

# Appendix A

## The measurement of well-being and employability in NCDS and BCS70

Unless otherwise stated, the variables described below were taken from the interviews carried out in 1999/2000. The questionnaires were the same for NCDS and BCS70 cohort members. Similar questions were asked of NCDS members in 1991.

### Well-being variables

#### Malaise Inventory

This questionnaire includes 24 questions (see below) to which respondents respond by answering yes or no. We counted the number of positive responses for all those who answered all questions and created a variable, which is generally regarded as indicative of a state of depression (8 or more positive responses).

Do you often have backache?

Do you feel tired most of the time?

Do you often feel miserable or depressed?

Do you often have bad headaches?

Do you often get worried about things?

Do you usually have difficulty falling or staying asleep?

Do you usually wake unnecessarily early in morning?

Do you wear yourself out worrying about health?

Do you often get into a violent rage?

Do people often annoy and irritate you?

- Have you had twitching of face/neck/shoulders?
- Do you often suddenly become scared for no reason?
- Are you often scared to be alone without friends near?
- Are you easily upset or irritated?
- Are you frightened of going out alone?
- Are you constantly keyed up and jittery?
- Do you suffer from indigestion?
- Do you suffer from an upset stomach?
- Is your appetite poor?
- Does every little thing get on your nerves?
- Does your heart often race like mad?
- Do you often have bad pains in your eyes?
- Are you troubled with rheumatism or fibrositis?
- Have you ever had a nervous breakdown?

### **Life satisfaction**

Respondents had to rank their life satisfaction on a scale from 0 (completely dissatisfied) to 10 (completely satisfied). The questions were the following:

How satisfied are you with the way your life has turned out so far?

How satisfied are you with where you expect to be in 10 years?

### **Employability variables**

#### **Current economic activity**

Each respondent was classified in one of the following detailed categories:

- Full-time paid employee (30 hours per week or more)
- Part-time paid employee (less than 30 hours per week)
- Full-time self-employed
- Part-time self-employed
- Unemployed seeking work
- Full-time education
- Government training scheme
- Temporarily sick/disabled
- Permanently sick/disabled
- Looking after home/family

Wholly retired

Employed but status unclear

Self-employed, not known if ft/pt

Employed, but unpaid

Voluntary work

Part-time education

Travelling

Other

### **Employed (current)**

A simple yes/no variable indicates whether the respondent is employed or not.

### **Current hours worked**

Usual weekly hours worked (exc. meal breaks but incl. overtime).

### **Current occupation**

The Standard Occupational Classification was used to classify the occupations of people in employment. The categories used for analysis were:

Managers and administrators

Professional occupations

Associate professional and technical occupations

Clerical and secretarial occupations

Craft and related occupations

Personal and protective service occupations

Sales occupations

Plant and machine operatives

Other occupations

**Current Sector**

The Standard Industrial Classification (1992) was used for classification of economic activities. The categories used for analysis were:

Agriculture, hunting and forestry and fishing

Mining and quarrying

Manufacturing

Electricity, gas and water supply

Construction

Wholesale and retail trade, repairs

Hotels and restaurants

Transport, storage and communication

Financial intermediation

Real estate, renting and business activities

Public administration and defence, compulsory social security

Education

Health and social work

Other community, social and personal services

Private households/international organisation

**Current contractual status**

Not employed

Permanent job

Seasonal, temporary or casual job

Fixed-term contract

Self-employed

**Current earnings**

We have four measures of pay: monthly and hourly net and gross pay. (Hourly pay is based on the usual number of hours worked). For the regression analyses reported here we use hourly gross pay.

**Experience of unemployment**

Whether had two or more spells of unemployment since the age of 16.

**Experience of employment**

Percentage of time spent in employment since the age of 16.

### **Training experience**

Number of work related training courses attended since joining the labour market.

### **Educational variables**

The highest qualification obtained was categorised as follows:

None

Some qualifications (NVQ 1)

O'-level or vocational equivalent (NVQ 2)

A'-level or vocational equivalent (NVQ 3)

Other higher qualification, degree (NVQ 4)

Higher degree (NVQ 5)

### **Family resources**

These were all obtained from previous waves of NCDS and BCS70. For this reason, the variables may slightly differ between the two cohorts. They all concern the situation of the parents of the respondent when the latter was 16 years old.

#### **Parental education**

Whether the parents left school at the legal minimum age.

#### **Parental social class**

#### **Housing tenure**

#### **Number of siblings**

#### **Age of mother at birth of respondent**



# Appendix B

## Details of the specification of regression models

The following variables were included in all specifications (some were subsequently dropped if they were statistically insignificant):

Personal characteristics:

### **Qualifications**

Mathematics test scores

Taken when respondent was 11 years in NCDS, 10 years old in BCS.

