-0.079	-0.101	-0.139	-0.142	-0.146	-0.232	
Internalising behaviours age 5	0.901	0.995	0.882	0.868	1.075	0.979	0.958	1.025	
	-0.239	-0.213	-0.076	-0.088	-0.139	-0.146	-0.14	-0.215	
Does homework after school (16)	4.561*	1.091	1.670**	1.454+	1.619+	1.315	1.184	1.27	
	-2.865	-0.45	-0.266	-0.28	-0.403	-0.411	-0.352	-0.569	
Reads for pleasure after school (16)	0.702	1.361	1.233	1.095	0.843	0.711	0.699	0.673	
	-0.287	-0.494	-0.171	-0.181	-0.175	-0.179	-0.172	-0.235	

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Making a positive contribution				Economic well-being				
	Not Serious Offender	Not Racially Intolerant	Votes	Civic Participation	Not Low Income	Not on Benefits	Not In Workless HH	Not In a Workless HH with Children	
Helps at home (16)	1.135	0.823	1.066	1.102	1.021	0.967	0.853	0.622*	
	-0.305	-0.185	-0.092	-0.113	-0.131	-0.148	-0.128	-0.13	
Has been to pub in last 2 weeks (16)	0.699	0.599	0.891	0.923	1.653*	1.373	1.212	1.54	
	-0.327	-0.242	-0.136	-0.167	-0.378	-0.38	-0.324	-0.583	
Has truanted (16)	0.439*	0.741	0.913	1.019	0.792	0.888	1.03	1.091	
	-0.176	-0.246	-0.12	-0.158	-0.158	-0.216	-0.245	-0.364	
Smokes at 16	0.512+	0.878	1.016	0.655*	0.585*	0.493**	0.702	0.433*	
	-0.206	-0.335	-0.163	-0.122	-0.141	-0.134	-0.194	-0.164	
Has had alcoholic drink in last week (16)	0.861	1.252	0.964	1.077	1.035	1.115	1.205+	1.232	
	-0.115	-0.183	-0.052	-0.071	-0.091	-0.115	-0.128	-0.179	
CM engaged in anti-social acts (16)	0.939*	1.01	1.001	1.02	0.993	1.025	1.022	1.057+	
	-0.024	-0.025	-0.012	-0.014	-0.017	-0.022	-0.021	-0.033	
Close friends engaged in antisocial acts	1.064	0.920*	1.040+	0.984	1.011	0.964	0.951	0.903*	
	-0.051	-0.033	-0.022	-0.022	-0.032	-0.031	-0.03	-0.036	
Close friends engaged in antisocial acts	0.762*	1.049	0.976	0.934	1.248+	1.027	0.911	0.892	
	-0.089	-0.155	-0.06	-0.063	-0.153	-0.112	-0.082	-0.121	
Causal friends engaged in antisocial acts	0.884	1.114	1.01	0.971	1.027	1.019	1.087	1.089	
	-0.108	-0.16	-0.055	-0.06	-0.088	-0.101	-0.105	-0.155	
Acquaintances engaged in antisocial acts	0.957	1.179	0.994	1.06	0.973	0.966	0.933	0.971	
	-0.101	-0.126	-0.038	-0.05	-0.057	-0.065	-0.06	-0.086	
Locus of control age 16	0.945	1.089	1.057*	1.019	1.032	1.092*	1.103*	1.208**	
	-0.062	-0.063	-0.025	-0.029	-0.038	-0.046	-0.047	-0.071	
Wants to stay on at 16	1.275	1.33	0.992	0.894	1.175	1.113	0.853	0.978	
	-0.299	-0.271	-0.081	-0.087	-0.141	-0.166	-0.126	-0.203	
Self efficacy age 16	0.892+	0.957	1.001	1.079**	1.069*	1.017	1.02	1.03	

