

# **LEISURE CONTEXTS IN ADOLESCENCE AND THEIR EFFECTS ON ADULT OUTCOMES**

**Leon Feinstein, John Bynner and  
Kathryn Duckworth**

## **APPENDICES**

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## **Appendices**

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## Appendix 1: Summary statistics for age 30 outcome variables, age 16 contexts and age 16 frequency of participation

Outcome	Variable	Definition	Obs	Mean	Std. Dev.	Min	Max
<b>Being healthy</b>							
<i>Mental health &amp; well-being</i>							
1	Smoker	Currently smokes cigarettes	11170	0.37	0.48	0	1
2	Obesity	Currently obese	11262	0.14	0.35	0	1
3	Depressed	Depressed (Malaise score of 7 or more)	11082	0.17	0.38	0	1
4	Psychiatric disturbance	Psychiatric disturbance (GHQ score of 4 or more)	11071	0.20	0.40	0	1
<i>Parenthood &amp; marital status</i>							
5	Single, separated or divorced	Single, separated or divorced	11121	0.33	0.47	0	1
6	Parent before age 19	Parent before age 19	11226	0.01	0.07	0	1
7	Single parent	Single parent	11226	0.06	0.23	0	1
<b>Staying safe</b>							
8	Temporary or social housing	Lives in temporary or Local Authority/Housing Association-rented	11115	0.15	0.35	0	1
9	Homelessness	Has been homeless since last interview	10219	0.07	0.25	0	1
10	Victim of crime	Since April 1986 has been seen by a doctor after being subject to violent assault, mugging or sexual assault	11262	0.07	0.26	0	1
<b>Enjoying &amp; achieving</b>							
11	Dissatisfied	Dissatisfied with how life has turned out so far	11070	0.15	0.36	0	1
12	No qualifications	No qualifications	11188	0.28	0.45	0	1
13	Not level 2 qualifications	Not obtained level 2 qualifications	11188	0.36	0.48	0	1
14	Not level 4 qualifications	Not obtained level 4 qualifications, i.e. degree or above.	11188	0.80	0.40	0	1
<b>Making a positive contribution</b>							
15	Offender – minor level	Arrested, cautioned or found guilty in court at least once since last interview	11073	0.23	0.42	0	1
16	Offender – serious level	Found guilty in court at least twice since last interview	11073	0.05	0.21	0	1
17	Racially intolerant	Intolerant of people from different races	11081	0.05	0.21	0	1
18	Voting	Voted in 1997 election	11183	0.38	0.48	0	1
19	Civic participation	Currently a member of any organisations*	11262	0.90	0.30	0	1
<b>Economic well-being</b>							
20	Low income	In receipt of low income	8067	0.19	0.39	0	1
21	Benefits	Cohort member or their partner is claiming Job Seeker's Allowance, Income Support or Housing Benefit	11191	0.10	0.31	0	1
22	Workless household	In a workless household	11226	0.10	0.30	0	1
23	Workless household w. children	In a workless household with children	11226	0.05	0.23	0	1
Context	Variable		Obs	Mean	Std. Dev.	Min	Max
1	Sports / Community Centre	Have been in the last 12 months	6417	0.74	0.44	0	1
2	Youth Club	Have been in the last 12 months	6417	0.28	0.45	0	1
3	Uniformed Youth Club	Have been in the last 12 months	6417	0.44	0.50	0	1
4	Church	Have been in the last 12 months	6417	0.28	0.45	0	1
5	Other	Have been involved in any other activity not listed in last 12 mths	6417	0.32	0.46	0	1
6	Any lessons	Have had any instruction in ** in last 12 months	6417	0.77	0.42	0	1
7	School lessons	Instruction in school	6417	0.57	0.49	0	1
8	Non-school lessons	Instruction out of school	6417	0.57	0.50	0	1
9	Volunteer	Voluntary (non-paid) activities	6417	0.64	0.48	0	1
10	School activities	Involvement in activities arranged by school	6417	0.78	0.42	0	1
Frequencies	Variable		Obs	Mean	Std. Dev.	Min	Max
1	Frequency of going to sports centre	More than once a wk; once a wk; 1/2 a mth; >1 mth	6355	1.192919	1.316195	0	4
2	Frequency of going to community centre	More than once a wk; once a wk; 1/2 a mth; >1 mth	6359	0.2270797	0.7763508	0	4
3	Frequency of going to youth club	More than once a wk; once a wk; 1/2 a mth; >1 mth	6391	0.7352527	1.312159	0	4
4	Frequency of going to uniformed youth club	More than once a wk; once a wk; 1/2 a mth; >1 mth	6386	0.3703414	1.050871	0	4
5	Frequency of going to church activities	More than once a wk; once a wk; 1/2 a mth; >1 mth	6417	0.6066698	1.157031	0	4

\* Political party; charity/vol grp (env); charity/vol grp (oth); women's grps/guild/ inst; parents/school orgs; tenants/residents assoc.

\*\*Self defence; swimming; dancing; music; drama/speech; dressmaking; shorthand; typing; aerobics/keep fit.

## Appendix 2: Summary statistics for control variables (page 1 of 2)

Variable	Obs.	Mean	s.d.	Min	Max
<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
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

## Appendix 2: Summary statistics for control variables (page 2 of 2)

Variable	Obs.	Mean	s.d.	Min	Max
<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. antisoc acts	13503	11.29	7.35	-0.06	104
CM engaged in criminal antisoc acts	13503	2.04	3.38	-1.35	52
Close friends engaged in antisoc acts	13503	0.43	0.9	-0.38	13
Casual friends engaged in antisoc acts	13503	0.68	0.98	-0.39	13
Acquaintances engaged in antisoc 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.

### Appendix 3: Explanation of participation in contexts: single regression on all control variables (page 1 of 3)

	Age 16 contexts																			
	Sports/ Community Centre		Youth Club		Uniformed Youth Club		Church		Other		Any lessons		School lessons		Non-school lessons		Volunteer		School activities	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls</b>																				
CM female	-0.02	-1.39	-0.01	-0.86	-0.01	-0.39	<b>0.06</b>	<b>4.40</b>	<b>-0.14</b>	<b>-9.51</b>	<b>0.22</b>	<b>17.39</b>	<b>0.31</b>	<b>20.10</b>	<b>0.19</b>	<b>12.07</b>	<b>0.27</b>	<b>18.01</b>	<b>0.04</b>	<b>3.51</b>
Low income	0.00	-0.01	<b>0.06</b>	<b>2.36</b>	0.03	1.10	<b>0.06</b>	<b>2.49</b>	<b>0.06</b>	<b>2.17</b>	0.02	1.07	-0.01	-0.24	0.04	1.52	<b>0.09</b>	<b>3.20</b>	-0.02	-0.92
Medium income	0.01	0.95	0.00	0.21	<b>0.08</b>	<b>5.14</b>	<b>0.03</b>	<b>2.50</b>	<b>0.06</b>	<b>3.97</b>	0.01	0.55	0.01	0.38	0.01	0.95	0.01	0.72	0.01	0.83
Med SES	0.01	0.64	0.00	0.25	<b>-0.04</b>	<b>-2.05</b>	<b>-0.04</b>	<b>-2.32</b>	<b>-0.05</b>	<b>-2.80</b>	<b>0.03</b>	<b>1.69</b>	0.03	1.51	0.01	0.34	0.02	1.29	<b>-0.03</b>	<b>-1.98</b>
Low SES	0.00	0.17	0.01	0.28	-0.04	-1.42	-0.04	-1.56	<b>-0.07</b>	<b>-2.30</b>	0.01	0.59	0.00	0.14	-0.02	-0.77	0.02	0.61	<b>-0.06</b>	<b>-2.57</b>
Low parental education	-0.04	-1.54	0.01	0.38	<b>-0.07</b>	<b>-2.67</b>	-0.04	-1.62	<b>-0.07</b>	<b>-3.01</b>	-0.02	-1.11	-0.02	-0.90	-0.03	-1.03	0.01	0.42	-0.02	-1.03
Med parental education	-0.02	-1.08	0.02	0.88	-0.02	-0.81	0.01	0.56	<b>-0.04</b>	<b>-1.87</b>	<b>-0.04</b>	<b>-2.09</b>	<b>-0.04</b>	<b>-1.97</b>	-0.03	-1.27	0.01	0.27	0.00	0.05
Birth weight	-0.01	-0.72	<b>-0.03</b>	<b>-2.41</b>	0.02	1.42	<b>-0.03</b>	<b>-2.30</b>	<b>-0.02</b>	<b>-1.64</b>	-0.01	-1.20	-0.01	-0.75	0.00	-0.27	0.00	0.34	0.01	0.49
No. older sibs at birth	0.00	-0.26	0.00	0.13	<b>-0.02</b>	<b>-2.11</b>	0.01	0.81	<b>-0.02</b>	<b>-1.91</b>	0.00	0.69	0.00	0.12	-0.01	-1.32	0.00	-0.13	0.00	-0.52
No. younger sibs at 10	0.00	0.03	<b>0.02</b>	<b>2.22</b>	0.01	1.27	<b>0.02</b>	<b>1.97</b>	-0.02	-1.62	0.01	1.05	0.01	1.06	0.01	0.90	0.00	0.45	-0.01	-0.99
Mother age 14-18	0.00	0.06	0.01	0.32	-0.08	-1.56	-0.08	-1.62	<b>-0.09</b>	<b>-1.83</b>	-0.04	-0.87	0.00	-0.08	-0.03	-0.66	-0.05	-1.02	0.01	0.17
Mother age 19-24	-0.01	-0.34	-0.02	-0.79	-0.03	-0.94	<b>-0.06</b>	<b>-1.82</b>	-0.03	-1.02	<b>-0.06</b>	<b>-1.92</b>	0.00	-0.07	<b>-0.06</b>	<b>-1.86</b>	-0.05	-1.59	0.02	0.61
Mother age 25-34	-0.01	-0.51	0.01	0.26	0.01	0.43	-0.03	-1.17	-0.02	-0.63	-0.04	-1.59	0.01	0.39	-0.04	-1.45	<b>-0.06</b>	<b>-1.94</b>	0.00	0.08
Single parent	-0.02	-1.00	-0.01	-0.54	-0.01	-0.62	-0.01	-0.68	0.00	-0.15	-0.02	-1.21	0.01	0.24	-0.03	-1.46	0.03	1.54	0.00	-0.14
UK ethnicity	0.00	-0.12	0.04	1.15	<b>0.09</b>	<b>2.63</b>	0.00	-0.06	0.00	-0.11	-0.01	-0.35	-0.05	-1.41	-0.01	-0.21	<b>0.09</b>	<b>2.76</b>	-0.02	-0.69
English as first language	0.05	1.26	0.06	1.33	<b>0.15</b>	<b>3.19</b>	-0.05	-1.38	-0.02	-0.39	0.04	1.11	0.03	0.69	0.01	0.21	0.05	1.14	0.01	0.40
Mother hostile	<b>-0.23</b>	<b>-1.66</b>	0.15	1.02			-0.14	-0.75	-0.24	-1.16	-0.09	-0.69	-0.13	-0.67	-0.08	-0.47	<b>-0.28</b>	<b>-1.65</b>	<b>-0.22</b>	<b>-1.67</b>
Father hostile	-0.06	-0.37	0.15	0.99	0.04	0.20	-0.04	-0.17	0.11	0.68	-0.07	-0.54	0.00	0.01	-0.13	-0.66	0.08	0.45	<b>-0.23</b>	<b>-1.66</b>
No maternal interest	0.02	0.29	0.03	0.36	0.07	0.67	0.00	0.02	0.07	0.75	-0.07	-0.97	-0.11	-1.15	0.03	0.30	<b>-0.17</b>	<b>-1.76</b>	-0.09	-1.27
Low maternal interest	-0.01	-0.29	0.07	1.27	0.06	0.95	<b>0.13</b>	<b>2.28</b>	-0.01	-0.14	-0.02	-0.46	-0.05	-0.82	0.02	0.38	0.03	0.44	-0.01	-0.27
Med maternal interest	-0.01	-0.41	<b>0.04</b>	<b>1.65</b>	-0.02	-0.85	0.02	0.81	0.03	1.43	-0.01	-0.38	-0.02	-0.85	0.00	-0.07	0.02	0.66	-0.03	-1.63
Maternal interest unknown	0.02	1.02	<b>0.04</b>	<b>1.97</b>	-0.01	-0.50	0.03	1.32	0.03	1.25	0.01	0.71	0.01	0.52	0.01	0.62	<b>0.04</b>	<b>1.86</b>	-0.02	-0.96
No paternal interest	-0.03	-0.43	-0.04	-0.53	<b>-0.14</b>	<b>-1.66</b>	-0.12	-1.49	<b>-0.16</b>	<b>-1.89</b>	0.05	0.71	0.03	0.34	0.01	0.11	0.14	1.61	0.05	0.74
Low paternal interest	-0.06	-1.06	-0.03	-0.57	-0.03	-0.53	<b>-0.15</b>	<b>-2.48</b>	-0.07	-1.09	0.03	0.62	0.07	1.13	0.06	1.00	0.01	0.20	-0.06	-1.18
Med paternal interest	-0.01	-0.46	-0.03	-1.30	0.01	0.37	-0.04	-1.57	<b>-0.06</b>	<b>-2.37</b>	0.00	-0.19	0.00	-0.09	0.00	0.10	0.01	0.39	0.03	1.18
Paternal interest unknown	-0.01	-0.49	-0.03	-1.23	-0.02	-0.80	<b>-0.05</b>	<b>-2.46</b>	<b>-0.07</b>	<b>-3.14</b>	0.00	-0.15	-0.02	-0.83	0.00	0.08	-0.02	-0.84	0.03	1.37
Maternal depression age 5	0.01	0.42	0.01	0.59	0.01	0.56	-0.02	-1.21	-0.01	-0.66	-0.01	-0.52	-0.01	-0.25	-0.01	-0.41	0.00	0.13	0.00	-0.04
Parents approve of activities	0.01	1.38	0.00	0.12	0.01	0.59	<b>0.03</b>	<b>2.44</b>	<b>0.03</b>	<b>2.23</b>	<b>0.03</b>	<b>3.15</b>	<b>0.02</b>	<b>1.86</b>	<b>0.05</b>	<b>3.72</b>	<b>0.03</b>	<b>2.76</b>	0.01	1.14
Parents approve of friends	0.01	0.82	<b>-0.03</b>	<b>-2.36</b>	-0.01	-0.43	<b>-0.02</b>	<b>-1.73</b>	-0.01	-1.10	<b>-0.03</b>	<b>-2.48</b>	-0.02	-1.62	<b>-0.04</b>	<b>-2.81</b>	0.00	0.16	-0.01	-0.51

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
 Significant results are emboldened.  
 T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
 Missing values of control vars are replaced by imputation.

### Appendix 3: Explanation of participation in contexts: Single regression on all control variables (page 2 of 3)

	Age 16 contexts																				
	Sports/ Community Centre		Youth Club		Uniformed Youth Club		Church		Other		Any lessons		School lessons		Non-school lessons		Volunteer		School activities		
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	
<b>Controls (cont'd)</b>																					
SES1/2 (%)	0.00	-1.35	0.00	0.05	0.00	1.13	<b>0.00</b>	<b>3.85</b>	0.00	1.21	0.00	1.25	<b>0.00</b>	<b>2.15</b>	0.00	-0.22	0.00	1.02	0.00	0.06	
Ethnic minority (%)	0.00	0.37	0.00	1.26	0.00	-1.18	0.00	-0.31	0.00	0.25	0.00	-1.27	0.00	-1.19	0.00	0.34	0.00	-0.10	0.00	0.55	
High academic level (%)	0.00	-0.10	0.00	-0.69	0.00	-0.10	0.00	1.38	0.00	-1.15	0.00	1.15	0.00	0.99	0.00	1.08	<b>0.00</b>	<b>-2.52</b>	0.00	0.66	
Neighbourhood is good age 16	<b>0.02</b>	<b>1.75</b>	<b>0.02</b>	<b>1.85</b>	0.01	1.18	<b>0.03</b>	<b>3.07</b>	0.00	-0.40	0.00	0.40	0.00	0.26	<b>0.02</b>	<b>1.69</b>	<b>0.05</b>	<b>4.08</b>	0.00	-0.38	
Maths test age 10	0.02	1.94	0.01	0.45	0.00	-0.35	<b>0.02</b>	<b>1.80</b>	<b>0.02</b>	<b>2.03</b>	0.01	1.37	0.02	1.17	<b>0.03</b>	<b>2.27</b>	0.02	1.23	-0.01	-0.70	
Reading test age 10	0.00	0.06	0.01	1.22	<b>0.03</b>	<b>2.27</b>	0.00	-0.20	<b>-0.03</b>	<b>-2.19</b>	-0.01	-1.01	-0.01	-0.48	<b>-0.03</b>	<b>-2.27</b>	<b>-0.03</b>	<b>-1.95</b>	0.02	1.56	
Self efficacy age 10	0.00	-0.04	0.00	0.46	-0.01	-1.27	<b>-0.02</b>	<b>-1.99</b>	0.01	0.95	0.00	-0.43	0.00	-0.08	0.00	0.12	0.01	0.62	0.00	0.19	
Locus of control age 10	0.00	-0.13	0.01	0.66	0.01	1.31	<b>0.03</b>	<b>3.19</b>	0.01	1.20	0.00	0.29	-0.01	-0.56	0.01	0.98	0.01	0.61	0.00	-0.38	
Externalising behavs age 10	-0.02	-1.63	-0.01	-0.80	0.01	0.59	<b>-0.02</b>	<b>-1.99</b>	0.00	-0.39	-0.01	-1.08	-0.01	-0.48	0.00	-0.37	0.01	0.55	0.01	1.14	
Internalising behavs age 10	0.00	0.01	0.00	0.14	-0.01	-1.23	0.00	0.38	0.01	1.17	0.01	0.85	<b>0.02</b>	<b>1.80</b>	0.00	-0.18	-0.01	-0.95	-0.01	-0.78	
Peer relations age 10	0.01	1.36	0.01	1.18	-0.01	-1.46	<b>-0.02</b>	<b>-1.92</b>	0.01	1.40	0.00	0.11	0.01	1.08	-0.01	-1.07	0.01	0.93	0.01	0.69	
Sleeping probs age 10	0.01	0.59	0.00	-0.25	-0.02	-1.08	0.00	0.30	<b>0.02</b>	<b>1.74</b>	0.00	0.00	0.01	0.42	0.00	0.16	0.02	1.25	0.01	0.67	
Soiling probs b/w 5 & 10	-0.02	-1.19	-0.02	-1.42	-0.01	-0.63	0.01	0.49	0.00	-0.08	-0.02	-1.16	<b>-0.03</b>	<b>-1.86</b>	-0.01	-0.56	-0.01	-0.39	0.02	1.47	
Eating probs age 10	<b>-0.02</b>	<b>-3.07</b>	0.00	-0.24	0.00	0.02	-0.01	-0.83	0.00	-0.52	0.00	-0.63	-0.01	-0.59	-0.01	-1.27	-0.01	-1.61	0.00	-0.25	
Vocabulary score age 5	0.00	-0.25	0.00	-0.56	<b>0.00</b>	<b>2.24</b>	0.00	1.20	0.00	-0.78	<b>0.00</b>	<b>-2.19</b>	<b>0.00</b>	<b>-2.87</b>	0.00	-0.30	0.00	0.82	0.00	-0.15	
Copying score age 5	0.00	1.62	<b>0.00</b>	<b>-1.71</b>	0.00	0.61	0.00	-0.93	0.00	0.48	0.00	-0.93	<b>0.00</b>	<b>-2.64</b>	0.00	0.22	0.00	-1.48	0.00	0.41	
Externalising behavs age 5	0.01	1.10	0.00	0.21	0.01	1.32	-0.02	-1.63	0.00	-0.17	0.01	1.01	0.00	0.20	0.01	0.90	-0.01	-1.00	-0.01	-0.85	
Internalising behavs age 5	0.01	1.09	0.00	0.28	<b>-0.03</b>	<b>-2.76</b>	0.01	1.41	-0.01	-0.74	0.00	0.44	0.00	0.16	0.00	-0.43	0.01	1.33	0.01	0.92	
Does hmwk after school	0.02	1.21	0.00	0.16	<b>0.04</b>	<b>2.29</b>	<b>0.04</b>	<b>2.51</b>	<b>0.05</b>	<b>2.86</b>	<b>0.04</b>	<b>2.61</b>	<b>0.04</b>	<b>2.21</b>	0.00	-0.07	<b>0.03</b>	<b>1.92</b>	0.03	1.81	
Reads for pleasure afterschool	0.00	0.27	-0.01	-0.96	0.02	1.52	<b>0.02</b>	<b>1.86</b>	0.02	1.08	<b>0.04</b>	<b>3.09</b>	<b>0.04</b>	<b>2.84</b>	<b>0.06</b>	<b>4.11</b>	0.02	1.30	<b>0.02</b>	<b>1.70</b>	
Helps at home	0.00	0.05	<b>0.01</b>	<b>1.71</b>	0.00	0.51	<b>0.02</b>	<b>2.26</b>	0.00	0.40	0.00	-0.38	0.01	0.58	0.01	0.99	<b>0.04</b>	<b>4.96</b>	-0.01	-1.60	
Has been to pub in last 2 wks	<b>0.03</b>	<b>2.04</b>	-0.01	-0.44	<b>0.05</b>	<b>2.84</b>	<b>-0.03</b>	<b>-2.31</b>	<b>0.05</b>	<b>3.04</b>	0.02	1.40	0.02	1.14	0.04	2.12	<b>0.03</b>	<b>2.10</b>	0.01	0.91	
Has truanted	<b>0.02</b>	<b>1.93</b>	0.02	1.63	-0.02	-1.28	0.00	-0.36	<b>0.05</b>	<b>4.02</b>	<b>0.03</b>	<b>2.48</b>	<b>0.03</b>	<b>2.12</b>	<b>0.05</b>	<b>3.52</b>	0.02	1.21	0.01	0.44	
Smokes at 16	<b>-0.05</b>	<b>-3.12</b>	<b>0.04</b>	<b>2.56</b>	0.01	0.35	-0.01	-0.41	<b>-0.06</b>	<b>-3.15</b>	0.01	0.47	0.00	0.09	-0.01	-0.73	<b>0.04</b>	<b>2.16</b>	<b>-0.03</b>	<b>-2.12</b>	
Has had alcoholic drink in last wk	<b>0.01</b>	<b>1.74</b>	0.00	0.42	0.01	1.03	<b>0.01</b>	<b>2.13</b>	<b>0.02</b>	<b>3.39</b>	0.01	1.01	0.00	0.38	0.00	0.36	0.00	0.85	<b>0.01</b>	<b>2.53</b>	

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
 Significant results are emboldened.  
 T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
 Missing values of control vars are replaced by imputation.