### **Employment history:**

Has had two or more jobs

BCS: Constructed by counting spells of employment reported since 1986 or since the first reported spell (of anything).

NCDS: calculated using *ACCNCDs*<sup>88</sup>, counting the number of employment spells started.

Has had two or more spells of unemployment

Same as for employment spells

Number of work related training courses

Used answer to question 'how many work related training provided by an employer which lasted for three days or more have you done'

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<sup>88</sup> *ACCNCDs* is a software package designed to process dated work and life history event information contained in the 1991 sweep of the National Child Development Study, summarising these data and making them amenable to basic statistical analysis (Elias, 1995).

**Family background:**

Father's social class when respondent was 16

Taken from the relevant wave

Housing tenure when respondent was 16

Taken from the relevant wave

Age at which father (mother) left school

**Family structure:**

Partnership status

BCS: Combines answers to questions about marital status, whether there is a partner in the household and the current economic status of the partner

NCDS: Combines answers to questions about marital status, whether respondents are married cohabiting or other, and the current economic status of the partner

Number of children in household

This is calculated from the household grid. Children are: own children, adopted children, child of current spouse/partner, child of previous spouse/partner (BCS only), and fostered child.

Age of youngest child in household

The following variables appear on some specifications:

Mother's status when respondent was 16 (Employment equations)

Tenure in current job (Earnings equations)

BCS: calculated as the number of months since the start date of the current spell of employment.

NCDS: calculated using *ACCNCDS* (Elias, 1994)

Works part-time (Earnings equations)

Part-time: less than 30 hours

NCDS: Calculated from 'number of number of hours usually worked for that pay including paid overtime, excluding meal breaks'

BCS: From number of hours usually worked excluding meal breaks and overtime, number of hours of overtime usually worked, and number of hours of unpaid overtime.

Partner's net pay per month (Employment equations)

Pay above median (Malaise and Life Satisfaction equations)

Binary variable: the median pay is calculated for each gender, the variable is equal to one if the individual's pay is higher than the median.

Employment (Malaise and Life Satisfaction equations)

From question on current economic activity

Health (All specifications except Malaise equations, dropped when not significant)



# Appendix C

## Tables of results

**Table C.1 Employment probability (Men)**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Qualifications		
CSE 2-5/NVQ1 equivalent	0.361 (3.557)**	-0.051 (0.422)
O' Levels/NVQ2 equivalent	0.249 (2.604)**	0.006 (0.059)
A' Levels/NVQ3 equivalent	0.401 (3.546)**	0.142 (1.416)
Higher qualification/degree/NVQ4 equivalent	0.630 (5.400)**	0.634 (5.556)**
Higher degree/NVQ5,6 equivalent	0.960 (3.698)**	1.075 (5.299)**
Missing	0.293 (1.101)	- -
Mother's status when age 16		
Missing	-0.034 (0.241)	-0.223 (2.973)**
Not working	-0.028 (0.364)	-0.200 (1.959)
Percentage time spent in employment since 16 yrs	0.019 (13.869)**	0.026 (19.239)**
Unemployment		
Has had two or more spells	-0.735 (10.832)**	-0.437 (4.821)**
Missing	-1.062 (4.155)**	- -

Continued

Table C.1 Continued

	NCDS-1991	BCS-1999
Number of work related training courses	0.027 (1.861)	0.026 (2.379)*
Mathematics test score at 10/11		
Missing	0.057 (0.591)	-0.057 (0.606)
25-50%	-0.019 (0.215)	0.027 (0.266)
50-75%	0.291 (2.870)**	0.107 (1.060)
Top 25%	0.221 (2.077)*	0.217 (1.999)*
Partnership status		
Married and spouse does not work	0.373 (4.194)**	0.131 (1.277)
Married and spouse works	0.747 (7.796)**	0.692 (6.540)**
Cohabiting and partner does not work	-0.036 (0.238)	0.174 (1.403)
Cohabiting & partner works	0.497 (3.682)**	0.493 (5.056)**
Other	-0.042 (0.348)	-0.108 (0.880)
Missing	1.024 (3.964)**	- -
Number of children aged between 5 & 15 in household	-0.117 (3.512)**	-0.221 (4.315)**
Father schooling		
Missing	0.024 (0.180)	- -
Left school at 16-17	0.091 (0.629)	0.101 (1.178)
Left school at 18 or over	0.130 (1.052)	0.185 (1.799)
Reports fair/poor health	-0.617 (8.453)**	-0.348 (4.636)**
Constant	-0.554 (3.839)**	-0.741 (4.735)**
Observations	4952	4664
Pseudo R-squared	0.318	0.337

Notes (valid for all subsequent tables):

1 \* significant at 5% level; \*\* significant at 1% level.