**Table 4.1 Characteristics Associated with Positive Outcomes**

	Making a positive contribution				Economic well-being			
	Not Serious Offender	Not Racially Intolerant	Votes	Civic Participation	Not Low Income	Not on Benefits	Not In Workless HH	Not In a Workless HH with Children
	-0.053	-0.049	-0.02	-0.025	-0.032	-0.036	-0.036	-0.05
General conduct disorder (16)	1.008	0.694+	1.058	0.860+	0.882	0.959	1.049	1.333
	-0.212	-0.131	-0.086	-0.079	-0.105	-0.131	-0.148	-0.282
Clumsy/naughty	0.937	0.852	0.997	0.91	0.996	0.855	0.87	1.043
	-0.184	-0.156	-0.084	-0.084	-0.12	-0.106	-0.109	-0.195
Clumsy/ frustrated	0.98	0.88	1.034	1.013	1.087	1.122	1.138	1.232
	-0.179	-0.162	-0.082	-0.088	-0.118	-0.126	-0.134	-0.192
Low aggression/moderate internalising	0.932	1.046	1.152+	1.229*	1.331*	1.410**	1.246+	1.268
	-0.185	-0.192	-0.09	-0.107	-0.155	-0.173	-0.157	-0.223
Constant	1.127	720.72	1.344	0.077*	2.98	0.468	1.935	46.614
	-2.844	-6791.81	-1.285	-0.083	-4.617	-0.784	-3.149	-110.187

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are odds ratios from logistic regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 5.2 Poisson regressions of ECM outcomes groups on youth club attendance**

	Healthy	Family	Staying Safe	Enjoying and Achieving	Criminality	Attitudes	Economic
Frequency of YC attendance	0.995 -0.019	1.047+ -0.028	1.075* -0.037	1.041** -0.015	1.099** -0.038	1.043 -0.044	1.043+ -0.023
Went to YC and sports/community centre	0.951 -0.059	0.863+ -0.074	0.839 -0.097	1.018 -0.047	0.919 -0.104	0.909 -0.127	0.929 -0.067
Went to YC and uniformed	1.062 -0.061	1.028 -0.084	0.913 -0.102	0.952 -0.042	1.026 -0.11	0.767+ -0.108	0.977 -0.067
Went to YC and church groups	1.129* -0.068	0.841* -0.074	1.033 -0.125	0.891* -0.044	1.174 -0.141	1.284+ -0.183	0.879+ -0.066
CM Female	1.106** -0.043	1.122* -0.059	0.915 -0.07	1.003 -0.03	0.236*** -0.021	1.789*** -0.169	0.851*** -0.038
Low income	1.046 -0.065	1.004 -0.086	1.011 -0.118	0.956 -0.046	0.999 -0.124	0.944 -0.136	1.029 -0.075
Medium income	0.97 -0.039	0.992 -0.054	0.906 -0.077	0.961 -0.031	0.826* -0.07	0.830+ -0.081	0.992 -0.047
Medium SES	1.03 -0.046	1.005 -0.061	1.206* -0.115	1.087* -0.039	0.993 -0.095	1.102 -0.123	1.063 -0.056
Low SES	1.03 -0.069	0.976 -0.09	1.329* -0.171	1.128* -0.056	1.176 -0.156	1.199 -0.184	1.05 -0.081
Low parental education	0.969 -0.057	0.901 -0.072	1.055 -0.127	1.242*** -0.06	1.131 -0.142	1.386* -0.207	1.003 -0.069
Medium parental education	0.958 -0.048	0.934 -0.063	0.999 -0.108	1.219*** -0.053	1.092 -0.12	1.283+ -0.173	1.025 -0.061
Birth weight	0.973 -0.033	0.918+ -0.042	0.961 -0.062	0.982 -0.025	0.973 -0.069	0.958 -0.076	1.028 -0.04
No. older sibs at birth	1.026 -0.019	1.052* -0.026	1.079* -0.037	1.021 -0.014	0.994 -0.039	1.064 -0.047	1.051* -0.022
No. younger sibs at 10	1.013 -0.025	1 -0.033	1.075+ -0.047	0.991 -0.018	1.069 -0.052	1.110+ -0.061	0.993 -0.028
Mother age 14-18	0.945 -0.104	1.005 -0.154	1.115 -0.23	1.11 -0.094	0.795 -0.18	1.085 -0.279	1.12 -0.147
Mother age 19-24	0.911 -0.068	0.966 -0.1	0.993 -0.152	1.064 -0.063	0.894 -0.139	0.971 -0.177	1.107 -0.1
Mother age 25-34	0.888+ -0.059	1.008 -0.093	0.926 -0.128	1.005 -0.054	0.813 -0.114	0.965 -0.157	1.04 -0.084
Single parent	1.048 -0.051	1.181** -0.076	1.215* -0.105	0.995 -0.038	1.101 -0.112	1.177 -0.128	1.102+ -0.062
UK ethnicity	0.878 -0.075	0.977 -0.114	1.138 -0.21	1.045 -0.076	0.789 -0.141	1.624+ -0.427	0.996 -0.104
English as first language	1.058 -0.12	0.981 -0.145	1.385 -0.355	1.048 -0.097	1.056 -0.257	0.873 -0.245	0.966 -0.127
Mother hostile	1.8 -0.819	2.012 -1.183	0.87 -0.89	1.162 -0.525	1.073 -1.098	0 -0.001	1.536 -0.899
Father hostile	1.373 -0.577	1.733 -0.898	1.185 -0.721	0.797 -0.306	0.774 -0.789	0 -0.001	0.942 -0.486