### Appendix 3: Explanation of participation in contexts: Single regression on all control variables (page 3 of 3)

	Age 16 contexts																			
	Sports/ Community Centre		Youth Club		Uniformed Youth Club		Church		Other		Any lessons		School lessons		Non-school lessons		Volunteer		School activities	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls (cont'd)</b>																				
CM engaged in gen. antisoc acts	<b>0.00</b>	<b>3.42</b>	0.00	1.56	0.00	0.98	0.00	0.06	0.00	0.12	0.00	-0.33	0.00	-1.30	0.00	1.26	<b>0.00</b>	<b>2.40</b>	0.00	0.61
CM engaged in criminal antisoc acts	<b>0.00</b>	<b>-2.47</b>	0.00	-1.60	0.00	-0.92	0.00	-0.12	0.00	-1.00	0.00	-0.01	0.00	-0.39	0.00	-0.66	<b>-0.01</b>	<b>-2.90</b>	<b>0.00</b>	<b>-1.84</b>
Close friends engaged in antisoc acts	-0.01	-1.03	0.00	0.27	-0.01	-1.63	0.00	-0.19	0.00	0.38	0.01	1.41	0.01	1.48	0.00	0.08	0.00	-0.09	0.01	0.90
Casual friends engaged in antisoc acts	<b>0.01</b>	<b>1.78</b>	<b>0.02</b>	<b>3.43</b>	0.01	0.83	0.00	0.54	0.00	0.22	0.00	0.26	0.01	1.06	0.00	0.72	0.01	0.98	<b>0.01</b>	<b>1.77</b>
Acquaintances engaged in antisoc acts	<b>0.01</b>	<b>2.02</b>	<b>0.02</b>	<b>4.32</b>	<b>0.01</b>	<b>2.23</b>	0.00	0.93	0.00	1.10	0.00	0.82	0.01	1.31	<b>0.01</b>	<b>2.17</b>	0.00	0.09	<b>0.01</b>	<b>1.70</b>
Locus of control age 16	<b>0.01</b>	<b>4.22</b>	0.00	-0.48	<b>0.01</b>	<b>4.70</b>	<b>0.02</b>	<b>8.07</b>	<b>0.01</b>	<b>3.72</b>	<b>0.01</b>	<b>5.42</b>	<b>0.01</b>	<b>4.50</b>	<b>0.01</b>	<b>5.09</b>	<b>0.01</b>	<b>4.30</b>	<b>0.02</b>	<b>7.49</b>
Wants to stay on age 16	0.00	0.34	-0.01	-1.00	0.01	1.41	<b>0.03</b>	<b>3.26</b>	<b>0.02</b>	<b>2.39</b>	0.00	0.48	<b>0.03</b>	<b>3.18</b>	-0.01	-0.92	0.01	0.91	<b>0.02</b>	<b>2.32</b>
Self efficacy age 16	0.00	1.49	<b>0.00</b>	<b>2.48</b>	0.00	0.28	<b>0.00</b>	<b>-2.04</b>	0.00	1.55	0.00	-0.79	0.00	1.23	0.00	-0.12	0.00	0.38	0.00	0.37
MR: Behaviour: general conduct disorder	-0.01	-1.04	0.01	0.68	-0.01	-0.63	-0.01	-1.61	-0.01	-0.82	0.01	1.20	0.01	0.90	0.01	1.57	0.01	1.25	-0.01	-1.18
MR: Behaviour: clumsy naughty	0.00	-0.11	-0.01	-1.69	0.00	-0.22	-0.01	-1.17	<b>-0.02</b>	<b>-2.47</b>	0.00	0.48	-0.01	-0.90	0.00	0.19	-0.01	-1.23	0.00	-0.69
MR: Behaviour: clumsy frustrated	0.00	0.61	<b>-0.02</b>	<b>-2.17</b>	0.00	-0.04	0.00	-0.07	0.00	0.25	0.01	0.67	-0.01	-0.89	0.00	-0.36	0.00	0.29	0.00	0.61
MR: Behaviour: internalising	-0.01	-0.72	<b>-0.03</b>	<b>-3.71</b>	<b>-0.02</b>	<b>-1.97</b>	-0.01	-0.71	0.00	-0.44	-0.01	-0.66	<b>-0.02</b>	<b>-1.88</b>	<b>-0.02</b>	<b>-1.94</b>	-0.01	-1.40	0.00	0.55
N		6417		6417		6408		6417		6417		6417		6417		6417		6417		6417
Pseudo R-sq		0.03		0.03		0.04		0.07		0.06		0.09		0.10		0.04		0.09		0.05

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
 Significant results are emboldened.  
 T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
 Missing values of control vars are replaced by imputation.



## Appendix 4: Regression of age 30 outcomes on age 16 contexts controlling up to age 10 (page 1 of 6)

	ECM outcome: Being Healthy													
	Smoker		Obesity		Depressed		Psych dist		Single,sep,div		Teen P		Single Parent	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Contexts</b>														
Sports/Community Centre	-0.02	-1.35	-0.01	-0.58	<b>-0.03</b>	<b>-2.52</b>	0.01	0.57	<b>-0.05</b>	<b>-3.15</b>	0.00	-1.00	0.00	-1.11
Youth Club	<b>0.06</b>	<b>3.83</b>	-0.01	-1.18	0.01	1.27	0.01	1.06	-0.01	-0.88	0.00	0.36	<b>0.01</b>	<b>2.67</b>
Uniformed Youth Club	0.00	-0.11	0.02	1.55	-0.01	-1.31	0.01	0.55	-0.02	-1.50	0.00	-0.65	0.00	-0.70
Church	<b>-0.02</b>	<b>-1.64</b>	0.01	1.29	0.00	-0.05	<b>0.03</b>	<b>2.35</b>	-0.01	-0.73	0.00	0.88	0.00	-0.80
Other	<b>-0.05</b>	<b>-3.24</b>	0.00	0.43	0.00	0.13	0.02	1.63	0.01	0.50	0.00	0.46	-0.01	-1.26
Any lessons	-0.01	-0.41	<b>-0.04</b>	<b>-1.86</b>	0.00	-0.21	0.00	0.21	0.03	0.94	0.00	-1.48	0.01	0.87
School lessons	-0.03	-1.50	0.00	0.31	0.00	0.11	0.01	0.72	0.02	0.85	0.00	0.00	0.00	-0.60
Non-school lessons	<b>0.04</b>	<b>2.09</b>	0.01	0.57	0.00	0.04	-0.01	-0.53	-0.01	-0.81	0.00	0.06	0.00	-0.24
Volunteer	0.01	0.64	<b>0.03</b>	<b>2.52</b>	0.00	-0.44	-0.01	-1.07	<b>-0.03</b>	<b>-1.74</b>	0.00	-0.26	0.00	0.62
School activities	<b>-0.04</b>	<b>-2.55</b>	-0.02	-1.52	-0.02	-1.51	0.00	0.29	0.00	-0.11	0.00	-1.44	<b>-0.01</b>	<b>-1.76</b>
<b>Controls</b>														
CM female	<b>-0.03</b>	<b>-1.89</b>	0.01	1.18	<b>0.05</b>	<b>4.39</b>	<b>0.05</b>	<b>3.80</b>	<b>-0.09</b>	<b>-5.32</b>			<b>0.06</b>	<b>9.43</b>
Low income	-0.03	-1.10	0.00	-0.14	0.02	1.15	0.02	1.10	-0.01	-0.29	<b>0.00</b>	<b>-2.11</b>	-0.01	-1.03
Medium income	<b>-0.04</b>	<b>-2.26</b>	-0.01	-1.02	0.00	-0.03	0.01	0.83	0.00	0.10	<b>0.00</b>	<b>-2.51</b>	0.00	-0.15
Med SES	0.01	0.77	0.02	1.32	0.00	0.15	-0.01	-0.52	-0.01	-0.68	0.00	0.24	0.00	0.18
Low SES	0.02	0.64	0.02	0.99	-0.01	-0.39	-0.02	-0.75	-0.02	-0.77	0.00	-0.41	0.00	-0.23
Low parental education	-0.01	-0.30	<b>0.05</b>	<b>2.79</b>	-0.01	-0.50	-0.03	-1.63	<b>-0.05</b>	<b>-2.02</b>	0.00	-0.70	0.00	0.55
Med parental education	0.00	0.23	0.01	0.85	-0.02	-1.05	<b>-0.03</b>	<b>-1.86</b>	-0.02	-1.18	0.00	-1.10	0.01	0.90
Birth weight	0.01	0.48	0.01	1.36	-0.02	-1.53	<b>-0.02</b>	<b>-1.75</b>	<b>-0.03</b>	<b>-2.36</b>	0.00	0.04	0.00	-0.32
No. older sibs at birth	<b>0.03</b>	<b>3.54</b>	-0.01	-1.04	<b>0.01</b>	<b>2.27</b>	0.01	1.28	0.00	0.35	<b>0.00</b>	<b>2.10</b>	<b>0.00</b>	<b>2.37</b>
No. younger sibs at 10	0.01	0.70	0.01	1.35	0.00	0.37	-0.01	-0.86	-0.01	-1.36	0.00	0.57	0.00	1.45
Mother age 14-18	<b>0.13</b>	<b>2.74</b>	<b>-0.06</b>	<b>-1.82</b>	0.04	1.07	<b>-0.07</b>	<b>-1.70</b>	<b>-0.09</b>	<b>-1.79</b>	0.00	0.09	<b>0.03</b>	<b>2.29</b>
Mother age 19-24	<b>0.06</b>	<b>1.87</b>	<b>-0.05</b>	<b>-2.16</b>	0.01	0.22	-0.03	-1.30	-0.04	-1.37	<b>0.00</b>	<b>1.65</b>	<b>0.02</b>	<b>1.99</b>
Mother age 25-34	-0.01	-0.40	-0.02	-1.02	-0.01	-0.42	<b>-0.04</b>	<b>-1.69</b>	-0.01	-0.43	0.00	1.45	0.01	1.09
Single parent	<b>0.06</b>	<b>2.73</b>	-0.01	-0.67	<b>0.03</b>	<b>1.71</b>	0.01	0.81	<b>0.05</b>	<b>2.35</b>	<b>0.00</b>	<b>1.68</b>	<b>0.02</b>	<b>3.46</b>
UK ethnicity	-0.02	-0.53	0.01	0.20	0.01	0.32	<b>-0.07</b>	<b>-2.49</b>	-0.04	-0.97	0.00	0.85	0.00	0.36
English as first language	<b>0.09</b>	<b>1.83</b>	0.04	1.21	<b>-0.06</b>	<b>-1.83</b>	-0.02	-0.56	0.00	-0.07	0.00	0.57	-0.01	-0.83
Mother hostile	-0.08	-0.36	0.02	0.14	-0.02	-0.15	0.14	0.88	0.21	1.01			0.04	1.17
Father hostile	0.28	1.19			0.16	1.11	0.07	0.35	0.14	0.60			0.05	1.15

Stats are marginal effects from probit regressions (dF/dX) and t-stats.

Significant results are emboldened.

T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.

Missing values of control vars are replaced by imputation.

## Appendix 4: Regression of age 30 outcomes on age 16 contexts controlling up to age 10 (page 2 of 6)

	ECM outcome: Being Healthy													
	Smoker		Obesity		Depressed		Psych dist		Single,sep,div		Teen P		Single Parent	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls (cont')</b>														
No maternal interest	0.03	0.33	-0.04	-0.67	-0.01	-0.20	-0.05	-0.60	-0.09	-1.04	0.00	-0.09	0.01	0.31
Low maternal interest	0.08	1.57	0.00	0.05	0.01	0.40	0.00	-0.04	<b>-0.12</b>	<b>-2.07</b>	0.00	0.02	0.02	1.41
Med maternal interest	-0.01	-0.60	0.01	0.43	-0.02	-1.26	-0.01	-0.55	-0.02	-0.96	0.00	0.57	0.00	0.49
Maternal interest unknown	0.00	-0.12	0.00	0.01	0.00	0.02	0.01	0.37	-0.02	-1.00	0.00	-0.01	0.00	0.03
No paternal interest	0.08	1.04	0.03	0.54	-0.05	-0.97	-0.10	-1.38	0.07	0.93	0.00	0.35	-0.01	-0.39
Low paternal interest	0.03	0.55	-0.01	-0.13	-0.02	-0.50	0.00	0.05	0.08	1.42	0.00	1.07	0.01	0.55
Med paternal interest	0.00	-0.06	0.02	0.90	-0.01	-0.59	-0.02	-1.00	0.00	-0.10	0.00	-0.17	-0.01	-0.85
Paternal interest unknown	0.02	1.07	0.00	-0.32	0.00	0.06	0.01	0.46	<b>0.04</b>	<b>1.81</b>	<b>0.00</b>	<b>1.74</b>	0.00	0.36
Maternal depression age 5	-0.02	-0.94	0.02	1.10	0.01	0.66	0.00	-0.08	0.00	0.08	0.00	0.43	0.00	0.37
SES1/2 (%)	<b>0.00</b>	<b>2.43</b>	0.00	-1.27	0.00	-0.26	0.00	0.19	0.00	1.01	0.00	-1.04	0.00	-0.20
Ethnic minority (%)	0.00	1.32	0.00	1.29	0.00	0.19	0.00	0.74	0.00	-0.23	0.00	-1.24	0.00	1.40
High academic level (%)	0.00	-0.86	0.00	0.67	0.00	-0.95	0.00	0.45	0.00	1.15	0.00	0.29	0.00	0.04
Neighbourhood is good age 16	<b>-0.03</b>	<b>-2.73</b>	0.00	0.54	<b>-0.02</b>	<b>-2.14</b>	-0.01	-1.31	0.00	-0.06	<b>0.00</b>	<b>-2.21</b>	0.00	-0.42
Maths test age 10	-0.01	-0.72	0.01	0.98	<b>-0.02</b>	<b>-2.82</b>	<b>-0.02</b>	<b>-2.10</b>	0.01	0.49	0.00	0.82	0.00	-0.67
Reading test age 10	-0.01	-1.10	<b>-0.01</b>	<b>-1.72</b>	0.00	0.14	0.01	1.21	0.00	-0.23	0.00	0.68	0.00	-0.92
Self efficacy age 10	<b>-0.02</b>	<b>-2.31</b>	<b>-0.01</b>	<b>-1.87</b>	<b>-0.02</b>	<b>-2.53</b>	<b>-0.03</b>	<b>-3.67</b>	-0.01	-1.00	0.00	-0.60	0.00	-0.86
Locus of control age 10	0.00	0.32	0.00	-0.28	0.00	0.24	<b>0.02</b>	<b>2.36</b>	0.00	-0.13	0.00	-0.49	0.00	0.02
Externalising behavs age 10	<b>0.04</b>	<b>3.97</b>	-0.01	-1.10	0.00	0.36	0.01	0.70	0.01	0.89	<b>0.00</b>	<b>2.42</b>	<b>0.01</b>	<b>2.48</b>
Internalising behavs age 10	<b>-0.03</b>	<b>-3.37</b>	-0.01	-1.38	0.01	1.37	0.00	-0.07	-0.01	-0.66	0.00	0.67	0.00	-0.99
Peer relations age 10	0.00	0.11	<b>-0.03</b>	<b>-4.76</b>	<b>-0.02</b>	<b>-3.66</b>	<b>-0.02</b>	<b>-3.40</b>	<b>-0.03</b>	<b>-4.12</b>	0.00	0.02	0.00	-0.85
Sleeping probs age 10	0.01	0.93	-0.01	-1.07	0.01	1.05	0.01	1.31	0.02	1.49	0.00	-0.64	0.00	0.16
Soiling probs b/w 5 & 10	<b>0.04</b>	<b>2.52</b>	<b>0.02</b>	<b>1.86</b>	0.01	0.97	<b>0.03</b>	<b>1.97</b>	0.01	0.89	0.00	-0.10	0.00	0.43
Eating probs age 10	0.01	1.16	0.00	0.03	<b>0.01</b>	<b>2.42</b>	0.01	0.94	0.00	0.13	0.00	-0.93	0.00	0.54
Vocabulary score age 5	0.00	-0.62	<b>0.00</b>	<b>1.68</b>	0.00	-1.18	0.00	0.37	0.00	-1.29	0.00	-1.63	0.00	-1.18
Copying score age 5	0.00	1.20	0.00	-1.05	0.00	-0.04	0.00	0.15	<b>0.00</b>	<b>-1.85</b>	0.00	-0.05	0.00	0.08
Externalising behavs age 5	<b>0.03</b>	<b>3.16</b>	<b>0.02</b>	<b>2.23</b>	0.01	0.75	<b>0.02</b>	<b>2.78</b>	-0.01	-1.01	0.00	-0.78	0.00	-0.11
Internalising behavs age 5	<b>-0.02</b>	<b>-1.77</b>	-0.01	-1.14	0.00	0.48	0.01	1.41	0.00	0.05	0.00	-0.81	0.00	-0.19
N		5151		5156		5119		5117		5119		3042		5160
Pseudo R-sq		0.05		0.03		0.05		0.03		0.02		0.39		0.17

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 4: Regression of age 30 outcomes on age 16 contexts controlling up to age 10 (page 3 of 6)

	ECM outcome: Staying Safe						ECM outcome: Enjoying and Achieving							
	Temp/social housing		Homeless		Crime victim		Dissatisfied		No quals		Not level 2		Not level 4	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Contexts</b>														
Sports/Community Centre	<b>-0.03</b>	<b>-3.46</b>	<b>-0.01</b>	<b>-1.87</b>	-0.01	-1.37	0.01	0.57	<b>-0.02</b>	<b>-1.89</b>	<b>-0.04</b>	<b>-2.73</b>	0.00	-0.02
Youth Club	0.01	1.59	0.01	0.95	<b>0.01</b>	<b>2.04</b>	0.01	0.63	<b>0.05</b>	<b>4.29</b>	<b>0.07</b>	<b>4.84</b>	<b>0.08</b>	<b>5.31</b>
Uniformed Youth Club	0.00	-0.46	0.01	1.08	0.00	-0.26	0.00	0.09	-0.01	-1.27	<b>-0.03</b>	<b>-2.00</b>	<b>-0.03</b>	<b>-2.68</b>
Church	-0.01	-1.41	<b>-0.01</b>	<b>-2.01</b>	-0.01	-0.75	-0.01	-0.62	<b>-0.04</b>	<b>-3.03</b>	<b>-0.06</b>	<b>-4.24</b>	<b>-0.07</b>	<b>-5.52</b>
Other	<b>-0.02</b>	<b>-2.15</b>	0.00	0.03	0.01	1.20	<b>-0.02</b>	<b>-1.77</b>	<b>-0.05</b>	<b>-3.68</b>	<b>-0.07</b>	<b>-4.83</b>	<b>-0.05</b>	<b>-3.89</b>
Any lessons	-0.03	-1.61	0.00	-0.30	0.01	1.12	-0.01	-0.66	-0.02	-1.11	<b>-0.05</b>	<b>-1.99</b>	-0.04	-1.60
School lessons	0.02	1.54	0.00	0.54	0.00	-0.43	0.01	0.72	-0.01	-0.51	0.01	0.36	0.01	0.41
Non-school lessons	0.01	1.34	0.00	0.43	0.01	0.72	0.00	0.00	0.01	0.43	0.02	1.02	0.02	1.13
Volunteer	0.01	1.20	0.01	1.01	0.01	1.05	<b>-0.02</b>	<b>-2.12</b>	0.01	1.11	0.01	0.61	0.02	1.31
School activities	<b>-0.04</b>	<b>-4.39</b>	<b>-0.01</b>	<b>-2.05</b>	0.00	-0.21	<b>-0.02</b>	<b>-1.98</b>	<b>-0.07</b>	<b>-5.17</b>	<b>-0.08</b>	<b>-5.57</b>	<b>-0.05</b>	<b>-2.95</b>
<b>Controls</b>														
CM female	<b>0.02</b>	<b>2.39</b>	<b>0.01</b>	<b>1.98</b>	<b>-0.05</b>	<b>-7.44</b>	0.00	-0.26	0.00	-0.20	-0.02	-1.25	<b>0.03</b>	<b>1.75</b>
Low income	0.01	0.53	0.00	0.44	-0.01	-0.98	-0.01	-0.74	-0.03	-1.23	-0.03	-1.01	<b>0.09</b>	<b>3.16</b>
Medium income	<b>-0.02</b>	<b>-1.92</b>	-0.01	-0.81	-0.01	-0.94	0.00	-0.22	-0.02	-1.51	-0.02	-1.27	<b>0.06</b>	<b>4.07</b>
Med SES	<b>0.02</b>	<b>2.02</b>	0.01	0.92	0.00	0.43	-0.01	-1.02	<b>0.04</b>	<b>2.86</b>	<b>0.05</b>	<b>2.90</b>	<b>0.03</b>	<b>1.80</b>
Low SES	<b>0.04</b>	<b>2.91</b>	0.00	0.24	0.00	-0.30	-0.01	-0.61	<b>0.07</b>	<b>3.10</b>	<b>0.06</b>	<b>2.26</b>	0.03	0.99
Low parental education	0.02	1.23	0.00	-0.36	0.00	0.17	0.01	0.81	<b>0.06</b>	<b>3.01</b>	<b>0.10</b>	<b>4.13</b>	<b>0.13</b>	<b>6.12</b>
Med parental education	-0.01	-0.40	0.01	0.77	0.00	0.09	0.01	0.74	<b>0.04</b>	<b>2.02</b>	<b>0.05</b>	<b>2.24</b>	<b>0.11</b>	<b>6.31</b>
Birth weight	-0.01	-1.28	0.01	0.91	0.00	-0.44	-0.01	-1.28	0.00	0.36	0.01	0.98	-0.01	-0.43
No. older sibs at birth	<b>0.01</b>	<b>3.20</b>	<b>0.01</b>	<b>2.58</b>	0.00	1.04	<b>0.01</b>	<b>2.80</b>	<b>0.02</b>	<b>2.37</b>	<b>0.02</b>	<b>2.16</b>	<b>0.02</b>	<b>2.94</b>
No. younger sibs at 10	<b>0.01</b>	<b>2.19</b>	0.00	0.97	0.00	0.24	0.00	-0.43	0.00	-0.34	0.00	-0.44	-0.01	-0.67
Mother age 14-18	0.02	0.83	0.03	1.48	0.02	0.85	0.02	0.63	<b>0.07</b>	<b>1.78</b>	0.04	0.89	<b>0.17</b>	<b>3.35</b>
Mother age 19-24	0.00	0.14	0.01	1.04	0.00	-0.07	0.00	-0.09	0.03	1.06	0.02	0.72	<b>0.13</b>	<b>4.49</b>
Mother age 25-34	-0.01	-0.55	0.00	0.27	0.00	-0.14	0.01	0.57	0.00	0.18	-0.01	-0.42	<b>0.07</b>	<b>2.60</b>
Single parent	<b>0.03</b>	<b>2.77</b>	<b>0.02</b>	<b>1.98</b>	0.01	1.41	<b>0.03</b>	<b>1.98</b>	-0.01	-0.55	0.00	0.17	<b>-0.03</b>	<b>-1.64</b>
UK ethnicity	<b>0.04</b>	<b>1.71</b>	0.01	0.87	-0.01	-0.52	-0.02	-0.84	<b>0.05</b>	<b>1.65</b>	<b>0.06</b>	<b>1.74</b>	<b>0.08</b>	<b>2.29</b>
English as first language	0.05	1.51	-0.03	-1.57	<b>0.05</b>	<b>1.76</b>	-0.01	-0.25	0.01	0.37	0.07	1.39	0.04	0.89
Mother hostile	-0.06	-0.57	0.07	1.08			-0.02	-0.14	0.07	0.41	-0.03	-0.14	-0.11	-0.51
Father hostile	-0.03	-0.28	0.06	0.92	0.07	0.95			-0.13	-0.73	-0.13	-0.66		

Stats are marginal effects from probit regressions (dF/dX) and t-stats.