2 T-ratios in parentheses.

**Table C.2 Employment probability (Women)**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Qualifications		
CSE 2-5/NVQ1 equivalent	0.125 (1.401)	0.277 (3.142)**
O' Levels/NVQ2 equivalent	0.078 (0.931)	0.167 (2.355)*
A' Levels/NVQ3 equivalent	0.181 (1.791)	0.198 (2.303)*
Higher qualification/degree/NVQ4 equivalent	0.644 (6.411)**	0.775 (9.095)**
Higher degree/NVQ5,6 equivalent	1.056 (3.783)**	1.344 (6.818)**
Missing	0.701 (2.505)*	
Mother's status when age 16		
Missing	0.101 (0.518)	-0.001 (0.014)
Not working	-0.043 (0.725)	-0.206 (2.884)**
Percentage time spent in employment since 16 yrs		
	0.028 (21.576)**	0.027 (24.056)**
Unemployment		
Has had two or more spells	-0.202 (2.428)*	-0.042 (0.334)
Missing	-0.451 (1.641)	
Number of work related training courses		
	0.035 (2.489)*	0.019 (1.916)
Mathematics test score at 10/11		
Missing	0.122 (1.391)	0.107 (1.523)
25-50%	0.077 (0.993)	0.158 (2.104)*
50-75%	-0.012 (0.155)	0.129 (1.742)
Top 25%	0.106 (1.221)	0.291 (3.340)**

Continued

Table C.2 Continued

	NCDS-1991	BCS-1999
Partnership status		
Married and spouse does not work	-0.362 (2.920)**	-0.184 (1.262)
Married and spouse works	0.025 (0.277)	0.353 (4.889)**
Cohabiting and partner does not work	-0.670 (3.776)**	-0.078 (0.518)
Cohabiting and partner works	0.277 (2.032)*	0.450 (5.605)**
Other	-0.182 (1.674)	-0.114 (1.183)
Missing	1.369 (5.054)**	
Housing tenure when respondent was 16		
Missing	-0.003 (0.016)	-0.057 (1.010)
Publicly rented	0.149 (2.310)*	-0.194 (2.010)*
Privately rented	0.223 (1.551)	0.178 (0.780)
Other	-0.154 (1.237)	0.179 (0.687)
Number of children younger than 2 in household		
	-0.912 (13.641)**	-1.120 (19.736)**
Number of children aged between 2 and 4 in household		
	-0.550 (11.996)**	-0.509 (11.630)**
Number of children aged between 5 & 15 in household		
	0.062 (1.923)	0.078 (1.945)
Age of youngest child in household		
	0.020 (2.245)*	-0.039 (3.358)**
Father's social class when respondent was 16		
Missing	0.080 (0.849)	0.027 (0.301)
i – Professional	0.187 (1.411)	0.440 (2.888)**
ii – Manager	0.231 (2.896)**	0.204 (2.391)*
iiinm – Skilled non-manual	0.106 (1.044)	-0.014 (0.123)
iv – Skilled manual	0.140 (1.560)	0.126 (1.039)
v – Unskilled	-0.062 (0.459)	0.097 (0.472)

Continued

**Table C.2 Continued**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Partners' annual net wage (£*100)	-0.0003 (2.291)*	-0.001 (3.659)**
Reports fair/poor health	-0.227 (3.280)**	-0.322 (5.072)**
Constant	-1.308 (8.728)**	-1.127 (8.517)**
Observations	4174	5154
Pseudo R-squared	0.294	0.358

**Table C.3 Earnings (Men)**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Qualifications		
CSE 2-5/NVQ1 equivalent	0.112 (4.058)**	-0.031 (0.991)
O' Levels/NVQ2 equivalent	0.167 (6.354)**	0.040 (1.557)
A' Levels/NVQ3 equivalent	0.227 (8.308)**	0.083 (3.231)**
Higher qualification/degree/NVQ4 equivalent	0.400 (14.462)**	0.255 (9.401)**
Higher degree/NVQ5,6 equivalent	0.459 (9.833)**	0.358 (7.598)**
Missing	0.158 (2.403)*	- -
Percentage time spent in employment since 16 yrs	0.001 (2.251)*	0.001 (2.236)*
Unemployment		
Has had two or more spells	-0.170 (8.246)**	-0.159 (5.096)**
Missing	-0.121 (1.359)	- -
Number of work related training courses	0.019 (12.051)**	0.014 (9.770)**

