

Table DS1 Relationship between individual factors and incident episodes

	Whole cohort ¹ (n=651)	Incident mental ill-health (excluding problem behaviour, dementia and delirium) ² 74 events (11.4%)		Incident problem behaviour ² 30 events (4.6%)	
Group 1: Personal factors					
Age, years: mean (s.d.)					
Incident cases		48.6 (12.6)		41.9 (9.9)	
Non-incident cases		46.2 (14.5)	P=0.156	46.5 (14.1)	P=0.022
Gender, n (%)					
Male	355 (54.5)	42 (11.8)		19 (5.4)	
Female	296 (45.5)	32 (10.8)	P=0.910	11 (3.7)	P=0.366
Intellectual disability, n (%)					
Mild	254 (39.0)	25 (9.8)		9 (3.5)	
Moderate	140 (21.5)	25 (17.9)		9 (6.4)	
Severe	126 (19.4)	15 (11.9)	P=0.384	4 (3.2)	P=0.005
Profound	131 (20.1)	9 (6.9)		8 (6.1)	
Down syndrome, n (%)					
No	517 (79.4)	65 (12.6)		25 (4.8)	
Yes	134 (20.6)	9 (6.7)	P=0.023	5 (3.7)	P=0.340
Mental ill health in the past, n (%)					
No	523 (80.3)	46 (8.8)		23 (4.4)	
Yes	128 (19.7)	28 (21.9)	P<0.001	7 (5.5)	P=0.378
Family history of mental ill-health, n (%)					
No	609 (93.5)	69 (11.3)		29 (4.8)	
Yes	42 (6.5)	5 (11.9)	P=0.952	1 (2.4)	P=0.518
Group 2: Past experiences					
Former long-stay hospital resident, n (%)					
No	540 (82.9)	57 (10.6)		22 (4.1)	
Yes	111 (17.1)	17 (15.3)	P=0.124	8 (7.2)	P=0.046
Outwith family home in childhood, n (%)					
No	487 (74.8)	54 (11.1)		19 (3.9)	
Yes	164 (25.2)	20 (12.2)	P=0.603	11 (6.7)	P=0.060
Death of parent in childhood, n (%)					
No	550 (84.5)	61 (11.1)		27 (4.9)	
Yes	101 (15.5)	13 (12.9)	P=0.566	3 (3.0)	P=0.424
Divorce of parents in childhood, n (%)					
No	615 (94.5)	70 (11.4)		24 (3.9)	
Yes	36 (5.5)	4 (11.1)	P=0.922	6 (16.7)	P<0.001
Abuse/adversity in childhood, n (%)					
No	428 (65.7)	43 (10.0)		20 (4.7)	
Yes	223 (34.3)	31 (13.9)	P=0.126	10 (4.5)	P=0.877
Abuse/adversity in adulthood, n (%)					
No	571 (87.7)	60 (10.5)		29 (5.1)	
Yes	80 (12.3)	14 (17.5)	P=0.017	1 (1.3)	P=0.140
Group 3: Lifestyle and supports					
Accommodation/support, n (%)					
Family carer	258 (39.7)	14 (5.4)		5 (1.9)	
Independent	51 (7.8)	9 (17.6)		3 (5.9)	
Paid carer	297 (45.7)	43 (14.5)	P=0.001	18 (2.7)	P=0.004
Congregate	44 (6.8)	8 (18.2)		4 (9.1)	
Daytime job/occupation, n (%)					
Has job	499 (76.8)	59 (11.8)		24 (4.8)	
No job	151 (23.2)	15 (9.9)	P=0.735	6 (4.0)	P=0.731

Table DSI (continued)

	Whole cohort ¹ (n=651)	Incident mental ill-health (excluding problem behaviour, dementia and delirium) ² 74 events (11.4%)		Incident problem behaviour ² 30 events (4.6%)	
Group 3: Lifestyle and supports (continued)					
Deprivation quintile, n (%)					
Most affluent	107 (16.4)	12 (11.2)		6 (5.6)	
2	54 (8.3)	3 (5.6)		2 (3.7)	
3	56 (8.6)	6 (10.7)	P=0.629	1 (1.8)	P=0.724
4	72 (11.1)	11 (15.3)		4 (5.6)	
Most deprived	362 (55.6)	42 (11.6)		17 (4.7)	
Marital status, n (%)					
Married/partner	84 (13.0)	11 (13.1)	P=0.548	7 (8.3)	P=0.108
No live-in partner	563 (87.0)	63 (11.2)		23 (4.1)	
Smoker, n (%)					
No	581 (89.7)	63 (10.8)	P=0.077	29 (5.0)	P=0.190
Yes	67 (10.3)	11 (16.4)		1 (1.5)	
Life events in previous 12 months: mean (s.d.)					
Incident cases		1.3 (1.2)	P=0.028	1.5 (1.5)	P=0.015
Non-incident cases		1.0 (1.0)		1.0 (1.0)	
Group 4: Health and disabilities					
Visual impairment, n (%)					
No	349 (53.6)	43 (12.3)	P=0.410	19 (5.4)	P=0.402
Yes	302 (46.4)	31 (10.3)		11 (3.6)	
Hearing impairment, n (%)					
No	457 (70.2)	47 (10.3)	P=0.175	20 (4.4)	P=0.586
Yes	194 (29.8)	27 (13.9)		10 (5.2)	
Bowel incontinence, n (%)					
No	499 (76.8)	59 (11.8)	P=0.735	24 (4.8)	P=0.773
Yes	151 (23.2)	15 (9.9)		6 (4.0)	
Urinary incontinence, n (%)					
No	436 (67.1)	45 (10.3)	P=0.182	19 (4.1)	P=0.244
Yes	214 (32.9)	29 (13.6)		11 (5.1)	
Impaired mobility, n (%)					
No	508 (78.2)	66 (13.0)	P=0.012	24 (4.7)	P=0.978
Yes	142 (21.8)	8 (5.6)		6 (4.2)	
Severe physical disability, n (%)					
No	619 (95.1)	73 (11.8)	P=0.135	29 (4.7)	P=0.593
Yes	31 (4.8)	1 (3.2)		1 (3.2)	
Epilepsy, n (%)					
No	424 (66.6)	44 (10.4)	P=0.225	22 (5.2)	P=0.592
Yes	213 (33.4)	30 (14.1)		8 (3.8)	
Special communication needs, n (%)					
No	334 (51.8)	38 (11.4)	P=0.963	12 (3.6)	P=0.083
Yes	311 (48.2)	35 (11.3)		18 (5.8)	

1. Percentages for whole cohort indicate prevalence of characteristic at time 1; other percentages indicate prevalence of incident ill-health.

2. Values of *P* are from χ^2 -test or *t*-test as appropriate.