Significant results are emboldened.

T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.

Missing values of control vars are replaced by imputation.

## Appendix 4: Regression of age 30 outcomes on age 16 contexts controlling up to age 10 (page 4 of 6)

	ECM outcome: Staying Safe						ECM outcome: Enjoying and Achieving							
	Temp/social housing		Homeless		Crime victim		Dissatisfied		No quals		Not level 2		Not level 4	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls (cont')</b>														
No maternal interest	0.02	0.49	-0.02	-0.72	-0.04	-0.68	-0.03	-0.48	0.02	0.25	0.13	1.62	0.05	0.33
Low maternal interest	0.01	0.21	-0.02	-0.73	<b>0.05</b>	<b>2.23</b>	-0.01	-0.34	-0.04	-1.04	0.01	0.18	0.10	1.27
Med maternal interest	0.00	0.22	0.00	0.41	0.00	0.22	<b>0.03</b>	<b>1.95</b>	0.00	0.04	0.02	1.17	<b>0.05</b>	<b>2.36</b>
Maternal interest unknown	0.00	0.03	0.00	0.48	0.01	1.33	0.01	0.67	0.01	0.71	0.03	1.41	<b>-0.05</b>	<b>-2.16</b>
No paternal interest	0.00	0.08	0.01	0.37	<b>-0.08</b>	<b>-1.84</b>	0.01	0.29	0.04	0.71	-0.05	-0.73	-0.04	-0.33
Low paternal interest	0.01	0.51	0.00	-0.09	-0.03	-1.05	0.02	0.51	0.04	0.95	0.02	0.34	0.05	0.69
Med paternal interest	-0.02	-1.03	0.00	0.01	-0.02	-1.50	-0.03	-1.55	0.00	-0.09	0.02	0.68	0.03	1.31
Paternal interest unknown	0.01	0.52	0.01	1.58	-0.01	-0.73	-0.01	-0.87	0.00	-0.14	-0.01	-0.37	<b>0.04</b>	<b>2.01</b>
Maternal depression age 5	0.02	1.57	0.00	0.59	0.01	0.84	-0.01	-1.02	-0.01	-0.62	-0.02	-1.02	0.01	0.50
SES1/2 (%)	0.00	-1.07	0.00	1.28	0.00	-0.48	0.00	-0.57	<b>0.00</b>	<b>-2.31</b>	<b>0.00</b>	<b>-2.27</b>	<b>0.00</b>	<b>-3.57</b>
Ethnic minority (%)	0.00	-0.05	0.00	-1.11	0.00	0.47	0.00	1.17	0.00	-0.32	0.00	-0.42	0.00	-1.15
High academic level (%)	0.00	0.28	<b>0.00</b>	<b>1.99</b>	0.00	-0.58	0.00	0.01	0.00	-1.45	0.00	-1.10	0.00	-1.30
Neighbourhood is good age 16	0.00	-0.52	0.00	-0.85	-0.01	-0.89	<b>-0.01</b>	<b>-1.71</b>	-0.01	-1.17	-0.01	-1.09	0.00	0.03
Maths test age 10	<b>-0.02</b>	<b>-2.45</b>	0.00	0.29	0.00	0.87	<b>-0.03</b>	<b>-3.57</b>	<b>-0.04</b>	<b>-4.11</b>	<b>-0.07</b>	<b>-6.25</b>	<b>-0.08</b>	<b>-7.16</b>
Reading test age 10	<b>-0.01</b>	<b>-1.64</b>	-0.01	-1.27	0.00	-0.60	0.00	0.52	<b>-0.05</b>	<b>-5.48</b>	<b>-0.08</b>	<b>-6.99</b>	<b>-0.08</b>	<b>-6.50</b>
Self efficacy age 10	0.00	-0.67	<b>-0.01</b>	<b>-2.22</b>	0.00	-0.89	<b>-0.02</b>	<b>-3.07</b>	0.00	0.37	0.01	0.69	0.01	0.61
Locus of control age 10	-0.01	-1.44	0.01	1.29	0.00	-0.04	<b>0.01</b>	<b>1.96</b>	<b>-0.02</b>	<b>-2.70</b>	<b>-0.03</b>	<b>-3.89</b>	<b>-0.04</b>	<b>-4.32</b>
Externalising behavs age 10	<b>0.02</b>	<b>3.09</b>	<b>0.01</b>	<b>3.08</b>	0.00	0.35	<b>0.02</b>	<b>2.39</b>	<b>0.02</b>	<b>2.91</b>	<b>0.03</b>	<b>2.85</b>	<b>0.02</b>	<b>1.81</b>
Internalising behavs age 10	<b>-0.02</b>	<b>-2.92</b>	<b>-0.01</b>	<b>-3.15</b>	0.00	0.81	-0.01	-0.91	<b>-0.02</b>	<b>-2.01</b>	<b>-0.03</b>	<b>-2.81</b>	-0.02	-1.63
Peer relations age 10	<b>-0.02</b>	<b>-4.71</b>	0.00	-1.40	-0.01	-1.39	<b>-0.02</b>	<b>-4.00</b>	0.01	1.63	0.01	1.27	0.01	0.78
Sleeping probs age 10	0.00	0.28	<b>0.01</b>	<b>1.69</b>	<b>0.01</b>	<b>1.92</b>	0.00	-0.34	0.00	0.30	0.02	1.49	-0.02	-1.63
Soiling probs b/w 5 & 10	<b>0.01</b>	<b>1.65</b>	0.01	1.58	0.00	0.05	0.00	-0.30	0.00	0.05	0.02	1.30	0.01	0.55
Eating probs age 10	0.00	-0.11	0.00	-0.15	0.00	0.70	0.00	-0.17	-0.01	-1.05	0.00	0.06	0.01	0.65
Vocabulary score age 5	0.00	-0.78	0.00	-0.01	0.00	0.08	<b>0.00</b>	<b>-1.82</b>	0.00	0.00	0.00	-0.69	0.00	0.13
Copying score age 5	<b>0.00</b>	<b>-1.92</b>	0.00	-0.84	0.00	-0.67	<b>0.00</b>	<b>-1.69</b>	<b>0.00</b>	<b>-2.03</b>	<b>0.00</b>	<b>-3.33</b>	<b>0.00</b>	<b>-2.61</b>
Externalising behavs age 5	<b>0.01</b>	<b>2.00</b>	0.00	0.04	0.00	0.99	0.01	0.93	0.01	0.74	0.02	1.63	<b>0.02</b>	<b>2.17</b>
Internalising behavs age 5	0.00	-0.30	<b>0.01</b>	<b>2.33</b>	0.00	-0.46	0.00	0.19	-0.01	-0.83	-0.01	-1.05	-0.01	-0.76
N		5122		4758		5155		5110		5154		5154		5150
Pseudo R-sq		0.16		0.07		0.06		0.05		0.13		0.19		0.24

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 4: Regression of age 30 outcomes on age 16 contexts controlling up to age 10 (page 5 of 6)

	ECM outcome: Making a positive contribution										ECM outcome: Economic well-being							
	Offender		Offender serious		Racial intol		No vote		No memberships		Low income		Benefits		Workless H'h		Workless H'h w children	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Contexts</b>																		
Sports/Community Centre	-0.01	-0.68	0.00	-0.20	0.00	0.04	0.00	-0.27	0.01	0.87	<b>-0.03</b>	<b>-2.39</b>	-0.01	-1.07	<b>-0.02</b>	<b>-2.09</b>	0.00	-0.64
Youth Club	<b>0.05</b>	<b>5.08</b>	<b>0.01</b>	<b>5.34</b>	0.01	1.50	0.02	1.35	0.00	-0.48	<b>0.02</b>	<b>1.83</b>	0.01	1.22	0.01	0.77	0.00	0.90
Uniformed Youth Club	0.01	0.87	0.00	-1.06	0.00	-0.58	<b>-0.03</b>	<b>-2.17</b>	<b>-0.03</b>	<b>-3.39</b>	<b>-0.03</b>	<b>-2.82</b>	-0.01	-1.60	-0.01	-0.79	0.00	-0.99
Church	-0.01	-0.80	0.00	-0.29	<b>-0.02</b>	<b>-2.76</b>	<b>-0.06</b>	<b>-3.76</b>	<b>-0.04</b>	<b>-4.49</b>	-0.01	-0.61	-0.01	-1.13	-0.01	-1.56	-0.01	-1.11
Other	0.00	-0.23	<b>0.00</b>	<b>-1.83</b>	<b>-0.01</b>	<b>-1.94</b>	-0.01	-0.72	<b>-0.02</b>	<b>-1.73</b>	<b>-0.02</b>	<b>-1.77</b>	<b>-0.02</b>	<b>-3.01</b>	-0.01	-0.93	0.00	-0.99
Any lessons	0.00	-0.02	0.00	-0.04	0.00	0.14	-0.04	-1.29	<b>-0.04</b>	<b>-2.21</b>	0.01	0.22	-0.01	-0.74	0.01	0.44	0.00	0.29
School lessons	<b>-0.03</b>	<b>-2.21</b>	0.00	-0.58	0.00	0.06	0.01	0.57	0.01	1.16	-0.02	-1.04	0.00	0.46	0.00	0.43	0.00	-0.23
Non-school lessons	0.00	-0.27	0.00	0.34	0.00	-0.58	0.01	0.67	0.01	1.01	-0.01	-0.44	0.01	1.14	0.00	-0.40	0.00	0.24
Volunteer	-0.01	-1.07	0.00	-0.92	0.00	-0.75	0.01	0.43	<b>-0.02</b>	<b>-1.94</b>	0.00	0.11	0.01	0.78	-0.01	-0.82	0.00	0.49
School activities	-0.01	-0.48	<b>0.00</b>	<b>-1.74</b>	-0.01	-1.18	<b>-0.03</b>	<b>-1.93</b>	-0.01	-0.76	<b>-0.04</b>	<b>-2.90</b>	<b>-0.02</b>	<b>-2.61</b>	<b>-0.01</b>	<b>-1.75</b>	-0.01	-1.59
<b>Controls</b>																		
CM female	<b>-0.18</b>	<b>-16.31</b>	<b>-0.02</b>	<b>-7.29</b>	<b>-0.03</b>	<b>-5.72</b>	-0.02	-1.42	<b>-0.02</b>	<b>-2.42</b>	<b>0.09</b>	<b>6.09</b>	<b>0.04</b>	<b>5.03</b>	<b>0.02</b>	<b>1.92</b>	<b>0.04</b>	<b>6.37</b>
Low income	0.00	0.12	<b>-0.01</b>	<b>-1.79</b>	0.01	0.88	0.03	1.12	0.01	0.59	-0.02	-0.78	0.01	1.10	0.00	-0.14	0.00	-0.57
Medium income	<b>-0.03</b>	<b>-2.41</b>	<b>-0.01</b>	<b>-2.93</b>	0.00	0.02	0.00	0.19	0.01	0.67	-0.01	-1.00	<b>-0.02</b>	<b>-1.92</b>	-0.01	-0.69	-0.01	-1.28
Med SES	-0.01	-0.56	0.00	1.31	0.00	-0.78	0.01	0.56	0.01	0.49	0.01	0.69	0.00	0.40	0.00	0.35	0.00	0.30
Low SES	0.02	1.03	0.01	1.42	-0.01	-1.03	-0.01	-0.32	0.00	-0.07	0.03	1.09	0.02	1.23	0.00	0.18	0.00	0.36
Low parental education	0.03	1.51	0.00	0.24	0.00	-0.43	-0.01	-0.26	<b>0.03</b>	<b>2.10</b>	<b>0.05</b>	<b>2.41</b>	0.00	0.35	0.00	-0.22	0.00	0.02
Med parental education	0.01	1.00	0.00	-0.71	0.01	1.16	-0.01	-0.37	<b>0.02</b>	<b>1.83</b>	0.03	1.61	0.00	0.34	0.00	-0.32	0.00	-0.38
Birth weight	-0.01	-0.60	0.00	1.59	0.00	0.25	0.02	1.25	0.01	0.60	-0.01	-0.67	-0.01	-1.15	0.00	-0.05	0.00	-0.16
No. older sibs at birth	0.01	1.12	0.00	0.26	0.00	-0.24	0.01	1.04	0.00	0.48	<b>0.02</b>	<b>2.54</b>	<b>0.01</b>	<b>2.35</b>	0.01	1.49	<b>0.00</b>	<b>1.68</b>
No. younger sibs at 10	0.01	1.25	0.00	1.56	<b>-0.01</b>	<b>-1.65</b>	-0.01	-0.73	0.00	0.19	<b>0.02</b>	<b>2.64</b>	<b>0.01</b>	<b>1.96</b>	0.00	-0.26	0.00	1.00
Mother age 14-18	0.00	-0.03	0.00	-0.15	-0.01	-0.74	0.07	1.48	<b>0.06</b>	<b>1.74</b>	0.04	0.87	-0.01	-0.40	0.00	0.00	0.02	1.55
Mother age 19-24	0.00	-0.13	0.00	-0.44	-0.01	-0.62	<b>0.06</b>	<b>1.84</b>	0.00	0.20	0.03	0.90	-0.02	-1.61	0.00	0.08	0.01	0.81
Mother age 25-34	-0.03	-1.30	0.00	-0.83	-0.01	-0.66	0.03	1.03	-0.01	-0.32	0.02	0.74	<b>-0.02</b>	<b>-1.68</b>	-0.01	-0.83	0.00	0.04
Single parent	<b>0.03</b>	<b>2.09</b>	0.00	0.93	0.00	-0.15	<b>0.04</b>	<b>1.75</b>	<b>-0.02</b>	<b>-1.75</b>	<b>0.05</b>	<b>2.54</b>	<b>0.02</b>	<b>2.68</b>	<b>0.04</b>	<b>3.72</b>	<b>0.01</b>	<b>2.24</b>
UK ethnicity	-0.03	-1.24	0.00	-0.16	<b>0.04</b>	<b>2.11</b>	-0.04	-1.05	-0.02	-0.91	<b>0.07</b>	<b>1.89</b>	0.01	0.41	-0.02	-1.00	0.01	0.60
English as first language	0.02	0.73	0.00	-0.14	-0.01	-0.70	<b>0.08</b>	<b>1.68</b>	-0.01	-0.29	0.00	0.03	0.00	0.15	0.01	0.50	-0.02	-1.19
Mother hostile	0.01	0.03					-0.03	-0.16	-0.10	-0.89			0.06	0.67	0.06	0.61	0.05	1.18
Father hostile	-0.02	-0.13					0.03	0.12										

Stats are marginal effects from probit regressions (dF/dX) and t-stats.

Significant results are emboldened.

T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.

Missing values of control vars are replaced by imputation.

## Appendix 4: Regression of age 30 outcomes on age 16 contexts controlling up to age 10 (page 6 of 6)

	ECM outcome: Making a positive contribution										ECM outcome: Economic well-being								
	Offender		Offender serious		Racial intol		No vote		No memberships		Low income		Benefits		Workless H'h		Workless H'h w children		
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	
<b>Controls (cont')</b>																			
No maternal interest	-0.05	-0.90	0.00	0.23	0.03	1.39	0.04	0.40	0.07	0.91	0.01	0.07	-0.03	-0.81	-0.03	-0.77	0.00	0.03	
Low maternal interest	0.04	1.01	0.00	0.81	0.01	0.80	0.04	0.67	-0.03	-0.92	0.04	0.88	<b>-0.04</b>	<b>-1.86</b>	-0.02	-0.72	0.00	0.14	
Med maternal interest	0.02	0.97	0.00	-0.31	0.00	0.51	-0.02	-0.94	-0.01	-0.74	0.01	0.70	0.01	0.68	-0.01	-0.62	0.01	0.95	
Maternal interest unknown	-0.01	-0.42	0.00	-1.27	0.00	0.18	<b>-0.04</b>	<b>-1.93</b>	<b>-0.03</b>	<b>-2.18</b>	<b>-0.04</b>	<b>-2.17</b>	0.01	1.23	0.01	1.11	0.00	0.52	
No paternal interest	<b>0.10</b>	<b>2.21</b>	0.00	-0.54	0.00	0.03	-0.01	-0.15	-0.03	-0.57	-0.01	-0.10	0.03	0.86	0.03	0.78	-0.02	-0.81	
Low paternal interest	0.01	0.30	0.01	1.22	<b>-0.06</b>	<b>-2.02</b>	0.02	0.39	0.03	0.71	-0.02	-0.43	<b>0.05</b>	<b>2.08</b>	0.02	0.61	0.01	0.89	
Med paternal interest	0.00	0.13	0.00	0.28	0.00	0.12	0.02	0.90	0.01	0.76	0.00	0.04	-0.01	-0.93	-0.02	-1.62	-0.01	-1.27	
Paternal interest unknown	0.02	1.40	<b>0.01</b>	<b>1.96</b>	-0.01	-0.83	0.02	0.77	0.01	0.93	0.01	0.37	0.00	-0.34	0.00	-0.18	0.00	0.00	
Maternal depression age 5	0.01	0.44	<b>0.00</b>	<b>1.79</b>	-0.01	-0.79	0.03	1.56	0.01	0.53	0.00	0.23	0.01	1.34	0.01	1.17	0.01	1.37	
SES1/2 (%)	0.00	-1.48	0.00	-0.80	0.00	-0.61	0.00	-0.26	0.00	1.06	0.00	0.14	0.00	-0.76	0.00	0.08	0.00	-0.13	
Ethnic minority (%)	0.00	0.04	0.00	-0.30	0.00	-0.64	0.00	-1.22	0.00	1.57	0.00	0.98	0.00	0.79	0.00	0.36	0.00	1.29	
High academic level (%)	0.00	-1.38	0.00	-0.86	0.00	-0.13	0.00	-0.75	0.00	-0.38	<b>0.00</b>	<b>-3.12</b>	0.00	0.18	0.00	0.24	0.00	-0.61	
Neighbourhood is good age 16	-0.01	-0.94	<b>-0.01</b>	<b>-2.88</b>	0.00	-1.02	<b>-0.04</b>	<b>-3.19</b>	0.00	-0.20	0.01	0.82	0.00	0.40	0.00	-0.12	0.00	0.04	
Maths test age 10	-0.01	-0.67	0.00	0.71	<b>-0.01</b>	<b>-2.06</b>	-0.01	-0.78	<b>-0.01</b>	<b>-1.79</b>	<b>-0.03</b>	<b>-2.90</b>	-0.01	-1.48	<b>-0.01</b>	<b>-2.19</b>	0.00	-1.18	
Reading test age 10	0.00	-0.20	0.00	-0.68	0.00	-1.01	<b>-0.03</b>	<b>-2.64</b>	0.00	-0.49	<b>-0.02</b>	<b>-2.39</b>	0.00	-0.30	0.00	-0.64	-0.01	-1.56	
Self efficacy age 10	-0.01	-0.96	0.00	-0.51	0.00	-0.11	<b>-0.02</b>	<b>-2.05</b>	0.00	0.33	0.00	-0.53	0.00	-0.78	0.00	0.09	0.00	-1.37	
Locus of control age 10	0.01	1.10	0.00	-1.54	0.00	1.56	0.00	0.41	0.00	0.10	<b>-0.02</b>	<b>-2.05</b>	0.00	-0.05	0.00	0.68	0.00	0.26	
Externalising behavs age 10	<b>0.03</b>	<b>4.78</b>	<b>0.00</b>	<b>3.42</b>	0.00	-0.07	<b>0.03</b>	<b>2.45</b>	<b>0.01</b>	<b>1.97</b>	-0.01	-0.54	<b>0.02</b>	<b>3.63</b>	<b>0.01</b>	<b>2.89</b>	<b>0.01</b>	<b>3.37</b>	
Internalising behavs age 10	<b>-0.03</b>	<b>-4.49</b>	<b>-0.01</b>	<b>-4.42</b>	0.00	-0.23	<b>-0.02</b>	<b>-2.08</b>	<b>-0.01</b>	<b>-1.93</b>	-0.01	-1.09	<b>-0.02</b>	<b>-3.42</b>	<b>-0.01</b>	<b>-2.41</b>	<b>-0.01</b>	<b>-2.29</b>	
Peer relations age 10	0.00	0.26	0.00	-0.26	0.00	-0.24	<b>0.02</b>	<b>2.24</b>	<b>0.02</b>	<b>3.82</b>	0.00	-0.51	<b>-0.01</b>	<b>-2.76</b>	<b>-0.01</b>	<b>-2.08</b>	0.00	-0.38	
Sleeping probs age 10	0.00	0.01	0.00	0.75	0.00	0.45	0.00	-0.31	0.00	0.12	0.01	1.15	0.00	0.43	0.00	0.47	0.00	0.54	
Soiling probs b/w 5 & 10	<b>0.02</b>	<b>1.77</b>	0.00	1.49	<b>-0.01</b>	<b>-1.64</b>	0.01	0.35	-0.01	-0.62	<b>0.02</b>	<b>1.76</b>	<b>0.02</b>	<b>3.20</b>	<b>0.02</b>	<b>2.95</b>	<b>0.01</b>	<b>1.68</b>	
Eating probs age 10	0.00	-0.12	0.00	0.25	0.00	0.55	0.00	-0.31	0.00	-0.83	0.01	1.61	0.00	1.27	<b>0.01</b>	<b>2.06</b>	0.00	1.48	
Vocabulary score age 5	0.00	0.88	0.00	-0.01	<b>0.00</b>	<b>-2.75</b>	<b>0.00</b>	<b>-1.95</b>	0.00	-0.90	0.00	-0.54	<b>0.00</b>	<b>-2.29</b>	0.00	-1.24	0.00	-1.09	
Copying score age 5	0.00	0.45	0.00	-1.04	0.00	0.52	<b>0.00</b>	<b>2.36</b>	0.00	-1.28	<b>0.00</b>	<b>-2.88</b>	<b>0.00</b>	<b>-2.26</b>	0.00	-1.48	0.00	-0.38	
Externalising behavs age 5	<b>0.02</b>	<b>2.25</b>	0.00	0.60	0.00	-0.84	0.01	1.17	0.01	1.51	0.01	1.09	0.00	-0.11	0.00	-0.48	0.00	-0.71	
Internalising behavs age 5	0.00	-0.74	0.00	-0.54	0.00	0.80	0.01	0.87	0.00	0.75	-0.01	-0.60	0.00	0.90	0.00	0.44	0.00	-0.77	
N		5116		5107		5109		5142		5156		3854		5150		5155		5155	
Pseudo R-sq		0.16		0.23		0.08		0.03		0.05		0.11		0.13		0.07		0.12	