Continued

Table C.3 Continued

	NCDS-1991	BCS-1999
Father schooling		
Missing	-0.011 (0.266)	- -
Left school at 16-17	-0.014 (0.540)	0.107 (5.837)**
Left school at 18 or over	0.094 (3.546)**	0.129 (5.574)**
Mathematics test score at 10/11		
Missing	0.080 (3.366)**	0.105 (4.296)**
25-50%	0.037 (1.725)	0.068 (2.858)**
50-75%	0.085 (3.972)**	0.127 (5.357)**
Top 25%	0.173 (7.570)**	0.181 (7.462)**
Partnership status		
Married and spouse does not work	0.091 (3.873)**	0.192 (7.091)**
Married and spouse works	0.066 (3.194)**	0.117 (6.108)**
Cohabiting and partner does not work	0.032 (0.665)	0.079 (2.326)*
Cohabiting and partner works	0.008 (0.281)	0.074 (3.682)**
Other	0.047 (1.381)	0.050 (1.429)
Missing	0.168 (2.972)**	0.183 (0.766)
Housing tenure when respondent was 16		
Missing	0.029 (0.687)	-0.005 (0.284)
Publicly rented	-0.025 (1.427)	-0.116 (3.076)**
Privately rented	-0.015 (0.450)	-0.034 (0.443)
Other	-0.067 (1.676)	-0.106 (1.194)
Number of children aged between 2 and 4 in household	0.006 (0.466)	-0.034 (1.926)
Number of children older than 16	-0.004 (0.088)	-0.214 (3.290)**

Continued

**Table C.3 Continued**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Father's social class when respondent was 16		
Missing	0.015 (0.503)	-0.028 (1.465)
i – Professional	0.032 (0.868)	0.032 (0.751)
ii – Manager	0.049 (2.184)*	0.041 (1.537)
iiinm – Skilled non-manual	0.081 (3.066)**	-0.012 (0.339)
iv – Skilled manual	-0.022 (0.938)	0.002 (0.059)
v – Unskilled	-0.034 (0.840)	-0.019 (0.250)
Reports fair/poor health	-0.067 (3.222)**	-0.060 (2.876)**
Constant	1.468 (30.782)**	1.707 (33.107)**
Observations	3337	3472
Adjusted R-squared	0.293	0.218

**Table C.4 Earnings (Women)**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Works part-time	-0.146 (8.587)**	-0.093 (4.583)**
Tenure in current job (months)	0.001 (8.944)**	0.001 (4.430)**
Qualifications		
CSE 2-5/NVQ1 equivalent	0.064 (2.246)*	0.039 (1.302)
O' Levels/NVQ2 equivalent	0.111 (4.276)**	0.042 (1.744)
A' Levels/NVQ3 equivalent	0.202 (6.514)**	0.079 (2.848)**
Higher qualification/degree/NVQ4 equivalent	0.482 (16.884)**	0.267 (10.092)**
Higher degree/NVQ5,6 equivalent	0.521 (7.648)**	0.361 (7.627)**
Missing	0.134 (2.021)*	- -

Continued

Table C.4 Continued

	NCDS-1991	BCS-1999
Percentage time spent in employment since 16 yrs	0.0003 (0.601)	0.0003 (0.741)
Unemployment		
Has had two or more spells	-0.059 (2.159)*	-0.184 (4.218)**
Missing	-0.066 (0.621)	- -
Number of work related training courses	0.021 (9.260)**	0.014 (7.357)**
Mother schooling		
Missing	-0.067 (1.232)	- -
Left school at 16-17	-0.005 (0.193)	0.043 (2.697)**
Left school at 18 or over	0.028 (1.032)	0.100 (4.126)**
Mathematics test score at 10/11		
Missing	0.058 (2.291)*	0.106 (4.532)**
25-50%	0.005 (0.205)	0.092 (4.106)**
50-75%	0.066 (2.892)**	0.127 (5.676)**
Top 25%	0.114 (4.573)**	0.230 (9.423)**
Partnership status		
Married and spouse does not work	0.012 (0.285)	-0.063 (0.987)
Married and spouse works	0.043 (1.836)	0.002 (0.090)
Cohabiting and partner does not work	0.053 (0.790)	-0.115 (2.090)*
Cohabiting and partner works	0.075 (2.481)*	-0.012 (0.601)
Other	-0.020 (0.646)	0.026 (0.827)
Missing	0.126 (2.213)*	- -