**Table 5.2 Poisson regressions of ECM outcomes groups on youth club attendance**

	Healthy	Family	Staying Safe	Enjoying and Achieving	Criminality	Attitudes	Economic
No Maternal interest	0.96	1.226	1.02	1.09	0.988	1.172	1.204
	-0.182	-0.308	-0.34	-0.146	-0.349	-0.448	-0.253
Low maternal interest	1.068	0.796	0.921	0.961	1.024	1.005	0.998
	-0.125	-0.135	-0.181	-0.083	-0.228	-0.267	-0.134
Medium maternal interest	0.928	0.988	0.968	1.035	1.025	1.082	0.93
	-0.05	-0.072	-0.102	-0.042	-0.115	-0.131	-0.057
Maternal interest unknown	1.006	0.95	1.051	1.034	0.898	0.838	0.913
	-0.053	-0.069	-0.109	-0.042	-0.102	-0.107	-0.057
No paternal interest	0.925	0.924	0.838	0.948	1.322	0.979	0.86
	-0.154	-0.215	-0.251	-0.113	-0.378	-0.332	-0.166
Low paternal interest	1.004	1.28	1.205	1.086	1.335	1.181	1.1
	-0.13	-0.22	-0.26	-0.099	-0.326	-0.352	-0.157
Medium paternal interest	0.97	0.981	0.866	1.026	0.996	1.024	1.036
	-0.062	-0.086	-0.116	-0.05	-0.138	-0.152	-0.076
Paternal interest unknown	1.007	1.093	1.05	0.989	1.129	1.007	1.033
	-0.053	-0.078	-0.113	-0.041	-0.129	-0.125	-0.063
Maternal depression age 5	1.015	0.983	1.138	0.985	1.104	0.992	1.062
	-0.048	-0.064	-0.099	-0.035	-0.106	-0.107	-0.057
Parents approve of activities	0.950+	0.988	0.862**	0.955*	0.884*	0.916	0.920*
	-0.028	-0.041	-0.048	-0.022	-0.054	-0.064	-0.032
Parents approve of friends	0.954	0.903*	0.909	1.015	0.91	1.079	1.006
	-0.03	-0.039	-0.054	-0.025	-0.058	-0.084	-0.038
SES 1/2 (%)	1	1	0.998	0.996***	0.994+	1	1
	-0.001	-0.002	-0.003	-0.001	-0.003	-0.003	-0.001
Ethnic minority (%)	1.007+	1.001	0.997	0.998	1.003	1.007	0.996
	-0.004	-0.005	-0.008	-0.003	-0.008	-0.009	-0.005
High academic level (%)	1	1.002	1.004	0.999	0.995	0.990*	1
	-0.002	-0.002	-0.003	-0.001	-0.004	-0.005	-0.002
Neighbourhood is good age 16	0.953	0.998	1.003	0.992	0.97	1.093	0.900**
	-0.029	-0.041	-0.061	-0.023	-0.063	-0.079	-0.032
Maths test age 10	0.962	1.031	0.98	0.893***	1.004	0.868*	0.932*
	-0.028	-0.041	-0.055	-0.019	-0.063	-0.057	-0.031
Reading test age 10	1.004	0.976	0.924	0.934**	1.001	0.975	0.979
	-0.03	-0.039	-0.052	-0.02	-0.062	-0.065	-0.033
Self efficacy age 10	0.946**	0.991	0.992	1.01	1.006	1.023	0.949*
	-0.02	-0.028	-0.04	-0.016	-0.046	-0.048	-0.023
Locus of control age 10	1.024	0.994	0.972	0.958*	1.013	0.933	1.021
	-0.023	-0.031	-0.043	-0.016	-0.049	-0.048	-0.027
Externalising behaviours age 10	0.989	1.052	1.066	1.007	1.123*	0.93	1.027
	-0.025	-0.036	-0.048	-0.019	-0.057	-0.056	-0.03
Internalising behaviours age 10	0.996	0.975	0.929	0.984	0.853**	0.971	0.974
	-0.024	-0.032	-0.043	-0.018	-0.045	-0.054	-0.027