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 5: Regression of age 30 outcomes on age 16 contexts and all control variables (page 1 of 9)

	ECM outcome: Being Healthy													
	Smoker		Obesity		Depressed		Psych dist		Single,sep,div		Teen P		Single Parent	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Age 16 Contexts</b>														
Sports/Community Centre	-0.01	-0.57	-0.01	-0.60	<b>-0.02</b>	<b>-2.25</b>	0.01	0.87	<b>-0.05</b>	<b>-2.90</b>			0.00	-0.78
Youth Club	0.00	0.30	-0.01	-1.12	0.00	0.25	0.01	0.51	-0.01	-0.96			<b>0.01</b>	<b>1.73</b>
Uniformed Youth Club	0.00	-0.11	0.01	1.48	-0.01	-1.06	0.01	0.73	-0.02	-1.43			0.00	-0.30
Church	0.02	1.32	0.01	1.26	0.01	0.72	<b>0.03</b>	<b>2.63</b>	-0.01	-0.93			0.00	-0.07
Other	<b>-0.03</b>	<b>-2.23</b>	0.01	0.52	0.01	0.98	<b>0.03</b>	<b>2.03</b>	0.01	0.82			0.00	-0.97
Any lessons	-0.01	-0.34	<b>-0.04</b>	<b>-1.88</b>	-0.01	-0.35	0.00	0.04	0.02	0.84			0.01	0.98
School lessons	-0.01	-0.74	0.00	0.34	0.01	0.81	0.02	1.12	0.02	0.79			0.00	-0.33
Non-school lessons	<b>0.04</b>	<b>1.98</b>	0.01	0.48	0.00	-0.10	-0.01	-0.63	-0.01	-0.78			0.00	-0.30
Volunteer	0.00	0.12	<b>0.03</b>	<b>2.52</b>	0.00	-0.16	-0.01	-0.89	-0.02	-1.45			0.00	0.48
School activities	-0.01	-0.57	-0.02	-1.42	-0.01	-0.64	0.01	0.67	0.00	-0.05			0.00	-1.01
<b>Controls</b>														
CM female	<b>-0.05</b>	<b>-2.73</b>	0.01	1.16	<b>0.05</b>	<b>3.96</b>	<b>0.05</b>	<b>3.51</b>	<b>-0.08</b>	<b>-4.70</b>			<b>0.05</b>	<b>8.90</b>
Low income	-0.03	-0.98	0.00	0.02	0.02	1.11	0.03	1.26	0.00	-0.11			0.00	-0.72
Medium income	<b>-0.04</b>	<b>-2.13</b>	-0.01	-0.97	0.00	0.04	0.01	0.99	0.00	0.18			0.00	0.10
Med SES	0.00	0.19	0.02	1.39	0.00	0.37	0.00	-0.25	-0.01	-0.48			0.00	0.19
Low SES	0.02	0.54	0.02	1.19	0.00	0.06	-0.01	-0.43	-0.02	-0.54			0.00	0.11
Low parental education	-0.01	-0.28	<b>0.05</b>	<b>2.68</b>	-0.02	-1.06	<b>-0.04</b>	<b>-1.83</b>	<b>-0.05</b>	<b>-2.04</b>			0.00	0.11
Med parental education	0.01	0.67	0.01	0.79	-0.02	-1.39	<b>-0.03</b>	<b>-1.93</b>	-0.02	-1.19			0.00	0.65
Birth weight	0.00	0.08	0.01	1.39	-0.02	-1.52	<b>-0.02</b>	<b>-1.66</b>	<b>-0.03</b>	<b>-2.00</b>			0.00	-0.35
No. older sibs at birth	0.01	1.15	-0.01	-0.95	0.01	1.52	0.01	0.81	0.00	0.47			<b>0.00</b>	<b>1.74</b>
No. younger sibs at 10	0.01	0.67	0.01	1.52	0.00	-0.02	-0.01	-1.17	-0.02	-1.53			0.00	1.20
Mother age 14-18	0.06	1.34	<b>-0.06</b>	<b>-1.75</b>	0.03	0.76	<b>-0.08</b>	<b>-1.85</b>	-0.08	-1.55			<b>0.02</b>	<b>1.96</b>
Mother age 19-24	0.02	0.59	<b>-0.05</b>	<b>-2.11</b>	-0.01	-0.23	-0.04	-1.47	-0.04	-1.13			0.01	1.52
Mother age 25-34	-0.02	-0.79	-0.02	-1.03	-0.02	-0.84	<b>-0.04</b>	<b>-1.84</b>	-0.01	-0.28			0.01	0.74
Single parent	<b>0.04</b>	<b>1.89</b>	-0.01	-0.71	0.02	1.12	0.01	0.43	<b>0.05</b>	<b>2.24</b>			<b>0.01</b>	<b>2.86</b>
UK ethnicity	-0.04	-1.09	0.00	0.13	0.01	0.33	<b>-0.07</b>	<b>-2.23</b>	-0.03	-0.79			0.00	0.50
English as first language	0.07	1.50	0.04	1.26	-0.04	-1.39	-0.01	-0.34	0.01	0.11			-0.01	-0.55
Mother hostile	0.00	0.02	0.03	0.21	0.02	0.16	0.18	1.12	0.21	1.02			0.04	1.38
Father hostile	0.34	1.35			0.07	0.51	0.02	0.12	0.11	0.48			0.04	1.05

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 5: Regression of age 30 outcomes on age 16 contexts and all control variables (page 2 of 9)

	ECM outcome: Being Healthy													
	Smoker		Obesity		Depressed		Psych dist		Single,sep,div		Teen P		Single Parent	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls (cont'd)</b>														
No maternal interest	0.05	0.57	-0.04	-0.68	0.00	0.08	-0.04	-0.55	-0.09	-0.96			0.01	0.33
Low maternal interest	0.08	1.50	0.00	-0.03	0.00	0.08	-0.01	-0.28	<b>-0.14</b>	<b>-2.36</b>			0.01	1.03
Med maternal interest	-0.03	-1.32	0.01	0.42	-0.03	-1.58	-0.01	-0.64	-0.02	-0.88			0.00	0.09
Maternal interest unknown	0.00	0.08	0.00	0.01	0.00	-0.05	0.00	0.24	-0.03	-1.26			0.00	0.05
No paternal interest	0.03	0.39	0.03	0.61	-0.07	-1.30	-0.11	-1.58	0.07	0.87			-0.01	-0.58
Low paternal interest	0.01	0.20	-0.01	-0.14	-0.02	-0.50	0.01	0.16	0.09	1.53			0.01	0.57
Med paternal interest	-0.01	-0.54	0.02	0.88	-0.01	-0.77	-0.02	-1.04	0.00	0.01			-0.01	-0.93
Paternal interest unknown	0.00	-0.17	0.00	-0.24	0.00	-0.15	0.01	0.43	<b>0.05</b>	<b>2.21</b>			0.00	0.26
Maternal depression age 5	-0.01	-0.59	0.02	1.14	0.01	0.52	0.00	-0.21	0.00	-0.16			0.00	0.37
Parents approve of activities	0.00	-0.07	0.00	0.14	<b>-0.03</b>	<b>-3.03</b>	-0.01	-1.34	0.01	1.06			0.00	-0.99
Parents approve of friends	-0.01	-0.89	0.00	-0.25	-0.01	-1.30	-0.01	-1.25	<b>-0.04</b>	<b>-2.86</b>			0.00	-0.36
SES1/2 (%)	0.00	1.02	0.00	-1.28	0.00	-0.35	0.00	0.11	0.00	1.16			0.00	-0.30
Ethnic minority (%)	0.00	1.12	0.00	1.20	0.00	0.28	0.00	0.88	0.00	-0.28			0.00	1.39
High academic level (%)	0.00	-0.45	0.00	0.75	0.00	-0.82	0.00	0.47	0.00	0.83			0.00	0.21
Neighbourhood is good age 16	<b>-0.03</b>	<b>-2.19</b>	0.00	0.56	-0.01	-1.18	-0.01	-0.71	0.00	0.20			0.00	0.01
Maths test age 10	-0.01	-0.59	0.01	1.12	<b>-0.02</b>	<b>-2.38</b>	<b>-0.02</b>	<b>-1.96</b>	0.01	0.52			0.00	-0.33
Reading test age 10	0.00	0.29	-0.01	-1.56	0.01	0.82	0.01	0.96	-0.01	-0.40			0.00	-0.27
Self efficacy age 10	-0.01	-0.91	<b>-0.01</b>	<b>-1.76</b>	-0.01	-1.30	<b>-0.02</b>	<b>-2.92</b>	0.00	-0.55			0.00	-0.07
Locus of control age 10	0.00	-0.40	0.00	-0.09	0.01	0.83	<b>0.02</b>	<b>2.89</b>	0.00	0.05			0.00	-0.16

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.



## Appendix 5: Regression of age 30 outcomes on age 16 contexts and all control variables (page 3 of 9)

	ECM outcome: Being Healthy													
	Smoker		Obesity		Depressed		Psych dist		Single,sep,div		Teen P		Single Parent	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls (cont'd)</b>														
Externalising behavs age 10	0.01	1.16	-0.01	-1.44	-0.01	-0.74	0.00	-0.06	0.01	0.64			<b>0.00</b>	<b>1.84</b>
Internalising behavs age 10	-0.01	-0.79	-0.01	-1.19	0.01	1.51	0.00	-0.08	-0.01	-0.51			0.00	-0.53
Peer relations age 10	-0.01	-0.81	<b>-0.03</b>	<b>-4.51</b>	<b>-0.02</b>	<b>-3.00</b>	<b>-0.02</b>	<b>-2.65</b>	<b>-0.03</b>	<b>-3.44</b>			0.00	-0.45
Sleeping probs age 10	0.00	0.25	-0.01	-1.13	0.01	0.85	0.01	1.07	0.02	1.40			0.00	0.12
Soiling probs b/w 5 & 10	0.03	1.98	<b>0.02</b>	<b>1.85</b>	0.00	0.15	0.02	1.44	0.01	0.63			0.00	0.29
Eating probs age 10	0.01	0.75	0.00	0.07	<b>0.01</b>	<b>2.24</b>	0.01	0.73	0.00	0.37			0.00	0.46
Vocabulary score age 5	0.00	-1.40	<b>0.00</b>	<b>1.70</b>	0.00	-1.05	0.00	0.44	0.00	-1.05			0.00	-1.14
Copying score age 5	0.00	1.35	0.00	-1.01	0.00	-0.04	0.00	0.26	0.00	-1.53			0.00	0.09
Externalising behavs age 5	0.01	1.23	<b>0.01</b>	<b>1.97</b>	0.00	-0.16	<b>0.02</b>	<b>2.20</b>	-0.01	-1.17			0.00	-0.65
Internalising behavs age 5	-0.01	-0.90	-0.01	-1.20	0.00	0.48	0.01	1.22	0.00	0.05			0.00	0.21
Does hmwk after school	-0.01	-0.73	0.00	-0.08	-0.02	-1.47	0.01	0.49	0.02	1.21			0.00	-1.15
Reads for pleasure afterschool	-0.01	-0.51	0.01	0.93	0.00	0.14	<b>0.03</b>	<b>2.62</b>	0.00	0.10			0.00	0.32
Helps at home	0.01	1.38	0.00	0.41	<b>0.02</b>	<b>2.22</b>	0.00	0.27	0.01	1.03			<b>0.01</b>	<b>3.71</b>
Has been to pub in last 2 wks	0.01	0.29	0.01	0.83	-0.01	-0.74	<b>-0.04</b>	<b>-2.47</b>	-0.03	-1.58			-0.01	-1.33
Has truanted	<b>0.04</b>	<b>2.68</b>	-0.01	-1.11	-0.01	-0.61	-0.01	-0.59	-0.01	-0.84			0.00	0.78
Smokes at 16	<b>0.38</b>	<b>19.63</b>	-0.02	-1.36	0.01	1.04	0.00	-0.29	-0.02	-1.13			0.01	1.27
Has had alcoholic drink in last wk	-0.01	-0.93	0.00	0.40	0.00	-0.53	0.00	0.51	<b>-0.02</b>	<b>-2.37</b>			0.00	0.03
CM engaged in gen. antisoc acts	<b>0.00</b>	<b>2.49</b>	0.00	0.26	0.00	0.66	<b>0.00</b>	<b>1.85</b>	0.00	-0.24			0.00	1.13
CM engaged in criminal antisoc acts	0.00	0.76	0.00	-0.36	0.00	1.02	0.00	-0.91	0.00	-0.79			0.00	-0.59
Close friends engaged in antisoc acts	0.00	-0.58	0.00	0.19	-0.01	-1.21	0.00	-0.03	0.01	0.75			0.00	-0.64
Casual friends engaged in antisoc acts	0.00	0.33	0.00	-0.94	0.00	0.08	0.00	-0.15	0.01	1.33			0.00	1.54
Acquaintances engaged in antisoc acts	0.00	-0.55	0.00	-0.68	<b>0.01</b>	<b>1.70</b>	0.00	-0.45	0.00	0.07			<b>0.00</b>	<b>-1.95</b>
Locus of control age 16	<b>-0.01</b>	<b>-3.26</b>	0.00	-0.63	<b>-0.01</b>	<b>-2.72</b>	<b>-0.01</b>	<b>-2.40</b>	<b>-0.01</b>	<b>-2.07</b>			<b>0.00</b>	<b>-2.38</b>
Wants to stay on age 16	-0.01	-0.66	0.00	-0.05	0.00	-0.49	0.01	0.88	<b>0.02</b>	<b>1.97</b>			0.00	-0.63
Self efficacy age 16	0.00	1.13	0.00	-1.21	<b>-0.01</b>	<b>-7.41</b>	<b>-0.01</b>	<b>-4.94</b>	<b>-0.01</b>	<b>-2.79</b>			<b>0.00</b>	<b>-2.29</b>
MR: Behaviour: general conduct disorder	0.00	0.28	0.00	0.06	<b>0.02</b>	<b>2.49</b>	<b>0.02</b>	<b>2.55</b>	-0.01	-1.04			0.00	-0.87
MR: Behaviour: clumsy naughty	-0.01	-1.42	0.00	0.59	0.01	1.24	0.00	-0.14	0.01	1.51			0.00	0.32
MR: Behaviour: clumsy frustrated	0.00	0.09	0.00	-0.24	0.01	1.28	0.00	0.00	-0.02	-1.54			<b>0.00</b>	<b>-1.68</b>
MR: Behaviour: internalising	<b>-0.04</b>	<b>-4.03</b>	<b>-0.01</b>	<b>-2.17</b>	0.00	-0.37	0.00	-0.39	-0.01	-1.47			0.00	-1.46
N		5151		5156		5119		5117		5119				5160
Pseudo R-sq		0.17		0.04		0.09		0.05		0.03				0.20

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.

T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.

Missing values of control vars are replaced by imputation.

## Appendix 5: Regression of age 30 outcomes on age 16 contexts and all control variables (page 4 of 9)

	ECM outcome: Staying Safe						ECM outcome: Enjoying and Achieving							
	Temp/social housing		Homeless		Crime victim		Dissatisfied		No quals		Not level 2		Not level 4	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Age 16 Contexts</b>														
Sports/Community Centre	<b>-0.02</b>	<b>-3.05</b>	-0.01	-1.57	-0.01	-1.19	0.01	0.90	-0.02	-1.63	<b>-0.04</b>	<b>-2.51</b>	0.01	0.48
Youth Club	0.00	0.46	0.00	-0.43	0.01	0.89	0.00	-0.38	<b>0.04</b>	<b>3.05</b>	<b>0.05</b>	<b>3.23</b>	<b>0.04</b>	<b>3.28</b>
Uniformed Youth Club	0.00	-0.23	0.01	1.45	0.00	-0.38	0.00	0.51	-0.01	-0.83	-0.02	-1.48	<b>-0.03</b>	<b>-2.13</b>
Church	0.00	-0.35	-0.01	-0.99	0.00	-0.26	0.00	0.19	-0.01	-1.14	<b>-0.03</b>	<b>-2.03</b>	<b>-0.03</b>	<b>-2.71</b>
Other	-0.01	-1.38	0.00	0.63	0.01	1.61	-0.01	-0.98	<b>-0.03</b>	<b>-2.70</b>	<b>-0.05</b>	<b>-3.65</b>	<b>-0.03</b>	<b>-2.50</b>
Any lessons	-0.02	-1.33	0.00	-0.31	0.02	1.31	-0.01	-0.60	-0.02	-0.94	<b>-0.05</b>	<b>-1.82</b>	-0.03	-1.44
School lessons	<b>0.02</b>	<b>1.68</b>	0.01	1.04	0.00	-0.50	0.01	1.03	0.00	0.11	0.02	1.13	<b>0.03</b>	<b>1.76</b>
Non-school lessons	0.01	1.03	0.00	0.26	0.00	0.21	0.00	-0.29	0.00	0.23	0.01	0.77	0.01	0.37
Volunteer	0.01	1.32	0.01	1.30	0.01	0.86	<b>-0.02</b>	<b>-1.65</b>	0.02	1.49	0.01	1.06	<b>0.02</b>	<b>1.81</b>
School activities	<b>-0.02</b>	<b>-3.10</b>	-0.01	-1.11	0.00	0.12	-0.01	-0.96	<b>-0.04</b>	<b>-3.35</b>	<b>-0.05</b>	<b>-3.45</b>	-0.02	-1.32
<b>Controls</b>														
CM female	0.01	1.58	<b>0.02</b>	<b>2.38</b>	<b>-0.05</b>	<b>-6.95</b>	0.00	-0.32	-0.01	-0.53	-0.02	-1.25	0.01	0.95
Low income	0.01	0.61	0.01	0.65	-0.01	-0.95	-0.01	-0.65	-0.03	-1.40	-0.03	-1.31	<b>0.06</b>	<b>2.41</b>
Medium income	<b>-0.02</b>	<b>-1.66</b>	0.00	-0.77	0.00	-0.64	0.00	-0.14	<b>-0.02</b>	<b>-1.76</b>	<b>-0.03</b>	<b>-1.78</b>	<b>0.04</b>	<b>2.99</b>
Med SES	<b>0.02</b>	<b>1.97</b>	0.01	0.98	0.00	0.35	-0.01	-0.93	<b>0.03</b>	<b>2.28</b>	<b>0.04</b>	<b>2.17</b>	0.02	1.03
Low SES	<b>0.05</b>	<b>3.25</b>	0.01	0.53	0.00	-0.27	0.00	-0.25	<b>0.06</b>	<b>2.98</b>	<b>0.05</b>	<b>2.13</b>	0.02	0.82
Low parental education	0.01	0.51	-0.01	-0.53	0.00	0.29	0.01	0.48	<b>0.05</b>	<b>2.24</b>	<b>0.08</b>	<b>3.27</b>	<b>0.11</b>	<b>5.04</b>
Med parental education	-0.01	-0.66	0.01	0.72	0.00	0.30	0.01	0.59	0.03	1.57	<b>0.04</b>	<b>1.72</b>	<b>0.09</b>	<b>5.61</b>
Birth weight	-0.01	-1.15	0.01	0.94	0.00	-0.37	-0.01	-1.36	0.00	-0.13	0.01	0.56	-0.02	-1.24
No. older sibs at birth	<b>0.01</b>	<b>2.10</b>	<b>0.01</b>	<b>1.84</b>	0.00	0.29	<b>0.01</b>	<b>2.31</b>	0.01	1.15	0.01	0.68	0.01	1.22
No. younger sibs at 10	<b>0.01</b>	<b>1.81</b>	0.00	0.93	0.00	0.08	0.00	-0.62	0.00	-0.26	0.00	-0.07	0.00	-0.27
Mother age 14-18	0.00	0.20	0.02	1.07	0.01	0.57	0.02	0.51	0.05	1.24	0.00	0.05	<b>0.12</b>	<b>2.52</b>
Mother age 19-24	-0.01	-0.45	0.01	0.73	0.00	-0.33	0.00	-0.10	0.01	0.37	-0.01	-0.27	<b>0.09</b>	<b>3.26</b>
Mother age 25-34	-0.01	-0.85	0.00	-0.01	0.00	-0.27	0.01	0.57	-0.01	-0.40	-0.04	-1.26	0.04	1.62
Single parent	<b>0.02</b>	<b>1.94</b>	0.01	1.19	0.01	0.90	0.02	1.49	-0.01	-0.87	0.00	-0.20	<b>-0.04</b>	<b>-1.86</b>
UK ethnicity	0.03	1.55	0.01	1.00	-0.01	-0.56	-0.03	-1.02	0.03	1.02	0.03	0.88	0.04	1.31
English as first language	<b>0.05</b>	<b>1.89</b>	-0.03	-1.59	<b>0.04</b>	<b>1.76</b>	0.00	-0.07	0.01	0.23	0.05	1.11	0.03	0.65
Mother hostile	-0.06	-0.53	0.07	1.27			0.01	0.04	0.13	0.81	0.06	0.27	0.02	0.07
Father hostile	-0.05	-0.50	0.03	0.55	0.05	0.74			-0.13	-0.68	-0.11	-0.52		