Continued



Table C.4 Continued

	NCDS-1991	BCS-1999
Housing tenure when respondent was 16		
Missing	0.058 (0.987)	-0.023 (1.444)
Publicly rented	-0.026 (1.414)	-0.069 (2.348)*
Privately rented	0.002 (0.065)	-0.089 (1.555)
Other	0.051 (1.248)	-0.070 (0.939)
Number of children younger than 2 in household		
	0.098 (4.288)**	0.022 (1.049)
Number of children aged between 2 and 4 in household		
	0.0003 (0.022)	-0.027 (1.590)
Number of children aged between 5 and 15 in household		
	-0.049 (4.777)**	-0.075 (4.683)**
Age of youngest child in household		
	-0.009 (3.763)**	-0.008 (2.097)*
Father's social class when respondent was 16		
Missing	0.046 (1.657)	0.005 (0.279)
i – Professional	0.138 (3.662)**	0.102 (2.705)**
ii – Manager	0.022 (0.962)	0.041 (1.801)
iiinm – Skilled non-manual	0.015 (0.512)	0.025 (0.756)
iv – Skilled manual	-0.027 (1.099)	-0.045 (1.286)
v – Unskilled	-0.044 (1.109)	-0.042 (0.742)
Constant	1.297 (28.001)**	1.671 (35.959)**
Observations	2784	3234
Adjusted R-squared	0.488	0.292

Table C.5 Earnings women (Heckman correction)

	NCDS-1991		BCS-1999	
	lnhpay	employed	lnhpay	employed
Works part-time	-0.148 (8.300)**		-0.103 (4.878)**	
Tenure in current job (months)	0.001 (7.837)**		0.001 (3.872)**	
Qualifications				
CSE 2-5/NVQ1 equivalent	0.052 (1.748)	0.105 (1.126)	0.035 (1.153)	0.271 (2.797)**
O' Levels/NVQ2 equivalent	0.092 (3.338)**	0.065 (0.741)	0.044 (1.742)	0.162 (2.090)*
A' Levels/NVQ3 equivalent	0.192 (5.883)**	0.144 (1.351)	0.078 (2.693)**	0.192 (2.035)*
Higher qualification/degree/ NVQ4 equivalent	0.457 (14.244)**	0.676 (6.527)**	0.249 (8.677)**	0.756 (8.427)**
Higher degree/NVQ5,6 equivalent	0.445 (5.641)**	1.114 (4.107)**	0.319 (6.243)**	1.404 (6.372)**
Missing	0.119 (1.622)	0.566 (2.307)*	- -	- -
Percentage time spent in employment since 16 yrs	-0.001 (1.059)	0.030 (23.281)**	-0.0004 (0.730)	0.028 (22.962)**
Unemployment				
Has had two or more spells	-0.068 (2.419)*	-0.210 (2.390)*	-0.187 (4.251)**	-0.065 (0.459)
Missing	-0.007 (0.065)	-0.531 (1.724)	- -	- -
Number of work related training courses	0.020 (8.344)**	0.049 (3.634)**	0.014 (7.243)**	0.022 (2.169)*
Mother schooling				
Missing	-0.046 (0.799)	0.346 (1.379)	- -	- -
Left school at 16-17	0.024 (0.908)	-0.058 (0.613)	0.046 (2.773)**	-0.035 (0.563)
Left school at 18 or over	0.041 (1.467)	0.148 (1.447)	0.095 (3.816)**	0.072 (0.737)