**Table 5.2 Poisson regressions of ECM outcomes groups on youth club attendance**

	Healthy	Family	Staying Safe	Enjoying and Achieving	Criminality	Attitudes	Economic
Peer relations age 10	0.913*** -0.018	0.913*** -0.024	0.851*** -0.032	1.002 -0.015	1.006 -0.042	0.963 -0.045	0.998 -0.023
Sleeping problems age 10	1.017 -0.031	1.038 -0.044	1.082 -0.063	0.99 -0.025	1.02 -0.069	1.018 -0.075	1.007 -0.037
Soiling probs b/w 5&10	1.076* -0.037	1.035 -0.049	1.025 -0.065	0.993 -0.028	1.057 -0.072	1.044 -0.089	1.023 -0.042
Eating probs age 10	1.028 -0.02	1.026 -0.027	0.992 -0.038	0.989 -0.015	0.989 -0.043	1.090+ -0.048	0.997 -0.023
Vocabulary score age 5	1 -0.001	0.997* -0.001	0.998 -0.002	0.999 -0.001	1 -0.002	0.997 -0.002	0.996** -0.001
Copying score age 5	1 -0.001	0.999 -0.001	0.997+ -0.002	0.998** -0.001	1.001 -0.002	0.995** -0.002	1.001 -0.001
Externalising behaviours age 5	1.053* -0.026	0.956 -0.033	1.009 -0.047	1.016 -0.019	1.051 -0.054	1.03 -0.059	0.993 -0.028
Internalising behaviours age 5	0.997 -0.023	1.015 -0.031	1.019 -0.045	0.987 -0.017	0.964 -0.047	0.972 -0.053	1.043 -0.027
Does homework after school (16)	0.949 -0.044	1.016 -0.062	0.726** -0.074	0.780*** -0.03	0.772* -0.082	0.651*** -0.079	0.849** -0.047
Reads for pleasure after school (16)	1.053 -0.04	1.019 -0.053	1.092 -0.083	0.969 -0.029	1.068 -0.089	0.999 -0.09	0.908* -0.041
Helps at home (16)	1.040+ -0.024	1.084* -0.034	1.128** -0.052	1.001 -0.018	1.073 -0.054	1.005 -0.055	0.98 -0.027
Has been to pub in last 2 weeks (16)	0.961 -0.041	0.884* -0.05	0.964 -0.081	1.039 -0.034	0.966 -0.087	0.97 -0.096	1.014 -0.05
Has truanted (16)	1.021 -0.036	0.979 -0.048	1.229** -0.086	1.055* -0.029	1.275** -0.096	1.019 -0.085	1 -0.041
Smokes at 16	1.523*** -0.066	1.092 -0.069	1.329*** -0.112	1.113** -0.038	1.256* -0.113	1.342** -0.14	1.066 -0.057
Has had alcoholic drink in last week (16)	0.999 -0.015	0.961+ -0.021	0.930* -0.029	0.993 -0.012	1.017 -0.029	0.935+ -0.036	0.979 -0.017
CM engaged in anti-social acts (16)	1.007* -0.003	1.001 -0.004	1.010+ -0.006	0.995* -0.002	1.024*** -0.006	0.998 -0.008	1 -0.004
Close friends engaged in antisocial acts	0.999 -0.005	0.996 -0.008	0.995 -0.009	1.007+ -0.004	0.984+ -0.009	1.007 -0.012	1.007 -0.006
Close friends engaged in antisocial acts	0.989 -0.016	1.02 -0.022	1.037 -0.026	1 -0.013	1.035 -0.025	0.966 -0.044	1.005 -0.019
Causal friends engaged in antisocial acts	0.998 -0.015	1.032 -0.021	1.063* -0.027	0.991 -0.012	1.023 -0.027	1.014 -0.037	0.997 -0.018
Acquaintances engaged in antisocial acts	1.003 -0.011	0.993 -0.015	1.002 -0.02	0.999 -0.008	0.996 -0.02	1.019 -0.025	0.988 -0.012