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 5: Regression of age 30 outcomes on age 16 contexts and all control variables (page 5 of 9)

	ECM outcome: Staying Safe						ECM outcome: Enjoying and Achieving							
	Temp/social housing		Homeless		Crime victim		Dissatisfied		No quals		Not level 2		Not level 4	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls (cont'd)</b>														
No maternal interest	0.03	0.79	-0.01	-0.27	-0.04	-0.72	-0.02	-0.27	0.03	0.40	<b>0.15</b>	<b>1.87</b>	0.06	0.47
Low maternal interest	0.00	-0.18	-0.02	-0.96	<b>0.04</b>	<b>1.99</b>	-0.03	-0.71	-0.05	-1.12	0.01	0.12	0.10	1.31
Med maternal interest	-0.01	-0.47	0.00	0.18	0.00	-0.05	0.02	1.54	-0.01	-0.67	0.01	0.26	<b>0.04</b>	<b>1.67</b>
Maternal interest unknown	0.00	-0.08	0.00	0.47	0.01	1.39	0.01	0.37	0.01	0.82	0.03	1.49	<b>-0.04</b>	<b>-2.17</b>
No paternal interest	-0.01	-0.38	0.00	-0.13	<b>-0.09</b>	<b>-2.02</b>	0.01	0.15	0.02	0.39	-0.07	-1.08	-0.08	-0.80
Low paternal interest	0.01	0.50	0.00	0.09	-0.02	-1.05	0.02	0.59	0.03	0.80	0.01	0.17	0.03	0.46
Med paternal interest	-0.02	-1.14	0.00	-0.02	<b>-0.02</b>	<b>-1.72</b>	-0.03	-1.44	-0.01	-0.42	0.01	0.37	0.02	0.75
Paternal interest unknown	0.00	0.30	0.01	1.42	-0.01	-1.07	-0.01	-0.68	-0.02	-0.85	-0.02	-1.11	0.03	1.35
Maternal depression age 5	0.01	1.41	0.00	0.70	0.01	0.93	-0.02	-1.23	-0.01	-0.47	-0.01	-0.73	0.02	0.92
Parents approve of activities	<b>-0.02</b>	<b>-3.49</b>	-0.01	-1.51	0.00	0.25	-0.01	-1.10	<b>-0.02</b>	<b>-2.41</b>	<b>-0.03</b>	<b>-2.41</b>	0.01	1.00
Parents approve of friends	0.00	-0.66	-0.01	-1.23	-0.01	-1.63	-0.01	-1.35	0.01	0.82	0.02	1.45	0.00	0.09
SES1/2 (%)	0.00	-1.55	0.00	1.06	0.00	-0.48	0.00	-0.67	<b>0.00</b>	<b>-2.82</b>	<b>0.00</b>	<b>-2.96</b>	<b>0.00</b>	<b>-4.43</b>
Ethnic minority (%)	0.00	-0.28	0.00	-1.12	0.00	0.47	0.00	1.11	0.00	-0.64	0.00	-0.82	<b>0.00</b>	<b>-1.97</b>
High academic level (%)	0.00	0.57	<b>0.00</b>	<b>1.99</b>	0.00	-0.75	0.00	-0.01	0.00	-0.89	0.00	-0.39	0.00	-0.75
Neighbourhood is good age 16	0.00	0.44	0.00	-0.10	0.00	-0.38	-0.01	-1.10	-0.01	-0.54	0.00	-0.35	0.00	0.40
Maths test age 10	<b>-0.01</b>	<b>-1.83</b>	0.00	0.31	0.00	0.82	<b>-0.03</b>	<b>-3.10</b>	<b>-0.03</b>	<b>-3.25</b>	<b>-0.06</b>	<b>-5.13</b>	<b>-0.06</b>	<b>-5.76</b>
Reading test age 10	0.00	-0.75	0.00	-0.69	0.00	-0.38	0.01	1.07	<b>-0.04</b>	<b>-3.66</b>	<b>-0.05</b>	<b>-4.68</b>	<b>-0.04</b>	<b>-3.68</b>
Self efficacy age 10	0.00	0.60	0.00	-1.12	0.00	-0.26	<b>-0.01</b>	<b>-2.28</b>	0.01	1.04	0.01	1.60	0.01	1.57
Locus of control age 10	-0.01	-1.32	0.00	1.24	0.00	-0.15	<b>0.01</b>	<b>2.32</b>	<b>-0.02</b>	<b>-2.10</b>	<b>-0.03</b>	<b>-3.22</b>	<b>-0.03</b>	<b>-3.85</b>

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 5: Regression of age 30 outcomes on age 16 contexts and all control variables (page 6 of 9)

	ECM outcome: Staying Safe						ECM outcome: Enjoying and Achieving							
	Temp/social housing		Homeless		Crime victim		Dissatisfied		No quals		Not level 2		Not level 4	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls (cont'd)</b>														
Externalising behavs age 10	0.01	1.56	<b>0.01</b>	<b>1.82</b>	0.00	-0.96	0.01	1.10	0.01	1.31	0.01	0.79	-0.01	-0.94
Internalising behavs age 10	<b>-0.01</b>	<b>-2.04</b>	<b>-0.01</b>	<b>-2.54</b>	0.01	1.37	0.00	-0.70	-0.01	-1.11	-0.01	-1.57	0.00	0.19
Peer relations age 10	<b>-0.02</b>	<b>-4.45</b>	0.00	-1.17	-0.01	-1.48	<b>-0.02</b>	<b>-3.51</b>	<b>0.01</b>	<b>1.67</b>	0.01	1.16	0.01	0.76
Sleeping probs age 10	0.00	0.13	0.01	1.26	<b>0.01</b>	<b>1.69</b>	-0.01	-0.75	0.00	0.27	0.02	1.39	<b>-0.03</b>	<b>-2.15</b>
Soiling probs b/w 5 & 10	0.01	1.05	0.00	0.81	0.00	-0.20	-0.01	-0.95	-0.01	-0.41	0.01	0.62	0.00	0.13
Eating probs age 10	0.00	-0.30	0.00	-0.26	0.00	0.79	0.00	-0.42	<b>-0.01</b>	<b>-1.70</b>	-0.01	-0.71	0.00	0.20
Vocabulary score age 5	0.00	-0.77	0.00	-0.04	0.00	-0.28	<b>0.00</b>	<b>-1.85</b>	0.00	-0.29	0.00	-1.01	0.00	-0.28
Copying score age 5	<b>0.00</b>	<b>-1.73</b>	0.00	-0.65	0.00	-0.49	0.00	-1.45	<b>0.00</b>	<b>-1.77</b>	<b>0.00</b>	<b>-3.09</b>	<b>0.00</b>	<b>-2.69</b>
Externalising behavs age 5	0.01	1.09	0.00	-0.81	0.00	0.28	0.00	-0.02	0.00	0.05	0.01	0.70	0.01	1.11
Internalising behavs age 5	0.00	0.18	<b>0.01</b>	<b>2.28</b>	0.00	-0.73	0.00	0.13	0.00	-0.44	-0.01	-0.65	0.00	-0.50
Does hmwk after school	<b>-0.02</b>	<b>-1.96</b>	<b>-0.01</b>	<b>-1.71</b>	-0.01	-1.16	-0.01	-0.60	<b>-0.07</b>	<b>-4.21</b>	<b>-0.11</b>	<b>-5.92</b>	<b>-0.08</b>	<b>-5.72</b>
Reads for pleasure afterschool	0.01	0.98	0.00	-0.16	0.01	1.10	0.01	0.65	0.00	-0.16	-0.02	-1.14	-0.02	-1.59
Helps at home	<b>0.01</b>	<b>2.92</b>	0.00	-0.20	0.01	1.57	0.00	-0.41	-0.01	-1.00	-0.01	-1.06	0.01	0.81
Has been to pub in last 2 wks	-0.01	-0.75	0.00	-0.61	0.00	0.06	<b>-0.03</b>	<b>-2.34</b>	0.02	1.47	0.03	1.61	<b>0.04</b>	<b>2.57</b>
Has truanted	<b>0.02</b>	<b>3.18</b>	0.01	1.28	0.00	0.59	0.01	1.43	0.02	1.32	0.02	1.29	<b>0.02</b>	<b>1.76</b>
Smokes at 16	<b>0.04</b>	<b>3.76</b>	0.01	1.03	0.01	1.59	0.01	0.80	<b>0.04</b>	<b>2.37</b>	<b>0.06</b>	<b>3.54</b>	<b>0.09</b>	<b>4.53</b>
Has had alcoholic drink in last wk	<b>-0.01</b>	<b>-3.21</b>	0.00	-0.73	0.00	-0.77	-0.01	-1.55	0.00	0.31	0.00	0.19	0.00	-0.61
CM engaged in gen. antisoc acts	0.00	0.21	0.00	1.61	<b>0.00</b>	<b>2.31</b>	0.00	-0.14	<b>0.00</b>	<b>-2.56</b>	<b>0.00</b>	<b>-3.26</b>	<b>0.00</b>	<b>-2.44</b>
CM engaged in criminal antisoc acts	0.00	0.83	0.00	-1.05	0.00	-0.99	0.00	1.05	<b>0.00</b>	<b>2.01</b>	<b>0.01</b>	<b>2.83</b>	<b>0.01</b>	<b>2.36</b>
Close friends engaged in antisoc acts	0.00	0.46	<b>0.00</b>	<b>1.67</b>	0.00	0.57	0.00	-0.07	0.00	-0.05	0.00	0.40	0.00	-0.32
Casual friends engaged in antisoc acts	0.00	0.77	<b>0.01</b>	<b>2.68</b>	0.00	0.83	0.00	-0.58	-0.01	-0.96	0.00	0.11	<b>-0.01</b>	<b>-2.35</b>
Acquaintances engaged in antisoc acts	0.00	-1.05	0.00	-0.67	<b>0.00</b>	<b>2.20</b>	0.00	0.23	0.00	-0.31	0.00	0.05	0.00	0.55
Locus of control age 16	0.00	-1.27	0.00	-1.41	0.00	0.61	<b>-0.01</b>	<b>-3.97</b>	<b>-0.01</b>	<b>-2.57</b>	<b>0.00</b>	<b>-1.87</b>	<b>-0.01</b>	<b>-3.68</b>
Wants to stay on age 16	<b>-0.01</b>	<b>-2.51</b>	0.00	-0.54	0.00	-0.03	0.00	-0.59	<b>-0.07</b>	<b>-9.37</b>	<b>-0.10</b>	<b>-11.82</b>	<b>-0.12</b>	<b>-12.95</b>
Self efficacy age 16	<b>0.00</b>	<b>-3.47</b>	<b>0.00</b>	<b>-1.92</b>	0.00	-0.13	<b>0.00</b>	<b>-2.32</b>	0.00	-1.22	<b>0.00</b>	<b>-1.88</b>	0.00	-1.17
MR: Behaviour: general conduct disorder	0.00	0.47	<b>0.01</b>	<b>1.64</b>	<b>0.01</b>	<b>2.32</b>	<b>0.02</b>	<b>2.76</b>	0.01	0.99	0.01	1.04	0.00	0.45
MR: Behaviour: clumsy naughty	-0.01	-1.48	0.00	0.87	<b>0.01</b>	<b>1.83</b>	<b>0.02</b>	<b>2.73</b>	0.01	1.05	0.01	1.18	0.00	-0.11
MR: Behaviour: clumsy frustrated	0.00	-1.01	0.00	-0.53	<b>-0.01</b>	<b>-2.58</b>	0.01	1.22	0.00	-0.07	0.01	1.02	0.00	0.28
MR: Behaviour: internalising	<b>-0.01</b>	<b>-2.56</b>	<b>-0.01</b>	<b>-1.92</b>	0.00	-1.32	<b>-0.01</b>	<b>-2.32</b>	<b>-0.01</b>	<b>-1.94</b>	<b>-0.03</b>	<b>-3.60</b>	<b>-0.05</b>	<b>-4.92</b>
N		5122		4758		5155		5110		5154		5154		5150
Pseudo R-sq		0.20		0.13		0.09		0.08		0.18		0.26		0.33

Stats are marginal effects from probit regressions (dF/dX) and t-stats.

Significant results are emboldened.

T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.

Missing values of control vars are replaced by imputation.

## Appendix 5: Regression of age 30 outcomes on age 16 contexts and all control variables (page 7 of 9)

	ECM outcome: Making a positive contribution										ECM outcome: Economic well-being							
	Offender		Offender serious		Racial intol		No vote		No memberships		Low income		Benefits		Workless H'h		Workless H'h w children	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Age 16 Contexts</b>																		
Sports/Community Centre	0.00	-0.31	0.00	0.25	0.00	-0.21	0.00	-0.20	0.01	0.87	<b>-0.03</b>	<b>-1.97</b>	-0.01	-0.79	-0.01	-1.61	0.00	-0.22
Youth Club	<b>0.03</b>	<b>2.59</b>	<b>0.00</b>	<b>3.54</b>	0.00	0.87	0.01	0.43	-0.01	-0.56	0.01	0.85	0.00	-0.15	0.00	-0.03	0.00	-0.11
Uniformed Youth Club	0.01	1.27	0.00	-0.60	0.00	-0.33	<b>-0.03</b>	<b>-1.93</b>	<b>-0.03</b>	<b>-3.30</b>	<b>-0.03</b>	<b>-2.67</b>	-0.01	-1.34	0.00	-0.49	0.00	-0.62
Church	0.01	0.96	0.00	0.51	<b>-0.01</b>	<b>-1.91</b>	<b>-0.04</b>	<b>-2.64</b>	<b>-0.04</b>	<b>-4.13</b>	0.01	0.52	0.00	-0.24	-0.01	-0.93	0.00	-0.34
Other	0.01	0.57	0.00	-1.50	-0.01	-1.53	0.00	-0.31	<b>-0.02</b>	<b>-1.71</b>	-0.01	-0.94	<b>-0.02</b>	<b>-2.29</b>	0.00	-0.39	0.00	-0.53
Any lessons	0.01	0.31	0.00	0.14	0.00	0.33	-0.03	-1.17	<b>-0.04</b>	<b>-2.24</b>	0.01	0.50	-0.01	-0.59	0.01	0.45	0.00	0.37
School lessons	<b>-0.02</b>	<b>-1.77</b>	0.00	-0.44	0.00	0.46	0.02	0.96	0.02	1.42	-0.01	-0.57	0.01	0.64	0.01	0.58	0.00	0.12
Non-school lessons	-0.01	-0.79	0.00	-0.44	0.00	-0.71	0.01	0.74	0.01	1.17	-0.01	-0.77	0.01	0.79	-0.01	-0.57	0.00	0.19
Volunteer	-0.01	-0.89	0.00	-0.58	0.00	-0.43	0.01	0.78	<b>-0.02</b>	<b>-1.75</b>	0.00	0.14	0.01	1.09	0.00	-0.51	0.00	0.61
School activities	0.01	1.10	0.00	-0.79	0.00	-0.27	-0.02	-1.11	-0.01	-0.66	<b>-0.03</b>	<b>-1.98</b>	-0.01	-1.46	-0.01	-0.94	0.00	-0.69
<b>Controls</b>																		
CM female	<b>-0.17</b>	<b>-14.75</b>	<b>-0.01</b>	<b>-6.65</b>	<b>-0.03</b>	<b>-4.99</b>	0.00	-0.28	-0.02	-1.62	<b>0.08</b>	<b>5.66</b>	<b>0.04</b>	<b>4.53</b>	0.01	1.15	<b>0.03</b>	<b>5.52</b>
Low income	0.01	0.57	0.00	-1.50	0.01	0.79	0.03	1.18	0.01	0.51	-0.02	-0.69	0.01	1.04	0.00	-0.21	0.00	-0.39
Medium income	<b>-0.02</b>	<b>-2.08</b>	<b>0.00</b>	<b>-2.39</b>	0.00	-0.11	0.00	0.11	0.01	0.59	-0.02	-1.14	<b>-0.01</b>	<b>-1.76</b>	-0.01	-0.66	-0.01	-1.17
Med SES	-0.01	-0.71	0.00	1.22	0.00	-0.81	0.01	0.36	0.00	0.25	0.01	0.59	0.00	0.25	0.00	0.52	0.00	0.39
Low SES	0.02	0.97	0.00	1.48	-0.01	-1.11	-0.01	-0.35	0.00	-0.21	0.03	1.30	0.02	1.48	0.01	0.52	0.00	0.65
Low parental education	0.02	1.32	0.00	0.49	0.00	-0.33	-0.01	-0.60	<b>0.03</b>	<b>1.77</b>	<b>0.04</b>	<b>1.86</b>	0.00	-0.14	-0.01	-0.55	0.00	-0.44
Med parental education	0.01	1.04	0.00	-0.16	0.01	1.24	-0.01	-0.55	<b>0.02</b>	<b>1.66</b>	0.03	1.43	0.00	0.09	0.00	-0.42	0.00	-0.64
Birth weight	-0.01	-1.01	0.00	1.25	0.00	0.07	0.01	1.02	0.00	0.50	0.00	-0.41	-0.01	-0.98	0.00	-0.03	0.00	-0.11
No. older sibs at birth	0.00	-0.26	0.00	-0.27	0.00	-0.51	0.00	0.55	0.00	0.42	0.01	1.43	0.00	1.58	0.00	0.97	0.00	1.12
No. younger sibs at 10	0.01	1.16	0.00	1.47	0.00	-1.40	-0.01	-0.54	0.00	0.31	<b>0.02</b>	<b>2.29</b>	<b>0.01</b>	<b>1.84</b>	0.00	-0.58	0.00	0.74
Mother age 14-18	-0.03	-0.98	0.00	-0.69	-0.01	-0.89	0.06	1.27	<b>0.06</b>	<b>1.72</b>	0.02	0.51	-0.01	-0.76	0.00	0.00	0.01	1.18
Mother age 19-24	-0.02	-0.84	0.00	-0.63	-0.01	-0.85	0.05	1.62	0.00	0.08	0.01	0.38	<b>-0.03</b>	<b>-2.00</b>	0.00	0.01	0.00	0.37
Mother age 25-34	<b>-0.03</b>	<b>-1.78</b>	0.00	-0.82	-0.01	-0.91	0.03	0.86	-0.01	-0.42	0.01	0.44	<b>-0.02</b>	<b>-1.88</b>	-0.01	-0.82	0.00	-0.28
Single parent	0.02	1.16	0.00	-0.04	0.00	-0.41	0.03	1.50	<b>-0.02</b>	<b>-1.65</b>	<b>0.04</b>	<b>2.15</b>	<b>0.02</b>	<b>2.24</b>	<b>0.03</b>	<b>3.34</b>	<b>0.01</b>	<b>1.82</b>
UK ethnicity	-0.03	-1.30	0.00	-0.22	<b>0.03</b>	<b>1.74</b>	-0.05	-1.35	-0.02	-1.00	0.05	1.53	0.00	0.21	-0.02	-1.04	0.01	0.62
English as first language	0.02	0.55	0.00	0.09	-0.01	-0.74	0.08	1.56	-0.01	-0.36	0.01	0.20	0.01	0.33	0.02	0.75	-0.01	-1.02
Mother hostile	0.05	0.32					0.03	0.13	-0.08	-0.75								
Father hostile	-0.02	-0.18					0.02	0.10					0.04	0.45	0.05	0.52	0.04	1.01

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 5: Regression of age 30 outcomes on age 16 contexts and all control variables (page 8 of 9)