Continued

Table C.5 Continued

	NCDS-1991		BCS-1999	
	lhpay	employed	Inhpay	employed
Mathematics test score at 10/11				
Missing	0.055 (2.017)*	0.151 (1.693)	0.093 (3.821)**	0.054 (0.669)
25-50%	-0.002 (0.088)	0.126 (1.534)	0.084 (3.566)**	0.133 (1.710)
50-75%	0.062 (2.563)*	0.038 (0.463)	0.118 (5.063)**	0.149 (1.907)
Top 25%	0.114 (4.324)**	0.129 (1.388)	0.218 (8.506)**	0.306 (3.337)**
Partnership status				
Married and spouse does not work	0.036 (0.852)	-0.333 (2.467)*	-0.067 (1.021)	-0.152 (0.898)
Married and spouse works	0.052 (2.231)*	0.078 (0.765)	0.004 (0.201)	0.402 (4.888)**
Cohabiting and partner does not work	0.081 (1.245)	-0.580 (2.983)**	-0.109 (1.932)	0.014 (0.088)
Cohabiting and partner works	0.051 (1.599)	0.357 (2.518)*	-0.016 (0.787)	0.480 (5.175)**
Other	-0.006 (0.207)	-0.150 (1.287)	0.030 (0.945)	-0.127 (1.209)
Missing	0.117 (1.706)	1.463 (5.772)**		-6.741 (0.000)
Housing tenure when respondent was 16				
Missing	0.044 (0.701)	-0.139 (0.519)	-0.024 (1.423)	-0.054 (0.859)
Publicly rented	-0.045 (2.273)*	0.135 (1.965)*	-0.066 (2.178)*	-0.166 (1.604)
Privately rented	-0.015 (0.411)	0.255 (1.766)	-0.088 (1.523)	-0.027 (0.122)
Other	0.019 (0.444)	-0.220 (1.566)	-0.078 (1.034)	0.240 (0.839)
Number of children younger than 2 in household				
	0.124 (4.122)**	-0.941 (13.629)**	0.056 (2.146)*	-1.127 (18.645)**
Number of children aged between 2 and 4 in household				
	0.029 (1.366)	-0.598 (12.041)**	-0.019 (1.025)	-0.542 (11.296)**
Number of children aged between 5 and 15 in household				
	-0.053 (4.842)**	0.074 (2.243)*	-0.072 (4.374)**	0.073 (1.677)

Continued

Table C.5 Continued

	NCDS-1991		BCS-1999	
	lhpay	employed	Inhpay	employed
Age of youngest child in household	-0.010 (3.589)**	0.015 (1.584)	-0.008 (2.034)*	-0.041 (3.236)**
Father's social class when respondent was 16				
Missing	0.041 (1.429)	0.058 (0.586)	0.011 (0.597)	0.039 (0.391)
i – Professional	0.121 (3.128)**	0.207 (1.411)	0.086 (2.205)*	0.402 (2.326)**
ii – Manager	-0.003 (0.128)	0.220 (2.562)*	0.042 (1.744)	0.250 (2.669)**
iiinm – Skilled non-manual	-0.012 (0.403)	0.155 (1.415)	0.011 (0.336)	0.016 (0.124)
iv – Skilled manual	-0.026 (1.003)	0.197 (2.151)*	-0.050 (1.393)	0.145 (1.092)
v – Unskilled	-0.028 (0.664)	-0.060 (0.417)	-0.039 (0.679)	0.131 (0.613)
Mother's status when age 16				
Missing		-0.139 (0.592)		-0.014 (0.139)
Not working		-0.052 (0.852)		-0.232 (2.952)**
Partners' annual net wage (£*100)		-0.0004 (2.840)**		-0.001 (3.035)**
Number of children older than 16 in household		0.432 (2.477)*		-0.240 (0.677)
Constant	1.438 (17.666)**	-1.605 (10.271)**	1.758 (27.282)**	-1.335 (9.156)**
Observations	3699	3699	4242	4242
Rho	-0.286*		-0.178	

**Table C.6 Malaise (Men)**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Mother was younger than 20 at delivery	0.066 (0.595)	0.188 (2.715)**
Qualifications		
CSE 2-5/NVQ1 equivalent	-0.228 (1.861)	0.029 (0.286)
O' Levels/NVQ2 equivalent	-0.168 (1.537)	-0.037 (0.454)
A' Levels/NVQ3 equivalent	-0.199 (1.655)	-0.003 (0.040)
Higher qualification/degree/NVQ4 equivalent	-0.577 (4.458)**	-0.266 (2.919)**
Higher degree/NVQ5,6 equivalent	-0.434 (1.690)	-0.619 (3.123)**
Missing	0.009 (0.034)	- -
Percentage time spent in employment since 16 yrs	-0.004 (2.442)*	-0.004 (3.404)**
Unemployment		
Has had two or more spells	-0.087 (0.866)	-0.092 (0.978)
Missing	-0.043 (0.131)	- -
Number of work related training courses	0.004 (0.412)	-0.010 (1.617)
Works full-time	-0.496 (4.917)**	-0.518 (6.174)**
Works part-time	-0.647 (1.493)	-0.091 (0.316)
Wage is higher than median	-0.122 (1.406)	-0.206 (3.364)**
Partnership status		
Married and spouse does not work	-0.159 (1.440)	-0.197 (1.987)*
Married and spouse works	-0.225 (2.255)*	-0.131 (1.813)
Cohabiting and partner does not work	-0.125 (0.578)	0.079 (0.698)
Cohabiting and partner works	-0.148 (1.026)	-0.091 (1.244)
Other	0.012 (0.087)	0.005 (0.046)
Missing	-0.077 (0.281)	- -