**Table 5.2 Poisson regressions of ECM outcomes groups on youth club attendance**

	Healthy	Family	Staying Safe	Enjoying and Achieving	Criminality	Attitudes	Economic
Locus of control age 16	0.977*** -0.006	0.970*** -0.009	0.986 -0.012	0.983*** -0.005	0.960** -0.013	0.975+ -0.015	0.971*** -0.007
Wants to stay on at 16	0.998 -0.023	1.007 -0.031	0.94 -0.042	0.816*** -0.014	0.971 -0.047	0.853** -0.044	0.957+ -0.025
Self efficacy age 16	0.973*** -0.005	0.983* -0.007	0.969** -0.01	0.990* -0.004	1 -0.011	0.952*** -0.012	0.977*** -0.006
General conduct disorder (16)	1.043* -0.022	1.007 -0.029	1.101* -0.043	1.037* -0.017	1.054 -0.047	1.069 -0.052	1.025 -0.025
Clumsy/naughty	1.005 -0.021	1.009 -0.029	1.015 -0.038	1.026 -0.016	0.966 -0.043	1.013 -0.053	1.032 -0.025
Clumsy/ frustrated	1.016 -0.022	0.947+ -0.027	0.914* -0.033	1.021 -0.017	1.008 -0.043	1.041 -0.053	1.019 -0.026
Low aggression/moderate internalising	0.940** -0.02	0.952 -0.029	0.903** -0.036	0.939*** -0.015	0.885** -0.037	0.893* -0.043	0.948* -0.024
Constant	1.767* -0.416	1.471 -0.471	0.407+ -0.192	2.551*** -0.475	0.616 -0.308	0.373+ -0.221	1.916* -0.531

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are relative risk ratios from poisson regression estimates with standard errors beneath

Missing values of control variables are replaced by imputation

**Table 5.3 Ordinary Least Squares Regression of Summary Outcome Measures on Youth Club Attendance**

	All outcomes including income b/se	All outcomes excluding income b/se
Frequency of YC attendance	0.187***	0.165***
	-0.043	-0.043
Went to YC and sports/community centre	-0.353*	-0.325*
	-0.137	-0.135
Went to YC and uniformed	-0.144	-0.046
	-0.127	-0.124
Went to YC and church groups	-0.067	-0.112
	-0.135	-0.131
CM Female	-0.064	-0.054
	-0.082	-0.082
Low income	0.143	0.212
	-0.145	-0.138
Medium income	-0.085	-0.081
	-0.083	-0.083
Medium SES	0.084	0.14
	-0.09	-0.09
Low SES	0.176	0.364*
	-0.148	-0.145
Low parental education	0.314**	0.192
	-0.122	-0.121
Medium parental education	0.133	0.06
	-0.099	-0.099
Birth weight	-0.147*	-0.107
	-0.073	-0.072
No. older sibs at birth	0.156***	0.167***
	-0.044	-0.042
No. younger sibs at 10	0.095+	0.083
	-0.055	-0.052
Mother age 14-18	0.237	0.243
	-0.253	-0.243
Mother age 19-24	0.008	0.025
	-0.165	-0.163
Mother age 25-34	-0.184	-0.166
	-0.147	-0.146
Single parent	0.242*	0.378***
	-0.111	-0.107
UK ethnicity	0.048	-0.049
	-0.192	-0.19
English as first language	0.305	0.227
	-0.249	-0.241
Mother hostile	1.135	1.022
	-1.168	-1.322
Father hostile	-0.904	1.069
	-1.193	-1.156
No Maternal interest	1.108*	0.33
	-0.528	-0.499
Low maternal interest	0.173	-0.084
	-0.301	-0.281

**Table 5.3 Ordinary Least Squares Regression of Summary Outcome Measures on Youth Club Attendance**

	All outcomes including income b/se	All outcomes excluding income b/se
Medium maternal interest	-0.095	-0.137
	-0.119	-0.115
Maternal interest unknown	-0.208+	-0.129
	-0.117	-0.114
No paternal interest	0.04	0.016
	-0.444	-0.426
Low paternal interest	0.544+	0.696*
	-0.327	-0.298
Medium paternal interest	0.076	-0.036
	-0.133	-0.132
Paternal interest unknown	0.108	0.059
	-0.111	-0.109
Maternal depression age 5	0.075	0.174+
	-0.105	-0.103
Parents approve of activities	-0.166*	-0.254***
	-0.069	-0.067
Parents approve of friends	-0.139+	-0.167*
	-0.073	-0.071
SES 1/2 (%)	-0.005+	-0.005*
	-0.003	-0.003
Ethnic minority (%)	-0.007	0.001
	-0.009	-0.009
High academic level (%)	-0.006	-0.002
	-0.004	-0.004
Neighbourhood is good age 16	-0.110+	-0.093
	-0.064	-0.063
Maths test age 10	-0.207***	-0.198**
	-0.062	-0.061
Reading test age 10	-0.129*	-0.152*
	-0.065	-0.063
Self efficacy age 10	-0.056	-0.071
	-0.045	-0.044
Locus of control age 10	-0.064	-0.029
	-0.048	-0.047
Externalising behaviours age 10	0.048	0.135*
	-0.058	-0.056
Internalising behaviours age 10	-0.091+	-0.159**
	-0.051	-0.05
Peer relations age 10	-0.166***	-0.164***
	-0.043	-0.042
Sleeping problems age 10	0.147*	0.095
	-0.068	-0.067
Soiling probs b/w 5&10	0.062	0.198*
	-0.09	-0.083
Eating probs age 10	-0.027	0.023
	-0.043	-0.042
Vocabulary score age 5	-0.001	-0.004*
	-0.002	-0.002
Copying score age 5	-0.002	-0.003+