	ECM outcome: Making a positive contribution										ECM outcome: Economic well-being								
	Offender		Offender serious		Racial intol		No vote		No memberships		Low income		Benefits		Workless H'h		Workless H'h w children		
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	
<b>Controls (cont'd)</b>																			
No maternal interest	-0.04	-0.69	0.00	0.57	0.03	1.27	0.05	0.59	0.07	0.90	0.03	0.37	-0.02	-0.55	-0.02	-0.57	0.01	0.28	
Low maternal interest	0.02	0.54	0.00	0.29	0.01	0.78	0.03	0.55	-0.03	-0.88	0.05	1.02	<b>-0.05</b>	<b>-2.17</b>	-0.03	-1.01	0.00	-0.08	
Med maternal interest	0.01	0.60	0.00	-0.80	0.00	0.22	-0.03	-1.27	-0.01	-0.84	0.01	0.56	0.00	0.26	-0.01	-0.88	0.00	0.63	
Maternal interest unknown	-0.01	-0.55	0.00	-1.47	0.00	0.13	<b>-0.04</b>	<b>-1.91</b>	<b>-0.03</b>	<b>-2.07</b>	<b>-0.04</b>	<b>-2.03</b>	0.01	1.36	0.01	1.06	0.00	0.56	
No paternal interest	<b>0.08</b>	<b>1.84</b>	0.00	-1.00	0.00	0.12	-0.02	-0.31	-0.03	-0.68	-0.03	-0.45	0.01	0.43	0.02	0.46	-0.02	-1.08	
Low paternal interest	0.02	0.52	0.00	1.17	<b>-0.05</b>	<b>-2.03</b>	0.03	0.43	0.03	0.69	-0.03	-0.55	<b>0.04</b>	<b>1.97</b>	0.01	0.51	0.01	0.76	
Med paternal interest	0.00	-0.20	0.00	-0.09	0.00	0.00	0.02	0.86	0.01	0.67	-0.01	-0.24	-0.01	-1.13	-0.02	-1.63	-0.01	-1.38	
Paternal interest unknown	0.01	0.75	0.00	1.16	-0.01	-1.05	0.01	0.63	0.01	0.70	0.00	0.06	-0.01	-0.62	0.00	-0.21	0.00	-0.18	
Maternal depression age 5	0.01	0.57	<b>0.00</b>	<b>2.00</b>	0.00	-0.63	<b>0.03</b>	<b>1.70</b>	0.01	0.61	0.00	0.17	0.01	1.36	0.01	0.85	0.01	1.31	
Parents approve of activities	<b>-0.02</b>	<b>-2.15</b>	0.00	-0.71	0.00	-0.47	<b>-0.02</b>	<b>-1.70</b>	0.00	0.46	-0.01	-0.50	<b>-0.01</b>	<b>-1.87</b>	-0.01	-1.26	<b>-0.01</b>	<b>-1.80</b>	
Parents approve of friends	<b>-0.02</b>	<b>-2.01</b>	0.00	-0.92	0.00	0.43	0.02	1.36	0.00	-0.54	0.01	0.50	-0.01	-1.59	-0.01	-1.39	0.00	-0.62	
SES1/2 (%)	<b>0.00</b>	<b>-1.90</b>	0.00	-1.49	0.00	-0.76	0.00	-0.43	0.00	1.00	0.00	0.02	0.00	-0.91	0.00	0.13	0.00	-0.10	
Ethnic minority (%)	0.00	0.24	0.00	-0.17	0.00	-0.50	0.00	-1.21	0.00	1.61	0.00	0.87	0.00	0.73	0.00	0.37	0.00	1.27	
High academic level (%)	0.00	-1.17	0.00	-0.59	0.00	-0.18	0.00	-0.56	0.00	-0.29	<b>0.00</b>	<b>-2.92</b>	0.00	0.25	0.00	0.17	0.00	-0.43	
Neighbourhood is good age 16	0.00	-0.16	<b>0.00</b>	<b>-2.45</b>	0.00	-0.70	<b>-0.04</b>	<b>-2.91</b>	0.00	-0.23	0.01	1.15	0.01	1.33	0.00	0.13	0.00	0.40	
Maths test age 10	0.00	-0.35	0.00	1.20	-0.01	-1.60	-0.01	-0.65	<b>-0.01</b>	<b>-1.74</b>	<b>-0.02</b>	<b>-2.42</b>	0.00	-0.82	<b>-0.01</b>	<b>-1.64</b>	0.00	-0.67	
Reading test age 10	0.00	0.44	0.00	-0.81	0.00	-0.05	<b>-0.02</b>	<b>-1.84</b>	0.00	0.20	-0.01	-1.34	0.00	0.74	0.00	0.04	0.00	-0.61	
Self efficacy age 10	0.00	0.01	0.00	0.30	0.00	0.11	-0.01	-1.60	0.00	0.33	0.00	0.51	0.00	0.17	0.00	0.71	0.00	-0.63	
Locus of control age 10	0.01	0.98	<b>0.00</b>	<b>-1.82</b>	0.00	1.69	0.01	0.55	0.00	0.22	-0.01	-1.42	0.00	0.12	0.00	0.66	0.00	0.19	

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 5: Regression of age 30 outcomes on age 16 contexts and all control variables (page 9 of 9)

	ECM outcome: Making a positive contribution										ECM outcome: Economic well-being								
	Offender		Offender serious		Racial intol		No vote		No memberships		Low income		Benefits		Workless H'h		Workless H'h w children		
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	
<b>Controls (cont'd)</b>																			
Externalising behavs age 10	<b>0.02</b>	<b>2.58</b>	<b>0.00</b>	<b>1.93</b>	0.00	-0.87	0.02	1.63	<b>0.01</b>	<b>1.64</b>	<b>-0.02</b>	<b>-1.92</b>	<b>0.01</b>	<b>2.06</b>	<b>0.01</b>	<b>2.17</b>	<b>0.01</b>	<b>2.70</b>	
Internalising behavs age 10	<b>-0.02</b>	<b>-3.06</b>	<b>0.00</b>	<b>-3.20</b>	0.00	-0.01	-0.01	-1.28	<b>-0.01</b>	<b>-1.70</b>	0.00	-0.25	<b>-0.01</b>	<b>-2.60</b>	<b>-0.01</b>	<b>-1.96</b>	<b>0.00</b>	<b>-1.77</b>	
Peer relations age 10	0.00	0.25	0.00	-0.32	0.00	-0.41	<b>0.02</b>	<b>2.03</b>	<b>0.02</b>	<b>3.70</b>	0.00	0.01	<b>-0.01</b>	<b>-2.52</b>	<b>-0.01</b>	<b>-1.65</b>	0.00	-0.27	
Sleeping probs age 10	0.00	-0.30	0.00	0.74	0.00	0.33	-0.01	-0.38	0.00	0.26	0.01	0.69	0.00	0.18	0.00	0.31	0.00	0.60	
Soiling probs b/w 5 & 10	0.01	1.21	0.00	0.77	<b>-0.01</b>	<b>-1.80</b>	0.00	0.09	0.00	-0.35	0.02	1.15	<b>0.02</b>	<b>2.62</b>	<b>0.02</b>	<b>2.62</b>	0.00	1.30	
Eating probs age 10	0.00	-0.49	0.00	0.15	0.00	0.53	-0.01	-0.65	0.00	-0.86	0.01	1.55	0.00	1.01	<b>0.01</b>	<b>2.06</b>	0.00	1.40	
Vocabulary score age 5	0.00	0.48	0.00	-1.01	<b>0.00</b>	<b>-2.87</b>	<b>0.00</b>	<b>-1.87</b>	0.00	-0.79	0.00	-0.63	<b>0.00</b>	<b>-2.44</b>	0.00	-1.38	0.00	-1.04	
Copying score age 5	0.00	0.49	0.00	-0.77	0.00	0.61	<b>0.00</b>	<b>2.45</b>	0.00	-1.27	<b>0.00</b>	<b>-2.53</b>	<b>0.00</b>	<b>-2.07</b>	0.00	-1.15	0.00	-0.27	
Externalising behavs age 5	0.01	1.31	0.00	0.12	0.00	-1.24	0.01	0.81	0.01	1.61	0.00	0.40	-0.01	-1.23	-0.01	-1.17	0.00	-1.35	
Internalising behavs age 5	0.00	-0.54	0.00	-0.74	0.00	0.50	0.01	1.10	0.00	0.74	-0.01	-0.69	0.01	1.28	0.00	0.67	0.00	-0.23	
Does hmwk after school	<b>-0.03</b>	<b>-2.03</b>	<b>0.00</b>	<b>-2.21</b>	0.00	-0.44	<b>-0.04</b>	<b>-2.24</b>	-0.01	-1.14	<b>-0.06</b>	<b>-3.55</b>	-0.01	-1.18	-0.01	-1.07	-0.01	-1.00	
Reads for pleasure afterschool	0.01	0.90	0.00	1.08	<b>-0.01</b>	<b>-2.64</b>	<b>-0.04</b>	<b>-2.54</b>	<b>-0.03</b>	<b>-3.36</b>	0.01	0.54	0.01	0.81	0.01	1.02	0.00	0.20	
Helps at home	0.01	1.21	0.00	1.23	0.00	0.16	-0.01	-1.14	-0.01	-1.29	0.00	-0.11	0.01	1.44	<b>0.01</b>	<b>2.23</b>	<b>0.01</b>	<b>3.04</b>	
Has been to pub in last 2 wks	-0.01	-0.59	0.00	-0.94	0.01	1.01	0.01	0.53	-0.01	-0.80	-0.02	-1.06	-0.01	-0.65	0.00	-0.41	0.00	-0.43	
Has truanted	<b>0.03</b>	<b>3.09</b>	<b>0.00</b>	<b>2.02</b>	-0.01	-1.63	0.01	0.70	0.00	0.17	-0.01	-0.72	<b>0.01</b>	<b>1.97</b>	0.00	0.31	0.00	-0.12	
Smokes at 16	<b>0.03</b>	<b>2.69</b>	<b>0.00</b>	<b>3.32</b>	0.00	0.30	-0.01	-0.42	-0.01	-0.97	<b>0.05</b>	<b>3.15</b>	<b>0.03</b>	<b>3.62</b>	<b>0.03</b>	<b>2.83</b>	<b>0.01</b>	<b>2.34</b>	
Has had alcoholic drink in last wk	0.00	0.28	0.00	0.31	0.00	0.38	0.00	-0.15	0.01	1.45	<b>-0.01</b>	<b>-1.98</b>	<b>-0.01</b>	<b>-2.45</b>	<b>-0.01</b>	<b>-3.23</b>	<b>0.00</b>	<b>-2.53</b>	
CM engaged in gen. antisoc acts	<b>0.00</b>	<b>4.31</b>	<b>0.00</b>	<b>2.56</b>	0.00	0.61	0.00	0.55	0.00	1.02	0.00	-0.59	0.00	-0.56	0.00	-1.06	0.00	-0.01	
CM engaged in criminal antisoc acts	0.00	-0.55	0.00	-1.03	<b>0.00</b>	<b>1.88</b>	0.00	-0.06	0.00	-0.45	0.00	0.59	<b>0.00</b>	<b>1.72</b>	0.00	1.05	0.00	0.73	
Close friends engaged in antisoc acts	<b>0.01</b>	<b>1.70</b>	<b>0.00</b>	<b>3.01</b>	0.00	-0.93	0.00	0.49	0.00	-0.22	0.00	-0.71	0.00	-0.76	0.00	1.46	0.00	0.34	
Casual friends engaged in antisoc acts	0.00	-0.03	0.00	1.29	0.00	-1.53	0.00	0.54	-0.01	-1.47	0.00	0.55	0.00	0.54	0.00	-0.89	0.00	0.36	
Acquaintances engaged in antisoc acts	0.00	-0.73	0.00	-0.73	0.00	1.06	0.00	-1.06	0.00	-1.29	0.00	0.82	0.00	1.25	0.00	0.52	0.00	0.15	
Locus of control age 16	<b>-0.01</b>	<b>-3.31</b>	0.00	-0.26	0.00	-1.40	<b>-0.01</b>	<b>-3.04</b>	0.00	0.86	<b>0.00</b>	<b>-1.86</b>	0.00	-0.72	<b>0.00</b>	<b>-2.23</b>	<b>0.00</b>	<b>-1.98</b>	
Wants to stay on age 16	-0.01	-1.04	0.00	0.03	<b>-0.01</b>	<b>-1.92</b>	0.00	-0.51	<b>-0.01</b>	<b>-2.07</b>	<b>-0.03</b>	<b>-3.32</b>	<b>-0.01</b>	<b>-2.88</b>	0.00	-0.54	<b>-0.01</b>	<b>-2.16</b>	
Self efficacy age 16	0.00	-0.30	0.00	-0.10	0.00	-0.68	0.00	-1.03	0.00	-0.11	<b>-0.01</b>	<b>-4.21</b>	<b>0.00</b>	<b>-2.35</b>	0.00	-1.28	0.00	-1.35	
MR: Behaviour: general conduct disorder	0.01	1.08	0.00	0.68	<b>0.01</b>	<b>1.97</b>	-0.01	-1.11	0.00	-0.02	<b>0.01</b>	<b>1.80</b>	0.00	0.18	0.00	-0.16	0.00	-0.49	
MR: Behaviour: clumsy naughty	-0.01	-1.32	0.00	-0.94	0.00	1.21	-0.01	-0.61	-0.01	-1.21	-0.01	-0.63	0.00	1.18	<b>0.01</b>	<b>1.78</b>	0.00	-1.19	
MR: Behaviour: clumsy frustrated	0.01	1.01	0.00	-1.42	0.00	0.71	0.00	-0.13	-0.01	-1.23	0.00	0.17	-0.01	-1.54	<b>-0.01</b>	<b>-2.06</b>	0.00	-0.90	
MR: Behaviour: internalising	<b>-0.02</b>	<b>-3.14</b>	<b>0.00</b>	<b>-2.18</b>	0.00	-1.35	<b>-0.02</b>	<b>-1.97</b>	0.00	0.00	<b>-0.02</b>	<b>-2.41</b>	<b>-0.01</b>	<b>-3.65</b>	-0.01	-1.52	0.00	-1.42	
N		5116		5107		5109		5142		5156		3854		5150		5155		5155	
Pseudo R-sq		0.22		0.34		0.12		0.04		0.06		0.14		0.17		0.10		0.16	

Stats are marginal effects from probit regressions (dF/dX) and t-stats.

Significant results are emboldened.

T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.

Missing values of control vars are replaced by imputation.

## Appendix 6: Regression of age 30 outcomes on age 16 context frequencies and prior control variables (page 1 of 6)

	ECM outcome: Being Healthy													
	Smoker		Obesity		Depressed		Psych dist		Single,sep,div		Teen P		Single Parent	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Age 16 Contexts (freqs)</b>														
Sports Centre	<b>-0.01</b>	<b>-2.29</b>	0.00	-0.53	<b>-0.01</b>	<b>-2.44</b>	0.00	0.29	<b>-0.02</b>	<b>-3.19</b>	0.00	-1.10	0.00	-0.97
Community Centre	-0.01	-0.67	-0.01	-0.93	0.01	0.87	0.00	-0.54	0.00	-0.24	0.00	-0.43	0.00	-0.24
Youth Club	<b>0.02</b>	<b>4.72</b>	0.00	-0.68	0.00	-0.30	0.00	0.27	0.00	-0.79	0.00	1.00	<b>0.00</b>	<b>2.50</b>
Uniformed Youth Club	<b>-0.01</b>	<b>-1.95</b>	<b>0.01</b>	<b>3.04</b>	-0.01	-1.01	0.00	-0.09	<b>-0.02</b>	<b>-2.37</b>			<b>0.00</b>	<b>-2.15</b>
Church	<b>-0.01</b>	<b>-2.18</b>	0.00	1.13	0.00	-0.09	0.01	1.61	0.00	-0.57	0.00	-0.87	0.00	-1.03
<b>Controls</b>														
CM female	<b>-0.03</b>	<b>-2.16</b>	<b>0.02</b>	<b>1.66</b>	<b>0.05</b>	<b>4.30</b>	<b>0.05</b>	<b>3.80</b>	<b>-0.09</b>	<b>-6.11</b>			<b>0.06</b>	<b>9.74</b>
Low income	-0.02	-0.87	0.00	-0.19	0.03	1.36	0.03	1.21	-0.01	-0.18	<b>0.00</b>	<b>-1.78</b>	0.00	-0.72
Medium income	<b>-0.04</b>	<b>-2.41</b>	-0.01	-0.94	0.00	0.03	0.01	0.96	0.00	0.25	<b>0.00</b>	<b>-2.20</b>	0.00	-0.10
Med SES	0.01	0.82	0.02	1.26	0.00	0.29	-0.01	-0.48	-0.01	-0.82	0.00	-0.08	0.00	0.28
Low SES	0.02	0.74	0.02	0.92	0.00	-0.13	-0.02	-0.68	-0.02	-0.68	0.00	-0.32	0.00	-0.15
Low parental education	0.00	-0.11	<b>0.05</b>	<b>2.83</b>	-0.01	-0.61	<b>-0.04</b>	<b>-1.75</b>	<b>-0.05</b>	<b>-1.92</b>	0.00	-0.57	0.00	0.46
Med parental education	0.01	0.30	0.01	0.68	-0.02	-1.11	<b>-0.03</b>	<b>-1.90</b>	-0.03	-1.36	0.00	-0.64	0.00	0.83
Birth weight	0.01	0.50	0.01	1.41	<b>-0.02</b>	<b>-2.00</b>	<b>-0.03</b>	<b>-2.37</b>	<b>-0.04</b>	<b>-2.45</b>	0.00	0.33	0.00	0.02
No. older sibs at birth	<b>0.03</b>	<b>3.86</b>	-0.01	-0.98	<b>0.01</b>	<b>2.56</b>	0.01	1.34	0.00	0.29	<b>0.00</b>	<b>2.15</b>	<b>0.00</b>	<b>2.42</b>
No. younger sibs at 10	0.01	0.93	0.01	1.32	0.00	0.45	0.00	-0.56	-0.01	-1.04	0.00	0.89	<b>0.00</b>	<b>1.73</b>
Mother age 14-18	<b>0.13</b>	<b>2.77</b>	<b>-0.07</b>	<b>-2.13</b>	0.04	1.03	<b>-0.08</b>	<b>-1.88</b>	<b>-0.10</b>	<b>-1.96</b>	0.00	0.07	<b>0.03</b>	<b>2.26</b>
Mother age 19-24	<b>0.06</b>	<b>2.01</b>	<b>-0.05</b>	<b>-2.22</b>	0.00	0.16	-0.04	-1.48	-0.05	-1.57	0.00	1.55	<b>0.02</b>	<b>1.77</b>
Mother age 25-34	-0.01	-0.22	-0.02	-1.03	-0.01	-0.44	<b>-0.04</b>	<b>-1.81</b>	-0.02	-0.57	0.00	1.35	0.01	0.80
Single parent	<b>0.05</b>	<b>2.47</b>	-0.01	-0.93	0.02	1.48	0.01	0.46	<b>0.04</b>	<b>1.95</b>	<b>0.00</b>	<b>1.69</b>	<b>0.01</b>	<b>3.21</b>
UK ethnicity	-0.02	-0.48	0.01	0.36	0.01	0.26	<b>-0.07</b>	<b>-2.50</b>	-0.05	-1.41	0.00	0.66	0.00	0.43
English as first language	<b>0.10</b>	<b>2.00</b>	0.04	1.24	<b>-0.06</b>	<b>-1.70</b>	-0.02	-0.56	0.02	0.37	0.00	0.55	-0.01	-0.92
Mother hostile	-0.15	-0.56	0.07	0.49	0.04	0.27	0.21	1.15	0.39	1.61				
Father hostile	0.28	1.21			0.19	1.30	0.07	0.39	0.16	0.70			0.05	1.26

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.