Continued

**Table C.6 Continued**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Father's social class when respondent was 16		
Missing	-0.033 (0.386)	0.072 (1.040)
i – Professional	-0.401 (1.577)	-0.221 (1.204)
ii – Manager	0.087 (0.781)	0.002 (0.020)
iiinm – Skilled non-manual	-0.037 (0.254)	-0.261 (1.754)
iv – Skilled manual	-0.199 (1.588)	-0.129 (0.883)
v – Unskilled	0.097 (0.556)	0.037 (0.137)
Number of children younger than 2 in household	-0.163 (1.579)	-0.062 (0.811)
Constant	-0.305 (1.878)	-0.054 (0.416)
Observations	3570	3961
Pseudo R-squared	0.085	0.078

**Table C.7 Malaise (Women)**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Qualifications		
CSE 2-5/NVQ1 equivalent	-0.229 (2.679)**	0.028 (0.351)
O' Levels/NVQ2 equivalent	-0.349 (4.293)**	-0.034 (0.523)
A' Levels/NVQ3 equivalent	-0.547 (4.958)**	0.075 (0.967)
Higher qualification/degree/NVQ4 equivalent	-0.557 (5.312)**	-0.089 (1.176)
Higher degree/NVQ5,6 equivalent	-0.597 (1.709)	-0.112 (0.676)
Missing	-0.351 (1.463)	- -
Unemployment		
Has had two or more spells	0.218 (2.444)*	0.315 (2.778)**
Missing	0.181 (0.715)	- -

Continued

Table C.7 Continued

	NCDS-1991	BCS-1999
Percentage time spent in employment since 16 yrs	-0.004 (3.285)**	-0.001 (1.160)
Number of work related training courses	-0.005 (0.434)	-0.008 (1.003)
Mathematics test score at 10/11		
Missing	-0.143 (1.622)	-0.100 (1.603)
25-50%	-0.096 (1.223)	-0.093 (1.402)
50-75%	-0.124 (1.514)	-0.331 (4.849)**
Top 25%	-0.342 (3.419)**	-0.275 (3.472)**
Works full-time	-0.039 (0.429)	-0.231 (3.208)**
Works part-time	-0.008 (0.115)	-0.155 (2.297)*
Wage is higher than median	0.006 (0.072)	-0.173 (3.039)**
Partnership status		
Married & spouse does not work	0.046 (0.342)	-0.138 (0.994)
Married & spouse works	-0.219 (2.198)*	-0.281 (4.845)**
Cohabiting & partner does not work	0.325 (1.697)	-0.087 (0.645)
Cohabiting & partner works	0.035 (0.278)	-0.162 (2.557)*
Other	0.258 (2.248)*	-0.021 (0.236)
Missing	-0.336 (1.505)	- -
Housing tenure when resp. was 16		
Missing	0.098 (0.875)	0.168 (3.183)**
Publicly rented	0.166 (2.420)*	0.142 (1.684)
Privately rented	0.034 (0.239)	-0.195 (0.911)
Other	0.257 (1.846)	0.131 (0.536)

Continued

Table C.7 Continued

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Number of children younger than 2 in household	-0.129 (1.533)	-0.248 (4.099)**
Number of children aged between 2 and 4 in household	-0.053 (0.910)	-0.082 (1.828)
Number of children aged between 5 and 15 in household	-0.023 (0.666)	0.105 (2.891)**
Age of youngest child in household	0.010 (1.103)	-0.018 (1.639)
Father's social class when respondent was 16		
Missing	-0.131 (1.308)	0.070 (1.199)
i – Professional	-0.345 (1.783)	-0.023 (0.162)
ii – Manager	-0.102 (1.111)	0.049 (0.634)
iiinm – Skilled non-manual	-0.147 (1.222)	-0.145 (1.284)
iv – Skilled manual	-0.078 (0.857)	0.147 (1.383)
v – Unskilled	-0.051 (0.391)	0.084 (0.462)
Constant	-0.368 (2.486)*	-0.325 (2.718)**
Observations	4408	4920
Pseudo R-squared	0.096	0.063