**Table 5.3 Ordinary Least Squares Regression of Summary Outcome Measures on Youth Club Attendance**

	All outcomes including income b/se	All outcomes excluding income b/se
	-0.002	-0.002
Externalising behaviours age 5	0.039	-0.002
	-0.055	-0.054
Internalising behaviours age 5	0.014	0.04
	-0.05	-0.048
Does homework after school (16)	-0.423***	-0.455***
	-0.092	-0.092
Reads for pleasure after school (16)	-0.087	-0.003
	-0.081	-0.079
Helps at home (16)	0.033	0.117*
	-0.05	-0.049
Has been to pub in last 2 weeks (16)	0.034	-0.054
	-0.089	-0.088
Has truanted (16)	0.143+	0.139+
	-0.076	-0.075
Smokes at 16	0.846***	0.814***
	-0.106	-0.101
Has had alcoholic drink in last week (16)	-0.046	-0.083**
	-0.033	-0.032
CM engaged in anti-social acts (16)	-0.001	0.005
	-0.007	-0.007
Close friends engaged in antisocial acts	0.038**	0.038**
	-0.013	-0.012
Close friends engaged in antisocial acts	-0.011	0.035
	-0.041	-0.037
Causal friends engaged in antisocial acts	0.024	0.014
	-0.034	-0.033
Acquaintances engaged in antisocial acts	-0.021	-0.018
	-0.023	-0.023
Locus of control age 16	-0.096***	-0.097***
	-0.015	-0.014
Wants to stay on at 16	-0.329***	-0.355***
	-0.05	-0.048
Self efficacy age 16	-0.070***	-0.070***
	-0.012	-0.012
General conduct disorder (16)	0.133**	0.151**
	-0.049	-0.047
Clumsy/naughty	0.03	0.044
	-0.052	-0.048
Clumsy/ frustrated	-0.023	-0.103*
	-0.054	-0.051
Low aggression/moderate internalising	-0.270***	-0.313***
	-0.052	-0.05
Constant	6.864***	7.440***
	-0.53	-0.514
Adjusted R-squared	0.3358	0.3366

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are ordinary least squares coefficients (unstandardized) with standard errors beneath