## Appendix 6: Regression of age 30 outcomes on age 16 context frequencies and prior control variables (page 2 of 6)

	ECM outcome: Being Healthy													
	Smoker		Obesity		Depressed		Psych dist		Single,sep,div		Teen P		Single Parent	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls (cont'd)</b>														
No maternal interest	0.04	0.44	-0.05	-0.78	-0.02	-0.25	-0.05	-0.64	-0.08	-0.88	0.00	-0.13	0.01	0.62
Low maternal interest	<b>0.10</b>	<b>1.75</b>	0.01	0.21	0.03	0.72	0.02	0.40	<b>-0.10</b>	<b>-1.79</b>	0.00	0.24	0.02	1.37
Med maternal interest	-0.01	-0.66	0.01	0.60	-0.02	-1.25	-0.01	-0.26	-0.02	-0.87	0.00	0.29	0.00	0.23
Maternal interest unknown	0.00	0.02	0.00	0.11	0.00	0.11	0.01	0.46	-0.02	-1.02	0.00	-0.26	0.00	0.14
No paternal interest	0.08	1.11	0.03	0.60	-0.06	-0.97	-0.11	-1.48	0.05	0.70	0.00	-0.02	-0.01	-0.80
Low paternal interest	0.02	0.39	0.00	0.03	-0.03	-0.80	-0.02	-0.37	0.08	1.26	0.00	0.67	0.01	0.72
Med paternal interest	0.00	0.03	0.02	0.93	-0.01	-0.58	-0.03	-1.18	-0.01	-0.23	0.00	-0.18	0.00	-0.53
Paternal interest unknown	0.02	1.11	0.00	-0.13	0.00	-0.10	0.01	0.31	0.04	1.63	0.00	1.44	0.00	0.45
Maternal depression age 5	-0.02	-0.77	0.02	1.26	0.01	0.80	0.00	-0.08	0.00	-0.03	0.00	-0.04	0.00	0.15
SES1/2 (%)	<b>0.00</b>	<b>2.57</b>	0.00	-1.07	0.00	0.12	0.00	0.60	0.00	1.40	0.00	-0.51	0.00	-0.22
Ethnic minority (%)	0.00	1.36	0.00	1.38	0.00	0.62	0.00	0.90	0.00	-0.11	0.00	-1.08	0.00	1.36
High academic level (%)	0.00	-0.72	0.00	0.81	0.00	-0.88	0.00	0.49	0.00	1.11	0.00	0.20	0.00	-0.06
Neighbourhood is good age 16	<b>-0.03</b>	<b>-2.48</b>	0.01	0.84	<b>-0.02</b>	<b>-2.38</b>	-0.01	-1.36	0.00	-0.32	0.00	-1.42	0.00	-0.39
Maths test age 10	-0.01	-0.78	0.01	1.10	<b>-0.02</b>	<b>-2.78</b>	<b>-0.02</b>	<b>-1.87</b>	0.01	0.49	0.00	0.98	0.00	-0.94
Reading test age 10	-0.02	-1.28	<b>-0.02</b>	<b>-2.16</b>	0.00	-0.06	0.01	1.19	0.00	-0.21	0.00	0.45	0.00	-0.73
Self efficacy age 10	<b>-0.02</b>	<b>-1.99</b>	-0.01	-1.62	<b>-0.02</b>	<b>-2.41</b>	<b>-0.03</b>	<b>-3.79</b>	-0.01	-1.00	0.00	-0.89	0.00	-1.14
Locus of control age 10	0.00	0.18	0.00	-0.03	0.00	0.39	<b>0.02</b>	<b>2.70</b>	0.00	-0.29	0.00	-0.58	0.00	0.06
Externalising behavs age 10	<b>0.04</b>	<b>4.10</b>	-0.01	-1.02	0.00	0.45	0.01	0.69	0.01	0.67	<b>0.00</b>	<b>2.04</b>	<b>0.01</b>	<b>2.26</b>
Internalising behavs age 10	<b>-0.04</b>	<b>-3.67</b>	-0.01	-1.40	0.01	1.36	0.00	-0.03	-0.01	-0.56	0.00	0.68	0.00	-1.18
Peer relations age 10	0.00	0.04	<b>-0.03</b>	<b>-4.58</b>	<b>-0.02</b>	<b>-3.48</b>	<b>-0.02</b>	<b>-3.17</b>	<b>-0.03</b>	<b>-3.74</b>	0.00	-0.08	0.00	-0.71
Sleeping probs age 10	0.01	0.85	-0.01	-1.05	0.01	1.25	0.02	1.47	0.02	1.61	0.00	-1.33	0.00	0.16
Soiling probs b/w 5 & 10	<b>0.04</b>	<b>2.44</b>	<b>0.02</b>	<b>1.72</b>	0.01	1.02	<b>0.03</b>	<b>1.96</b>	0.02	0.97	0.00	-0.02	0.00	0.52
Eating probs age 10	0.01	0.84	0.00	0.09	<b>0.01</b>	<b>1.96</b>	0.00	0.48	0.00	-0.01	0.00	-0.79	0.00	0.20
Vocabulary score age 5	0.00	-0.72	<b>0.00</b>	<b>1.66</b>	0.00	-1.43	0.00	0.12	<b>0.00</b>	<b>-1.71</b>	0.00	-1.24	0.00	-1.17
Copying score age 5	0.00	1.49	0.00	-0.91	0.00	-0.02	0.00	0.15	<b>0.00</b>	<b>-2.12</b>	0.00	-0.49	0.00	-0.10
Externalising behavs age 5	<b>0.03</b>	<b>3.16</b>	<b>0.02</b>	<b>2.65</b>	0.01	0.67	<b>0.02</b>	<b>2.52</b>	-0.01	-0.73	0.00	-0.46	0.00	0.10
Internalising behavs age 5	-0.02	-1.59	-0.01	-1.62	0.00	0.52	0.01	1.60	0.00	-0.24	0.00	-1.08	0.00	-0.42
N		5017		5022		4986		4984		4985		2695		5022
Pseudo R-sq		0.05		0.03		0.05		0.03		0.02		0.31		0.17

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
 Significant results are emboldened.  
 T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
 Missing values of control vars are replaced by imputation.

## Appendix 6: Regression of age 30 outcomes on age 16 contexts and all control variables (page 3 of 6)

	ECM outcome: Staying Safe						ECM outcome: Enjoying and Achieving							
	Temp/social housing		Homeless		Crime victim		Dissatisfied		No quals		Not level 2		Not level 4	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Age 16 Contexts (freqs)</b>														
Sports Centre	<b>-0.01</b>	<b>-4.60</b>	<b>-0.01</b>	<b>-2.55</b>	0.00	0.21	0.00	-1.30	<b>-0.02</b>	<b>-3.94</b>	<b>-0.02</b>	<b>-4.66</b>	0.00	-0.99
Community Centre	0.00	0.60	0.00	1.05	<b>0.01</b>	<b>1.89</b>	-0.01	-1.32	-0.01	-1.08	-0.01	-1.38	-0.01	-0.83
Youth Club	<b>0.01</b>	<b>2.10</b>	0.00	1.01	<b>0.00</b>	<b>2.13</b>	0.00	0.96	<b>0.02</b>	<b>4.86</b>	<b>0.03</b>	<b>5.62</b>	<b>0.03</b>	<b>5.78</b>
Uniformed Youth Club	0.00	0.64	0.00	1.15	0.00	-0.47	<b>-0.01</b>	<b>-2.02</b>	<b>-0.02</b>	<b>-2.77</b>	<b>-0.03</b>	<b>-3.90</b>	-0.01	-0.98
Church	<b>-0.01</b>	<b>-2.63</b>	<b>-0.01</b>	<b>-1.97</b>	0.00	-0.95	-0.01	-1.19	<b>-0.02</b>	<b>-4.14</b>	<b>-0.04</b>	<b>-5.58</b>	<b>-0.04</b>	<b>-6.89</b>
<b>Controls</b>														
CM female	<b>0.03</b>	<b>3.15</b>	<b>0.02</b>	<b>2.72</b>	<b>-0.05</b>	<b>-7.31</b>	-0.01	-0.83	-0.01	-0.72	<b>-0.03</b>	<b>-1.84</b>	<b>0.03</b>	<b>2.30</b>
Low income	0.01	0.71	0.00	0.47	-0.01	-0.80	-0.01	-0.70	-0.02	-1.02	-0.02	-0.95	<b>0.09</b>	<b>3.32</b>
Medium income	<b>-0.02</b>	<b>-1.82</b>	-0.01	-0.86	0.00	-0.51	0.00	-0.14	<b>-0.02</b>	<b>-1.67</b>	<b>-0.03</b>	<b>-1.78</b>	<b>0.05</b>	<b>3.43</b>
Med SES	<b>0.03</b>	<b>2.30</b>	0.01	1.04	0.00	0.36	-0.01	-1.13	<b>0.05</b>	<b>3.04</b>	<b>0.06</b>	<b>3.17</b>	<b>0.03</b>	<b>1.98</b>
Low SES	<b>0.05</b>	<b>3.20</b>	0.00	0.24	0.00	-0.31	-0.01	-0.63	<b>0.08</b>	<b>3.57</b>	<b>0.07</b>	<b>2.82</b>	0.04	1.40
Low parental education	0.02	1.33	0.00	-0.25	0.00	0.11	0.02	1.01	<b>0.07</b>	<b>3.09</b>	<b>0.10</b>	<b>4.14</b>	<b>0.14</b>	<b>6.20</b>
Med parental education	0.00	-0.31	0.01	0.86	0.00	-0.03	0.01	0.81	<b>0.04</b>	<b>2.26</b>	<b>0.05</b>	<b>2.47</b>	<b>0.11</b>	<b>6.31</b>
Birth weight	-0.01	-1.33	0.01	1.18	0.00	-0.55	-0.02	-1.53	0.00	0.32	0.01	0.45	-0.01	-0.52
No. older sibs at birth	<b>0.01</b>	<b>3.44</b>	<b>0.01</b>	<b>2.51</b>	0.00	0.96	<b>0.02</b>	<b>2.91</b>	<b>0.02</b>	<b>2.76</b>	<b>0.02</b>	<b>2.95</b>	<b>0.02</b>	<b>2.88</b>
No. younger sibs at 10	<b>0.01</b>	<b>2.37</b>	0.00	1.05	0.00	0.30	0.00	-0.14	0.00	0.06	0.00	0.25	-0.01	-0.49
Mother age 14-18	0.02	0.61	0.02	1.29	0.01	0.61	0.02	0.59	<b>0.07</b>	<b>1.82</b>	0.05	1.01	<b>0.15</b>	<b>3.05</b>
Mother age 19-24	0.00	0.16	0.01	1.03	-0.01	-0.40	0.00	-0.20	0.03	0.95	0.02	0.66	<b>0.13</b>	<b>4.29</b>
Mother age 25-34	-0.01	-0.59	0.00	0.20	0.00	-0.33	0.01	0.51	0.00	0.15	-0.01	-0.38	<b>0.06</b>	<b>2.41</b>
Single parent	<b>0.03</b>	<b>2.64</b>	<b>0.02</b>	<b>2.02</b>	0.01	1.42	0.02	1.47	-0.01	-0.70	0.00	0.10	<b>-0.03</b>	<b>-1.67</b>
UK ethnicity	0.03	1.47	0.01	0.90	-0.01	-0.65	-0.03	-1.07	0.05	1.63	<b>0.07</b>	<b>1.85</b>	<b>0.08</b>	<b>2.30</b>
English as first language	<b>0.05</b>	<b>1.67</b>	-0.03	-1.50	<b>0.05</b>	<b>1.80</b>	0.02	0.53	0.02	0.38	0.05	1.12	0.05	1.06
Mother hostile	0.05	0.44							0.06	0.33	-0.03	-0.13	-0.08	-0.35
Father hostile	0.00	-0.01	0.07	1.07	0.07	0.99			-0.10	-0.55	-0.09	-0.47		

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 6: Regression of age 30 outcomes on age 16 contexts and all control variables (page 4 of 6)

	ECM outcome: Staying Safe						ECM outcome: Enjoying and Achieving							
	Temp/social housing		Homeless		Crime victim		Dissatisfied		No quals		Not level 2		Not level 4	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls (cont'd)</b>														
No maternal interest	0.02	0.57	-0.01	-0.22	-0.03	-0.48	-0.01	-0.21	0.01	0.08	0.13	1.56	0.05	0.32
Low maternal interest	0.00	0.14	-0.02	-0.81	<b>0.05</b>	<b>2.33</b>	-0.01	-0.25	-0.04	-0.88	0.02	0.41	0.09	1.11
Med maternal interest	0.00	0.29	0.00	0.52	0.00	0.31	<b>0.03</b>	<b>1.84</b>	0.00	0.18	0.03	1.30	<b>0.06</b>	<b>2.55</b>
Maternal interest unknown	0.00	0.15	0.00	0.40	0.02	1.46	0.01	0.70	0.02	0.91	0.03	1.61	<b>-0.04</b>	<b>-2.07</b>
No paternal interest	0.01	0.32	0.00	-0.05	<b>-0.09</b>	<b>-1.99</b>	0.00	0.00	0.05	0.84	-0.04	-0.55	-0.03	-0.24
Low paternal interest	0.02	0.74	0.00	0.02	-0.03	-1.10	0.01	0.22	0.04	0.95	0.02	0.33	0.05	0.69
Med paternal interest	-0.02	-1.23	0.00	-0.10	<b>-0.02</b>	<b>-1.68</b>	-0.03	-1.51	0.00	-0.20	0.01	0.59	0.03	1.32
Paternal interest unknown	0.01	0.46	0.01	1.47	-0.01	-0.93	-0.01	-0.82	0.00	-0.27	-0.01	-0.47	<b>0.04</b>	<b>1.86</b>
Maternal depression age 5	0.02	1.59	0.00	0.53	0.01	0.68	-0.01	-0.82	-0.01	-0.68	-0.02	-1.26	0.02	0.76
SES1/2 (%)	0.00	-0.62	0.00	1.49	0.00	-0.28	0.00	-0.25	<b>0.00</b>	<b>-2.10</b>	<b>0.00</b>	<b>-2.12</b>	<b>0.00</b>	<b>-3.84</b>
Ethnic minority (%)	0.00	0.02	0.00	-1.20	0.00	0.31	0.00	1.31	0.00	-0.33	0.00	-0.20	0.00	-0.99
High academic level (%)	0.00	0.37	<b>0.00</b>	<b>1.99</b>	0.00	-0.49	0.00	0.30	0.00	-1.22	0.00	-1.29	0.00	-1.52
Neighbourhood is good age 16	0.00	-0.28	0.00	-0.70	0.00	-0.81	<b>-0.02</b>	<b>-1.73</b>	-0.01	-0.93	-0.01	-0.68	0.00	0.02
Maths test age 10	<b>-0.02</b>	<b>-2.30</b>	0.00	0.11	0.01	0.92	<b>-0.03</b>	<b>-3.14</b>	<b>-0.04</b>	<b>-3.90</b>	<b>-0.07</b>	<b>-5.97</b>	<b>-0.08</b>	<b>-7.02</b>
Reading test age 10	<b>-0.01</b>	<b>-1.96</b>	-0.01	-1.13	-0.01	-0.95	0.00	0.33	<b>-0.06</b>	<b>-5.66</b>	<b>-0.08</b>	<b>-7.16</b>	<b>-0.08</b>	<b>-6.46</b>
Self efficacy age 10	0.00	-0.94	<b>-0.01</b>	<b>-2.25</b>	0.00	-1.16	<b>-0.02</b>	<b>-3.13</b>	0.00	0.22	0.00	0.36	0.01	0.83
Locus of control age 10	-0.01	-1.09	0.01	1.43	0.00	0.41	<b>0.01</b>	<b>1.83</b>	<b>-0.02</b>	<b>-2.75</b>	<b>-0.03</b>	<b>-3.85</b>	<b>-0.04</b>	<b>-4.38</b>
Externalising behavs age 10	<b>0.02</b>	<b>3.32</b>	<b>0.01</b>	<b>3.19</b>	0.00	0.53	<b>0.02</b>	<b>2.31</b>	<b>0.02</b>	<b>2.77</b>	<b>0.03</b>	<b>2.94</b>	<b>0.02</b>	<b>1.80</b>
Internalising behavs age 10	<b>-0.02</b>	<b>-3.13</b>	<b>-0.01</b>	<b>-3.07</b>	0.00	0.67	-0.01	-0.91	<b>-0.02</b>	<b>-2.16</b>	<b>-0.03</b>	<b>-3.08</b>	<b>-0.02</b>	<b>-1.73</b>
Peer relations age 10	<b>-0.02</b>	<b>-4.91</b>	0.00	-1.39	-0.01	-1.53	<b>-0.02</b>	<b>-3.94</b>	0.01	1.31	0.01	0.99	0.00	0.56
Sleeping probs age 10	0.00	0.26	<b>0.01</b>	<b>1.86</b>	<b>0.01</b>	<b>2.23</b>	0.00	-0.34	0.00	0.39	0.02	1.63	-0.02	-1.58
Soiling probs b/w 5 & 10	0.01	1.41	0.01	1.60	0.00	-0.02	0.00	-0.15	0.00	-0.10	0.02	1.09	0.01	0.66
Eating probs age 10	0.00	0.00	0.00	-0.31	0.00	0.66	0.00	-0.62	-0.01	-1.17	0.00	-0.04	0.01	0.74
Vocabulary score age 5	0.00	-1.06	0.00	0.14	0.00	-0.13	<b>0.00</b>	<b>-2.00</b>	0.00	0.19	0.00	-0.58	0.00	0.21
Copying score age 5	<b>0.00</b>	<b>-1.94</b>	0.00	-0.89	0.00	-0.63	<b>0.00</b>	<b>-1.99</b>	<b>0.00</b>	<b>-1.88</b>	<b>0.00</b>	<b>-3.25</b>	<b>0.00</b>	<b>-2.68</b>
Externalising behavs age 5	<b>0.01</b>	<b>2.06</b>	0.00	-0.18	0.00	0.83	0.01	0.94	0.01	0.88	0.01	1.46	<b>0.02</b>	<b>2.20</b>
Internalising behavs age 5	0.00	-0.40	<b>0.01</b>	<b>2.34</b>	0.00	-0.32	0.00	-0.02	-0.01	-1.01	-0.01	-0.88	-0.01	-0.75
N		4988		4636		5022		4973		5020		5020		5016
Pseudo R-sq		0.16		0.07		0.06		0.05		0.13		0.19		0.24

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 6: Regression of age 30 outcomes on age 16 contexts and all control variables (page 5 of 6)

	ECM outcome: Making a positive contribution										ECM outcome: Economic well-being							
	Offender		Offender serious		Racial intol		No vote		No memberships		Low income		Benefits		Workless H'h		Workless H'h w children	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Age 16 Contexts (freqs)</b>																		
Sports Centre	0.00	-0.74	0.00	-0.11	0.00	0.01	0.00	0.27	0.00	1.25	<b>-0.01</b>	<b>-2.62</b>	<b>0.00</b>	<b>-1.74</b>	<b>-0.01</b>	<b>-2.57</b>	0.00	-1.40
Community Centre	0.00	-0.10	0.00	0.89	0.00	-0.16	-0.01	-1.45	<b>-0.01</b>	<b>-2.69</b>	-0.01	-1.31	0.00	0.57	0.00	0.52	0.00	0.38
Youth Club	<b>0.02</b>	<b>5.36</b>	<b>0.00</b>	<b>4.56</b>	0.00	0.28	<b>0.01</b>	<b>2.19</b>	0.00	0.81	<b>0.01</b>	<b>1.80</b>	0.00	1.10	0.00	0.16	0.00	0.94
Uniformed Youth Club	0.00	1.09	0.00	0.21	0.00	-1.43	-0.01	-0.97	<b>-0.01</b>	<b>-3.62</b>	<b>-0.01</b>	<b>-1.75</b>	<b>-0.01</b>	<b>-2.88</b>	<b>-0.01</b>	<b>-1.80</b>	<b>0.00</b>	<b>-1.74</b>
Church	<b>-0.01</b>	<b>-2.89</b>	0.00	-1.34	<b>-0.01</b>	<b>-2.74</b>	<b>-0.03</b>	<b>-5.06</b>	<b>-0.02</b>	<b>-5.50</b>	-0.01	-1.53	0.00	-1.23	0.00	-0.85	0.00	-1.26
<b>Controls</b>																		
CM female	<b>-0.19</b>	<b>-18.47</b>	<b>-0.02</b>	<b>-7.60</b>	<b>-0.03</b>	<b>-6.70</b>	-0.02	-1.50	<b>-0.04</b>	<b>-3.69</b>	<b>0.08</b>	<b>6.31</b>	<b>0.04</b>	<b>5.70</b>	<b>0.02</b>	<b>2.09</b>	<b>0.04</b>	<b>6.94</b>
Low income	0.01	0.46	-0.01	-1.48	0.01	0.93	0.03	1.25	0.02	0.86	-0.01	-0.61	0.02	1.52	0.00	-0.02	0.00	-0.52
Medium income	<b>-0.02</b>	<b>-2.01</b>	<b>-0.01</b>	<b>-2.60</b>	0.00	-0.01	0.00	0.05	0.00	0.32	-0.02	-1.20	<b>-0.02</b>	<b>-1.89</b>	-0.01	-0.58	-0.01	-1.09
Med SES	-0.01	-0.71	0.00	1.35	0.00	-0.75	0.01	0.44	0.01	0.63	0.01	0.72	0.01	0.62	0.01	0.75	0.00	0.51
Low SES	0.02	0.98	0.01	1.56	-0.01	-0.93	-0.01	-0.33	0.00	0.00	0.03	1.39	0.02	1.40	0.01	0.39	0.00	0.34
Low parental education	0.03	1.56	0.00	0.51	0.00	-0.27	0.00	-0.05	<b>0.03</b>	<b>2.09</b>	<b>0.06</b>	<b>2.81</b>	0.00	0.27	0.00	-0.36	0.00	-0.06
Med parental education	0.02	1.12	0.00	-0.57	0.01	1.27	0.00	-0.13	<b>0.02</b>	<b>1.64</b>	<b>0.04</b>	<b>2.14</b>	0.00	0.15	-0.01	-0.55	0.00	-0.42
Birth weight	-0.01	-0.68	0.00	1.25	0.00	0.39	0.02	1.43	0.01	0.91	-0.01	-1.13	-0.01	-1.13	0.00	-0.38	0.00	-0.12
No. older sibs at birth	0.01	1.34	0.00	0.24	0.00	-0.08	0.01	1.47	0.00	0.42	<b>0.02</b>	<b>2.82</b>	<b>0.01</b>	<b>2.60</b>	<b>0.01</b>	<b>1.66</b>	<b>0.00</b>	<b>1.96</b>
No. younger sibs at 10	0.01	1.59	0.00	1.57	-0.01	-1.47	-0.01	-0.66	0.00	0.19	<b>0.03</b>	<b>2.77</b>	<b>0.01</b>	<b>2.24</b>	0.00	-0.14	0.00	1.03
Mother age 14-18	0.00	-0.14	0.00	-0.31	-0.01	-0.50	<b>0.08</b>	<b>1.72</b>	<b>0.06</b>	<b>1.68</b>	0.04	0.98	-0.01	-0.52	-0.01	-0.26	0.02	1.58
Mother age 19-24	0.00	-0.11	0.00	-0.47	0.00	-0.42	<b>0.07</b>	<b>2.02</b>	0.00	-0.12	0.02	0.78	<b>-0.02</b>	<b>-1.65</b>	0.00	-0.03	0.01	0.86
Mother age 25-34	-0.03	-1.29	0.00	-0.88	0.00	-0.41	0.03	1.11	-0.01	-0.59	0.01	0.55	<b>-0.02</b>	<b>-1.85</b>	-0.01	-0.87	0.00	0.06
Single parent	<b>0.03</b>	<b>1.75</b>	0.00	0.63	0.00	-0.20	<b>0.04</b>	<b>1.90</b>	<b>-0.03</b>	<b>-2.02</b>	<b>0.04</b>	<b>2.43</b>	<b>0.02</b>	<b>2.01</b>	<b>0.03</b>	<b>3.31</b>	<b>0.01</b>	<b>2.13</b>
UK ethnicity	-0.03	-1.10	0.00	-0.13	<b>0.04</b>	<b>2.06</b>	-0.03	-0.83	-0.02	-0.76	<b>0.07</b>	<b>2.01</b>	0.00	0.25	-0.02	-1.18	0.01	0.58
English as first language	0.03	0.98	0.00	0.30	-0.01	-0.65	0.06	1.26	-0.01	-0.25	-0.01	-0.14	0.01	0.27	0.01	0.58	-0.02	-1.21
Mother hostile	-0.02	-0.12					-0.12	-0.49	-0.13	-1.02								
Father hostile	0.00	-0.03					0.03	0.14					0.07	0.77	0.07	0.75	0.05	1.23