**Table C.8 Life satisfaction (Men)**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Qualifications		
CSE 2-5/NVQ1 equivalent	-0.069 (0.820)	0.030 (0.402)
O' Levels/NVQ2 equivalent	-0.178 (2.306)*	-0.038 (0.639)
A' Levels/NVQ3 equivalent	-0.178 (2.234)*	-0.001 (0.019)
Higher qualification/degree/NVQ4 equivalent	-0.059 (0.756)	0.123 (1.992)*
Higher degree/NVQ5,6 equivalent	-0.114 (0.896)	0.372 (3.871)**
Missing	-0.119 (0.614)	- -
Unemployment		
Has had two or more spells	-0.090 (1.575)	-0.235 (3.710)**
Missing	-0.307 (1.104)	- -
Percentage time spent in employment since 16 yrs	0.004 (3.305)**	0.002 (1.836)
Number of work related training courses	-0.006 (1.335)	0.008 (2.724)**
Works full-time	0.177 (2.269)*	0.176 (2.632)**
Works part-time	0.176 (0.722)	0.110 (0.568)
Wage is higher than median	0.163 (3.929)**	0.250 (6.869)**
Partnership status		
Married and spouse does not work	0.705 (10.726)**	0.398 (6.511)**
Married and spouse works	0.622 (9.812)**	0.418 (7.672)**
Cohabiting and partner does not work	0.210 (1.579)	0.122 (1.521)
Cohabiting and partner works	0.327 (3.669)**	0.207 (3.657)**
Other	-0.279 (2.843)**	-0.039 (0.535)
Missing	0.752 (3.097)**	-0.170 (2.111)*

Continued

**Table C.8 Continued**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Number of children younger than 2 in household	0.085 (1.834)	0.121 (2.566)*
Partner's annual wage (£*100)	0.001 (1.385)	0.001 (2.594)**
Reports fair/poor health	-0.432 (7.401)**	-0.434 (9.260)**
Observations	3315	4142
Pseudo R-squared	0.047	0.040

**Table C.9 Life satisfaction (Women)**

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Qualifications		
CSE 2-5/NVQ1 equivalent	-0.072 (0.893)	0.138 (2.060)*
O' Levels/NVQ2 equivalent	-0.073 (1.012)	0.063 (1.195)
A' Levels/NVQ3 equivalent	-0.079 (0.987)	0.043 (0.711)
Higher qualification/degree/NVQ4 equivalent	-0.067 (0.882)	0.136 (2.404)*
Higher degree/NVQ5,6 equivalent	0.073 (0.444)	0.201 (2.102)*
Missing	0.103 (0.582)	- -
Unemployment		
Has had two or more spells	-0.226 (3.517)**	-0.308 (3.481)**
Missing	0.154 (0.553)	
Percentage time spent in employment since 16 yrs	0.003 (2.875)**	0.001 (1.565)
Number of work related training courses	0.006 (1.114)	0.007 (1.620)
Works full-time	-0.152 (2.529)*	-0.053 (1.001)
Works part-time	-0.118 (2.290)*	-0.142 (2.666)**

Continued

Table C.9 Continued

	NCDS-1991	BCS-1999
Wage is higher than median	0.069 (1.346)	0.142 (3.628)**
Partnership status		
Married and spouse does not work	0.252 (2.564)*	0.233 (1.993)*
Married and spouse works	0.627 (9.959)**	0.525 (11.000)**
Cohabiting and partner does not work	-0.097 (0.635)	0.148 (1.353)
Cohabiting and partner works	0.241 (2.901)**	0.299 (5.984)**
Other	-0.467 (5.760)**	-0.091 (1.441)
Missing	-0.065 (0.303)	-0.630 (10.677)**
Housing tenure when respondent was 16		
Missing	0.031 (0.397)	-0.055 (1.496)
Publicly rented	-0.023 (0.478)	-0.075 (1.196)
Privately rented	0.050 (0.521)	0.342 (2.818)**
Other	-0.157 (1.572)	0.139 (0.815)
Number of children younger than 2 in household	0.021 (0.429)	0.126 (2.989)**
Number of children aged between 5 and 15 in household	0.007 (0.296)	-0.047 (1.714)
Father's social class when respondent was 16		
Missing	0.008 (0.106)	-0.052 (1.230)
i – Professional	0.093 (1.128)	0.036 (0.445)
ii – Manager	-0.062 (1.106)	-0.058 (1.120)
iiinm – Skilled non-manual	0.089 (1.271)	-0.120 (1.656)
iv – Skilled manual	0.078 (1.119)	-0.021 (0.266)
v – Unskilled	0.006 (0.053)	-0.133 (0.944)

Continued

Table C.9 Continued

	<b>NCDS-1991</b>	<b>BCS-1999</b>
Partner's annual wage (£*100)	0.00004 (0.401)	0.0003 (2.288)*
Reports fair/poor health	-0.374 (6.947)**	-0.452 (0.045)**
Observations	3512	4570
Pseudo R-squared	0.042	0.034