Missing values of control variables are replaced by imputation

**Tables 5.4 and 6.1 Ordinary Least Squares Regression of Summary Outcome Measures on Youth Club Attendance**

	All Outcomes - unweighted	All Outcomes - weighted	All Outcomes Except Income - unweighted	All Outcomes Except Income - weighted
Frequency of YC attendance	0.187***	0.235***	0.208***	0.208***
	-0.043	-0.049	-0.051	-0.051
Went to YC and sports/community centre	-0.353*	-0.429**	-0.308+	-0.308+
	-0.137	-0.157	-0.167	-0.167
Went to YC and uniformed	-0.144	-0.177	-0.121	-0.121
	-0.127	-0.152	-0.152	-0.152
Went to YC and church groups	-0.067	-0.1	-0.192	-0.192
	-0.135	-0.167	-0.159	-0.159
CM Female	-0.064	-0.005	0.015	0.015
	-0.082	-0.105	-0.102	-0.102
Low income	0.143	0.044	0.068	0.068
	-0.145	-0.184	-0.177	-0.177
Medium income	-0.085	-0.193*	-0.195+	-0.195+
	-0.083	-0.097	-0.103	-0.103
Medium SES	0.084	0.072	0.112	0.112
	-0.09	-0.102	-0.101	-0.101
Low SES	0.176	0.265	0.384*	0.384*
	-0.148	-0.174	-0.17	-0.17
Low parental education	0.314**	0.334*	0.236+	0.236+
	-0.122	-0.137	-0.14	-0.14
Medium parental education	0.133	0.107	0.017	0.017
	-0.099	-0.109	-0.108	-0.108
Birth weight	-0.147*	-0.171+	-0.11	-0.11
	-0.073	-0.098	-0.092	-0.092
No. older sibs at birth	0.156***	0.160**	0.167**	0.167**
	-0.044	-0.058	-0.056	-0.056
No. younger sibs at 10	0.095+	0.11	0.149*	0.149*
	-0.055	-0.074	-0.068	-0.068
Mother age 14-18	0.237	-0.042	-0.168	-0.168
	-0.253	-0.345	-0.309	-0.309
Mother age 19-24	0.008	-0.078	-0.043	-0.043
	-0.165	-0.22	-0.203	-0.203
Mother age 25-34	-0.184	-0.282	-0.219	-0.219
	-0.147	-0.192	-0.175	-0.175
Single parent	0.242*	0.142	0.401**	0.401**
	-0.111	-0.141	-0.15	-0.15
UK ethnicity	0.048	-0.185	-0.183	-0.183
	-0.192	-0.287	-0.252	-0.252
English as first language	0.305	0.47	0.426	0.426
	-0.249	-0.322	-0.297	-0.297
Mother hostile	1.135	1.716	1.542	1.542
	-1.168	-1.773	-1.654	-1.654
Father hostile	-0.904	-0.933+	2.329	2.329
	-1.193	-0.536	-2.151	-2.151
No Maternal interest	1.108*	1.359*	0.185	0.185
	-0.528	-0.686	-0.546	-0.546

**Tables 5.4 and 6.1 Ordinary Least Squares Regression of Summary Outcome Measures on Youth Club Attendance**

	All Outcomes - unweighted	All Outcomes - weighted	All Outcomes Except Income - unweighted	All Outcomes Except Income - weighted
Low maternal interest	0.173	0.097	-0.397	-0.397
	-0.301	-0.362	-0.344	-0.344
Medium maternal interest	-0.095	-0.207	-0.338*	-0.338*
	-0.119	-0.137	-0.145	-0.145
Maternal interest unknown	-0.208+	-0.226+	-0.181	-0.181
	-0.117	-0.134	-0.151	-0.151
No paternal interest	0.04	0.051	0.108	0.108
	-0.444	-0.503	-0.449	-0.449
Low paternal interest	0.544+	0.565	0.915*	0.915*
	-0.327	-0.494	-0.41	-0.41
Medium paternal interest	0.076	0.056	0.008	0.008
	-0.133	-0.147	-0.147	-0.147
Paternal interest unknown	0.108	0.136	0.154	0.154
	-0.111	-0.12	-0.133	-0.133
Maternal depression age 5	0.075	0.095	0.157	0.157
	-0.105	-0.129	-0.123	-0.123
Parents approve of activities	-0.166*	-0.155+	-0.198*	-0.198*
	-0.069	-0.084	-0.081	-0.081
Parents approve of friends	-0.139+	-0.203*	-0.273**	-0.273**
	-0.073	-0.09	-0.098	-0.098
SES 1/2 (%)	-0.005+	-0.007*	-0.008**	-0.008**
	-0.003	-0.003	-0.003	-0.003
Ethnic minority (%)	-0.007	-0.008	-0.002	-0.002
	-0.009	-0.011	-0.012	-0.012
High academic level (%)	-0.006	-0.008	-0.005	-0.005
	-0.004	-0.005	-0.005	-0.005
Neighbourhood is good age 16	-0.110+	-0.105	-0.103	-0.103
	-0.064	-0.074	-0.07	-0.07
Maths test age 10	-0.207***	-0.181*	-0.195**	-0.195**
	-0.062	-0.076	-0.074	-0.074
Reading test age 10	-0.129*	-0.163*	-0.139+	-0.139+
	-0.065	-0.073	-0.075	-0.075
Self efficacy age 10	-0.056	-0.08	-0.072	-0.072
	-0.045	-0.054	-0.052	-0.052
Locus of control age 10	-0.064	-0.06	-0.054	-0.054
	-0.048	-0.056	-0.053	-0.053
Externalising behaviours age 10	0.048	0.082	0.150*	0.150*
	-0.058	-0.069	-0.069	-0.069
Internalising behaviours age 10	-0.091+	-0.089	-0.170**	-0.170**
	-0.051	-0.058	-0.06	-0.06
Peer relations age 10	-0.166***	-0.168**	-0.201***	-0.201***
	-0.043	-0.052	-0.051	-0.051
Sleeping problems age 10	0.147*	0.185*	0.119	0.119
	-0.068	-0.083	-0.079	-0.079
Soiling probs b/w 5&10	0.062	-0.003	0.158	0.158
	-0.09	-0.11	-0.111	-0.111
Eating probs age 10	-0.027	-0.019	0.032	0.032