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 6: Regression of age 30 outcomes on age 16 contexts and all control variables (page 6 of 6)

	ECM outcome: Making a positive contribution										ECM outcome: Economic well-being							
	Offender		Offender serious		Racial intol		No vote		No memberships		Low income		Benefits		Workless H'h		Workless H'h w children	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Controls (cont'd)</b>																		
No maternal interest	-0.04	-0.62	0.00	-0.07	0.02	0.95	0.04	0.38	0.08	1.10	0.00	-0.02	-0.02	-0.51	-0.03	-0.72	0.01	0.24
Low maternal interest	0.04	1.09	0.00	0.58	0.01	0.80	0.03	0.56	-0.02	-0.43	0.05	1.05	-0.04	-1.61	-0.02	-0.65	0.00	0.18
Med maternal interest	0.02	1.02	0.00	-0.20	0.00	0.48	-0.02	-0.94	-0.01	-0.54	0.02	1.01	0.01	0.71	-0.01	-0.48	0.01	1.06
Maternal interest unknown	0.00	-0.28	0.00	-1.11	0.00	0.24	<b>-0.04</b>	<b>-1.89</b>	<b>-0.03</b>	<b>-2.20</b>	<b>-0.04</b>	<b>-2.01</b>	0.02	1.49	0.01	1.14	0.00	0.53
No paternal interest	<b>0.09</b>	<b>1.88</b>	0.00	-0.36	0.01	0.40	-0.01	-0.11	-0.04	-0.85	0.01	0.09	0.03	0.89	0.02	0.72	-0.02	-0.88
Low paternal interest	0.00	0.13	0.01	1.02	<b>-0.05</b>	<b>-1.98</b>	0.02	0.27	0.02	0.41	-0.02	-0.37	<b>0.05</b>	<b>1.96</b>	0.02	0.72	0.01	0.94
Med paternal interest	0.00	0.13	0.00	0.12	0.00	0.11	0.02	0.58	0.01	0.46	0.00	-0.15	-0.01	-0.81	<b>-0.02</b>	<b>-1.68</b>	-0.01	-1.30
Paternal interest unknown	0.02	1.33	<b>0.01</b>	<b>1.84</b>	-0.01	-0.84	0.01	0.39	0.01	0.90	0.00	0.12	0.00	-0.26	0.00	-0.14	0.00	0.00
Maternal depression age 5	0.01	0.52	<b>0.00</b>	<b>1.78</b>	0.00	-0.65	0.03	1.44	0.01	0.79	0.00	-0.14	0.01	1.16	0.01	1.10	0.01	1.24
SES1/2 (%)	0.00	-0.91	0.00	-0.82	0.00	-0.55	0.00	-0.72	0.00	1.02	0.00	0.08	0.00	-0.36	0.00	0.41	0.00	-0.11
Ethnic minority (%)	0.00	0.18	0.00	-0.33	0.00	-0.64	0.00	-1.14	<b>0.00</b>	<b>1.72</b>	0.00	1.23	0.00	1.09	0.00	0.58	0.00	1.31
High academic level (%)	0.00	-1.22	0.00	-0.84	0.00	-0.01	0.00	-0.91	0.00	0.10	<b>0.00</b>	<b>-3.36</b>	0.00	0.17	0.00	0.36	0.00	-0.66
Neighbourhood is good age 16	-0.01	-0.99	<b>-0.01</b>	<b>-2.78</b>	0.00	-1.09	<b>-0.04</b>	<b>-2.97</b>	0.00	-0.57	0.01	0.68	0.00	0.57	0.00	-0.37	0.00	0.10
Maths test age 10	-0.01	-0.82	0.00	0.55	<b>-0.01</b>	<b>-2.24</b>	-0.01	-0.70	<b>-0.01</b>	<b>-1.84</b>	<b>-0.03</b>	<b>-2.75</b>	-0.01	-1.38	<b>-0.01</b>	<b>-1.97</b>	0.00	-1.14
Reading test age 10	0.00	-0.12	0.00	-0.55	0.00	-1.00	<b>-0.03</b>	<b>-2.68</b>	0.00	-0.27	<b>-0.03</b>	<b>-2.57</b>	0.00	-0.41	-0.01	-1.07	<b>-0.01</b>	<b>-1.73</b>
Self efficacy age 10	-0.01	-1.07	0.00	-0.38	0.00	-0.17	<b>-0.02</b>	<b>-1.94</b>	0.00	0.39	0.00	-0.58	0.00	-0.82	0.00	0.14	0.00	-1.32
Locus of control age 10	0.01	1.35	0.00	-1.60	0.00	1.45	0.00	0.25	0.00	-0.12	<b>-0.01</b>	<b>-1.82</b>	0.00	-0.01	0.00	0.65	0.00	0.36
Externalising behavs age 10	<b>0.04</b>	<b>4.88</b>	<b>0.00</b>	<b>3.40</b>	0.00	-0.10	<b>0.03</b>	<b>2.38</b>	<b>0.01</b>	<b>1.75</b>	0.00	-0.42	<b>0.02</b>	<b>3.65</b>	<b>0.01</b>	<b>2.67</b>	<b>0.01</b>	<b>3.51</b>
Internalising behavs age 10	<b>-0.03</b>	<b>-4.63</b>	<b>-0.01</b>	<b>-4.08</b>	0.00	-0.22	<b>-0.02</b>	<b>-1.85</b>	<b>-0.01</b>	<b>-1.72</b>	-0.01	-0.96	<b>-0.02</b>	<b>-3.55</b>	<b>-0.01</b>	<b>-2.25</b>	<b>-0.01</b>	<b>-2.35</b>
Peer relations age 10	0.00	0.33	0.00	-0.39	0.00	-0.33	<b>0.02</b>	<b>2.01</b>	<b>0.02</b>	<b>3.76</b>	0.00	-0.61	<b>-0.01</b>	<b>-2.71</b>	<b>-0.01</b>	<b>-1.77</b>	0.00	-0.46
Sleeping probs age 10	0.00	-0.08	0.00	0.71	0.00	0.28	0.00	-0.07	0.00	0.21	0.01	0.98	0.00	0.37	0.00	0.63	0.00	0.63
Soiling probs b/w 5 & 10	<b>0.02</b>	<b>1.70</b>	0.00	1.38	<b>-0.01</b>	<b>-1.73</b>	0.01	0.36	-0.01	-0.57	<b>0.02</b>	<b>1.76</b>	<b>0.02</b>	<b>3.00</b>	<b>0.02</b>	<b>2.87</b>	0.01	1.58
Eating probs age 10	0.00	-0.36	0.00	-0.06	0.00	0.59	0.00	-0.18	-0.01	-1.23	<b>0.01</b>	<b>1.79</b>	0.00	0.72	<b>0.01</b>	<b>2.03</b>	0.00	1.49
Vocabulary score age 5	0.00	1.08	0.00	0.27	<b>0.00</b>	<b>-2.59</b>	<b>0.00</b>	<b>-1.82</b>	0.00	-0.79	0.00	-0.19	<b>0.00</b>	<b>-2.40</b>	0.00	-1.28	0.00	-1.12
Copying score age 5	0.00	0.60	0.00	-1.01	0.00	0.45	<b>0.00</b>	<b>2.23</b>	<b>0.00</b>	<b>-1.70</b>	<b>0.00</b>	<b>-3.00</b>	<b>0.00</b>	<b>-2.48</b>	<b>0.00</b>	<b>-1.81</b>	0.00	-0.30
Externalising behavs age 5	<b>0.02</b>	<b>2.15</b>	0.00	0.46	0.00	-0.75	0.01	0.81	<b>0.01</b>	<b>1.67</b>	0.01	0.87	0.00	-0.04	0.00	-0.25	0.00	-0.76
Internalising behavs age 5	0.00	-0.70	0.00	-0.41	0.00	0.72	0.01	0.90	0.00	0.73	0.00	-0.49	0.00	1.04	0.00	0.16	0.00	-0.77
N		4983		4975		4977		5008		5022		3756		5017		5022		5022
Pseudo R-sq		0.16		0.22		0.08		0.03		0.05		0.11		0.12		0.07		0.12

Stats are marginal effects from probit regressions (dF/dX) and t-stats.  
Significant results are emboldened.  
T-stats larger than 1.96 and 2.58 are significant at 5% 1% respectively.  
Missing values of control vars are replaced by imputation.

## Appendix 7: Regression of age 30 outcomes on age 16 context frequencies for "at risk" sub-groups (page 1 of 3)

	ECM outcome: Being Healthy													
	Smoker		Obesity		Depressed		Psych dist		Single,sep,div		Teen P		Single Parent	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Sub-group 1</b>														
Sports Centre	-0.02	-1.20	0.00	0.08	-0.01	-0.69	0.01	0.59	-0.02	-1.47	0.00	-0.36	0.00	-0.80
Community Centre	0.01	0.41	-0.01	-0.99	0.02	0.91	-0.03	-1.53	0.02	0.79			0.00	0.54
Youth Club	-0.01	-0.65	0.00	0.46	-0.01	-0.74	0.01	0.76	-0.02	-1.11	0.00	0.54	0.00	0.45
Uniformed Youth Club	-0.02	-1.09	-0.04	-1.76	-0.02	-1.00	-0.01	-0.48	0.01	0.45			0.00	0.52
Church	0.03	1.17	0.01	1.07	0.04	2.01	0.07	3.64	-0.04	-1.47	0.01	1.26	0.00	0.09
CM female	0.04	0.94	-0.03	-1.24	0.02	0.46	0.06	1.61	-0.11	-2.51			0.09	4.34
Medium SES	0.01	0.13	-0.01	-0.33	-0.05	-1.02	-0.05	-1.08	-0.09	-1.72	0.01	0.83	-0.01	-0.55
Low SES	-0.03	-0.38	0.06	1.36	0.06	1.09	-0.05	-0.81	-0.02	-0.25	0.00	-0.11	-0.02	-0.63
Maths at 10	-0.04	-1.04	-0.01	-0.58	-0.01	-0.23	-0.05	-1.43	-0.09	-2.38	0.00	-0.04	-0.02	-1.75
Reading at 10	-0.02	-0.42	-0.01	-0.56	-0.03	-1.04	0.03	0.99	0.06	1.48	0.01	0.63	0.01	0.66
N		518		518		513		513		516		202		518
Pseudo R-sq		0.01		0.04		0.03		0.04		0.03		0.10		0.16
<b>Sub-group 2</b>														
Sports Centre	-0.03	-2.09	0.00	-0.36	-0.02	-1.92	-0.01	-1.19	-0.02	-1.76	0.00	0.21	0.00	-0.12
Community Centre	-0.01	-0.79	-0.01	-0.85	0.00	0.31	-0.02	-1.52	0.00	0.14			0.00	0.29
Youth Club	0.02	1.52	0.00	-0.33	0.00	0.01	0.01	0.85	0.00	-0.12	0.00	0.46	0.00	0.44
Uniformed Youth Club	-0.03	-1.59	0.01	1.18	-0.01	-0.71	0.00	-0.27	-0.02	-1.15			0.00	-0.61
Church	-0.01	-0.55	0.02	1.89	0.03	2.48	0.03	2.50	-0.01	-0.35	0.00	0.06	0.00	-0.45
CM female	0.04	1.20	-0.01	-0.67	0.05	1.86	0.05	1.96	-0.06	-1.78			0.08	6.35
Medium SES	-0.02	-0.37	-0.03	-1.03	0.05	1.34	0.02	0.48	-0.02	-0.50	0.00	0.09	0.00	-0.20
Low SES	0.02	0.27	0.03	0.87	0.07	1.62	-0.01	-0.27	0.03	0.50	-0.03	-0.46	0.00	0.10
Maths at 10	-0.04	-1.37	0.01	0.36	-0.04	-1.87	-0.05	-2.07	-0.04	-1.65	0.00	0.13	-0.02	-2.35
Reading at 10	0.03	1.08	-0.02	-1.29	0.01	0.37	0.04	1.59	0.04	1.39	0.01	0.71	0.00	0.54
N		976		979		966		966		968		341		979
Pseudo R-sq		0.01		0.02		0.03		0.02		0.01		0.05		0.19

## Appendix 7: Regression of age 30 outcomes on age 16 contexts and all control variables (page 2 of 3)

	ECM outcome: Staying Safe						ECM outcome: Enjoying and Achieving							
	Temp/social housing		Homeless		Crime victim		Dissatisfied		No quals		Not level 2		Not level 4	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Sub-group 1</b>														
Sports Centre	-0.03	-1.97	-0.04	-3.19	-0.01	-0.77	0.00	-0.28	-0.01	-0.56	-0.02	-1.25	0.00	-0.36
Community Centre	-0.01	-0.68	0.02	1.51	0.01	0.55	-0.04	-2.17	-0.01	-0.65	-0.02	-0.87	-0.03	-2.01
Youth Club	0.00	0.31	-0.02	-1.58	0.01	1.49	0.01	0.87	0.01	0.36	0.02	1.35	0.02	1.75
Uniformed Youth Club	0.00	-0.05	-0.01	-0.36	-0.01	-0.48	-0.01	-0.53	-0.03	-1.38	-0.07	-2.69	0.00	-0.17
Church	0.01	0.69	0.00	-0.18	-0.02	-0.99	0.01	0.70	-0.04	-1.66	-0.04	-1.68	-0.02	-1.94
CM female	0.07	1.92	0.04	1.42	-0.04	-1.39	-0.03	-0.86	-0.04	-0.84	-0.07	-1.39	0.03	1.26
Medium SES	0.06	1.33	-0.01	-0.38	0.00	-0.05	0.00	0.11	0.03	0.52	0.09	1.60	0.09	2.87
Low SES	0.10	1.62	-0.04	-0.74	0.03	0.82	0.03	0.49	0.09	1.17	0.08	0.94	0.22	2.99
Maths at 10	-0.07	-2.04	0.03	1.19	0.01	0.64	-0.06	-1.78	-0.04	-1.10	-0.08	-1.78	-0.03	-1.26
Reading at 10	-0.01	-0.47	-0.01	-0.36	0.00	-0.14	0.01	0.32	-0.11	-2.80	-0.17	-4.07	-0.05	-2.10
N		514		485		518		513		518		518		518
Pseudo R-sq		0.05		0.05		0.03		0.03		0.06		0.12		0.15
<b>Sub-group 2</b>														
Sports Centre	-0.03	-2.61	-0.03	-3.71	-0.01	-0.93	0.00	0.09	-0.02	-1.31	-0.02	-1.40	-0.01	-1.31
Community Centre	0.00	-0.24	0.01	0.66	0.00	-0.18	-0.03	-1.75	-0.01	-0.42	0.00	-0.09	0.00	0.01
Youth Club	0.01	0.62	0.00	-0.13	0.01	1.94	0.01	0.86	0.03	2.65	0.04	3.18	0.01	1.54
Uniformed Youth Club	0.00	-0.21	-0.01	-0.63	-0.01	-1.13	-0.02	-1.35	-0.03	-1.65	-0.05	-2.76	-0.01	-0.82
Church	-0.01	-0.38	-0.01	-0.61	0.00	-0.19	0.01	0.86	-0.02	-1.07	-0.03	-1.75	-0.03	-2.90
CM female	0.09	3.47	0.05	2.83	-0.03	-1.37	-0.01	-0.35	-0.01	-0.44	-0.04	-1.12	0.03	1.26
Medium SES	0.06	1.73	0.01	0.42	0.00	0.15	0.01	0.31	0.07	1.68	0.08	1.80	0.09	3.91
Low SES	0.18	4.22	0.03	0.78	0.02	0.45	0.02	0.54	0.09	1.60	0.12	1.90	0.22	3.93
Maths at 10	-0.07	-3.22	0.00	0.23	0.01	0.66	-0.07	-3.41	-0.03	-1.22	-0.09	-2.98	-0.06	-2.94
Reading at 10	-0.02	-0.82	0.00	0.15	0.00	-0.05	0.02	0.74	-0.11	-4.23	-0.13	-4.66	-0.05	-2.84
N		971		897		979		965		978		978		978
Pseudo R-sq		0.10		0.05		0.01		0.03		0.07		0.12		0.17

## Appendix 7: Regression of age 30 outcomes on age 16 contexts and all control variables (page 3 of 3)

	ECM outcome: Making a positive contribution										ECM outcome: Economic well-being							
	Offender		Offender serious		Racial intol		No vote		No memberships		Low income		Benefits		Workless H'h		Workless H'h w children	
	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t	dF/dX	t
<b>Sub-group 1</b>																		
Sports Centre	-0.03	-1.49	-0.01	-1.24	0.00	0.55	0.01	0.77	0.00	0.08	-0.02	-0.85	-0.01	-1.20	-0.02	-1.35	-0.01	-0.70
Community Centre	-0.01	-0.48	0.00	-0.21	0.00	0.40	-0.05	-2.16	0.00	-0.24	-0.02	-0.82	0.00	0.29	0.02	1.45	0.01	0.56
Youth Club	0.06	3.67	0.02	3.45	-0.01	-1.07	0.01	0.87	-0.01	-1.27	0.01	0.46	-0.01	-0.68	-0.01	-0.84	-0.01	-0.75
Uniformed Youth Club	0.00	0.04	0.00	0.22	-0.01	-1.08	0.01	0.23	-0.02	-2.07	-0.05	-1.83	-0.05	-1.95	-0.03	-1.38	-0.01	-0.53
Church	0.00	0.00	0.00	-0.23	-0.01	-0.88	-0.05	-1.85	-0.02	-1.55	0.01	0.23	0.02	1.16	-0.02	-0.98	0.00	0.17
CM female	-0.35	-7.49	-0.13	-4.92	-0.06	-2.94	-0.06	-1.21	-0.08	-3.21	0.15	3.14	0.07	2.21	0.02	0.77	0.07	3.42
Medium SES	-0.03	-0.57	0.02	0.77	-0.04	-1.77	0.07	1.26	0.03	1.13	0.04	0.75	0.05	1.39	0.03	0.84	0.04	1.65
Low SES	0.02	0.26	0.01	0.33	-0.05	-1.52	0.09	1.12	0.01	0.13	0.00	0.01	0.09	1.73	0.03	0.61	0.03	0.93
Maths at 10	-0.04	-1.05	0.00	-0.14	-0.04	-2.15	-0.05	-1.21	-0.02	-0.87	-0.03	-0.79	-0.06	-2.11	-0.03	-0.99	-0.01	-0.56
Reading at 10	0.00	-0.07	0.00	-0.12	0.01	0.63	-0.01	-0.31	0.01	0.36	-0.05	-1.16	-0.02	-0.68	-0.02	-0.81	-0.01	-0.78
N		513		513		513		518		518		346		518		518		518
Pseudo R-sq		0.12		0.14		0.08		0.03		0.06		0.07		0.09		0.04		0.10
<b>Sub-group 2</b>																		
Sports Centre	-0.02	-1.97	0.00	-0.62	0.00	0.15	0.01	0.52	-0.01	-0.87	-0.02	-1.32	-0.01	-0.88	-0.01	-0.76	0.00	-0.48
Community Centre	-0.01	-0.51	-0.01	-0.93	-0.01	-0.62	-0.03	-1.42	-0.01	-0.87	-0.01	-0.74	0.01	0.47	0.00	0.20	-0.01	-0.77
Youth Club	0.05	4.55	0.02	4.34	-0.01	-0.83	0.00	0.41	0.00	0.58	0.01	0.66	0.00	-0.50	0.00	-0.55	0.00	0.36
Uniformed Youth Club	-0.01	-0.84	0.00	-0.30	-0.02	-2.03	-0.02	-1.08	-0.01	-0.80	-0.05	-2.34	-0.04	-2.51	-0.03	-2.10	-0.01	-1.46
Church	-0.01	-0.54	0.00	0.46	-0.02	-1.41	-0.03	-1.45	-0.01	-1.74	-0.01	-0.29	0.02	1.83	0.00	0.25	0.00	0.25
CM female	-0.32	-9.54	-0.08	-5.01	-0.06	-3.58	-0.02	-0.53	-0.08	-4.73	0.16	4.84	0.09	4.14	0.04	1.78	0.06	4.31
Medium SES	-0.04	-1.05	0.02	1.13	-0.03	-1.47	0.07	1.74	0.03	1.42	0.05	1.04	0.02	0.53	0.00	0.11	0.01	0.79
Low SES	0.05	0.92	0.05	2.24	-0.03	-1.08	0.09	1.58	0.00	0.11	0.10	1.72	0.10	2.97	0.05	1.28	0.01	0.44
Maths at 10	0.00	0.03	0.00	0.05	-0.03	-1.99	-0.01	-0.24	-0.03	-2.21	-0.03	-0.98	-0.04	-2.17	-0.04	-2.29	-0.01	-1.33
Reading at 10	0.00	0.05	0.00	-0.36	0.01	0.92	-0.01	-0.43	0.02	1.41	-0.06	-2.13	-0.02	-1.06	0.00	-0.28	-0.02	-1.48
N		965		965		966		974		979		663		978		979		979
Pseudo R-sq		0.11		0.13		0.05		0.01		0.06		0.09		0.09		0.04		0.10