**Tables 5.4 and 6.1 Ordinary Least Squares Regression of Summary Outcome Measures on Youth Club Attendance**

	All Outcomes - unweighted	All Outcomes - weighted	All Outcomes Except Income - unweighted	All Outcomes Except Income - weighted
Vocabulary score age 5	-0.043	-0.051	-0.049	-0.049
	-0.001	0.001	-0.004	-0.004
Copying score age 5	-0.002	-0.003	-0.002	-0.002
	-0.002	-0.003	-0.005*	-0.005*
Externalising behaviours age 5	0.039	0.05	0.003	0.003
	-0.055	-0.07	-0.066	-0.066
Internalising behaviours age 5	0.014	0.034	0.029	0.029
	-0.05	-0.063	-0.057	-0.057
Does homework after school (16)	-0.423***	-0.460***	-0.495***	-0.495***
	-0.092	-0.108	-0.107	-0.107
Reads for pleasure after school (16)	-0.087	-0.083	-0.038	-0.038
	-0.081	-0.095	-0.096	-0.096
Helps at home (16)	0.033	0.069	0.201**	0.201**
	-0.05	-0.059	-0.061	-0.061
Has been to pub in last 2 weeks (16)	0.034	0.04	-0.114	-0.114
	-0.089	-0.104	-0.108	-0.108
Has truanted (16)	0.143+	0.124	0.185*	0.185*
	-0.076	-0.091	-0.092	-0.092
Smokes at 16	0.846***	0.902***	0.819***	0.819***
	-0.106	-0.134	-0.129	-0.129
Has had alcoholic drink in last week (16)	-0.046	-0.038	-0.051	-0.051
	-0.033	-0.036	-0.039	-0.039
CM engaged in anti-social acts (16)	-0.001	-0.007	0.006	0.006
	-0.007	-0.008	-0.009	-0.009
Close friends engaged in antisocial acts	0.038**	0.045*	0.038*	0.038*
	-0.013	-0.018	-0.016	-0.016
Close friends engaged in antisocial acts	-0.011	0.004	0.036	0.036
	-0.041	-0.045	-0.052	-0.052
Causal friends engaged in antisocial acts	0.024	0.012	-0.003	-0.003
	-0.034	-0.042	-0.039	-0.039
Acquaintances engaged in antisocial acts	-0.021	-0.022	-0.015	-0.015
	-0.023	-0.027	-0.026	-0.026
Locus of control age 16	-0.096***	-0.103***	-0.106***	-0.106***
	-0.015	-0.017	-0.017	-0.017
Wants to stay on at 16	-0.329***	-0.319***	-0.355***	-0.355***
	-0.05	-0.058	-0.059	-0.059
Self efficacy age 16	-0.070***	-0.075***	-0.065***	-0.065***
	-0.012	-0.016	-0.015	-0.015
General conduct disorder (16)	0.133**	0.145*	0.170**	0.170**
	-0.049	-0.06	-0.058	-0.058
Clumsy/naughty	0.03	0.037	0.049	0.049

**Tables 5.4 and 6.1 Ordinary Least Squares Regression of Summary Outcome Measures on Youth Club Attendance**

	<b>All Outcomes - unweighted</b>	<b>All Outcomes - weighted</b>	<b>All Outcomes Except Income - unweighted</b>	<b>All Outcomes Except Income - weighted</b>
	-0.052	-0.061	-0.065	-0.065
Clumsy/ frustrated	-0.023	0.002	-0.124+	-0.124+
	-0.054	-0.064	-0.07	-0.07
Low aggression/moderate internalising	-0.270***	-0.287***	-0.343***	-0.343***
	-0.052	-0.064	-0.068	-0.068
Constant	6.864***	7.413***	7.625***	7.625***
	-0.53	-0.685	-0.65	-0.65
Number of obs	3502	3502	4677	4677
R-squared	0.3358	0.3651	0.3581	0.3581

+ $p < 0.10$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

Stats are ordinary least squares coefficients (unstandardized) with standard errors beneath

Missing values of control variables are replaced by imputation