

Table 4: Determinants of moving into sheltered accommodation (full model)

	Model 1 (Demographic variables)	Model 2 (+ Health variables)	Model 3 (+ Service use variables)	Model 4 (+ Socio-economic variables)	Model 5 (+ wave and region)
Gender					
Male (ref)	1	1	1	1	1
Female	1.01 (0.72-1.42)	0.97 (0.69-1.37)	0.94 (0.67-1.33)	0.83 (0.57-1.23)	0.79 (0.53-1.18)
Age group					
65-74 (ref)	1	1	1	1	1
75-79	1.99** (1.30-3.06)	1.93** (1.26-2.96)	1.82** (1.18-2.80)	1.59* (1.02-2.49)	1.62* (1.03-2.54)
80-84	2.83*** (1.82-4.40)	2.66*** (1.70-4.15)	2.43*** (1.54-3.83)	1.75* (1.08-2.82)	1.68* (1.03-2.73)
85-89	4.30*** (2.63-7.05)	3.86*** (2.33-6.39)	3.28*** (1.94-5.54)	1.92* (1.10-3.36)	1.99* (1.13-3.50)
90+	4.43*** (2.02-9.70)	4.05** (1.82-8.98)	3.19** (1.39-7.32)	1.81 (0.75-4.37)	1.70 (0.69-4.16)
Household typology					
Living with other people (ref)	1	1	1	1	1
Living alone	6.26*** (2.82-13.90)	6.11*** (2.80-13.20)	5.89*** (2.67-12.98)	2.16 (0.91-5.14)	1.97 (0.80-4.80)
Marital status					
Married or living as couple (ref)	1	1	1	1	1
Widowed	0.45 (0.20-1.00)	0.45* (0.20-1.00)	0.45 (0.20-1.00)	0.53 (0.22-1.26)	0.57 (0.23-1.38)
Divorced/ separated	0.34* (0.12-0.97)	0.35* (0.12-0.98)	0.36 (0.12-1.02)	0.30* (0.10-0.90)	0.35 (0.11-1.06)
Single never married	0.66 (0.23-1.92)	0.66 (0.23-1.91)	0.66 (0.22-1.92)	0.50 (0.16-1.52)	0.53 (0.17-1.65)
Number of natural ever born children					
None (ref)	1	1	1	1	1
One child	1.66 (0.88-3.14)	1.64 (0.87-3.11)	1.58 (0.83-3.00)	1.62 (0.85-3.10)	1.59 (0.83-3.06)
Two children	1.63 (0.87-3.03)	1.60 (0.86-2.98)	1.57 (0.84-2.94)	1.31 (0.69-2.47)	1.34 (0.71-2.54)
Three children	1.51 (0.77-2.94)	1.49 (0.76-2.90)	1.45 (0.74-2.85)	1.53 (0.77-3.05)	1.55 (0.77-3.09)

Four children	1.36 (0.59-3.14)	1.31 (0.57-3.02)	1.24 (0.53-2.87)	1.15 (0.49-2.73)	1.12 (0.47-2.66)
Five children	1.29 (0.41-4.01)	1.30 (0.42-4.04)	1.23 (0.39-3.84)	1.10 (0.34-3.55)	1.21 (0.37-3.92)
Six or more children	2.34 (0.92-5.94)	2.32 (0.91-5.90)	2.34 (0.91-6.01)	1.98 (0.74-5.25)	1.99 (0.75-5.31)
GHQ score	-				
0-3 (ref)		1	1	1	1
4-6		2.04 (0.80-5.22)	2.22 (0.86-5.69)	2.25 (0.85-5.94)	2.11 (0.79-5.62)
7-9		1.65 (0.68-4.01)	1.85 (0.75-4.53)	1.74 (0.69-4.37)	1.68 (0.66-4.23)
10-12		1.18 (0.50-2.74)	1.45 (0.61-3.42)	1.39 (0.58-3.34)	1.34 (0.55-3.23)
Change in GHQ score between t0 and t1	-				
Otherwise (ref)		1	1	1	1
Score deteriorated		1.28 (0.84-1.96)	1.16 (0.76-1.79)	1.11 (0.71-1.73)	1.10 (0.70-1.73)
Change in health status between t0 and t1	-				
Otherwise (ref)		1	1	1	1
Status deteriorated		0.81 (0.49-1.33)	0.81 (0.49-1.33)	0.76 (0.45-1.28)	0.75 (0.44-1.27)
Change in health problems between t0 and t1	-				
Otherwise (ref)		1	1	1	1
Appearance of health problems		0.82 (0.35-1.87)	0.88 (0.38-2.03)	0.94 (0.40-2.21)	0.93 (0.39-2.18)
Disability	-				
No (ref)		1	1	1	1
Yes		0.98 (0.66-1.45)	0.81 (0.53-1.22)	0.51** (0.31-0.85)	0.53* (0.31-0.90)
Change in disability between t0 and t1	-				
Otherwise (ref)		1	1	1	1
Became disabled		0.96 (0.52-1.76)	0.81 (0.53-1.22)	0.83 (0.43-1.58)	0.90 (0.46-1.77)
Visits to GP in last 12 months	-	-			

None (ref)			1	1	1
1-2			1.89* (1.04-3.41)	2.03* (1.11-3.72)	1.91* (1.04-3.51)
3-5			1.37 (0.73-2.56)	1.45 (0.77-2.76)	1.43 (0.75-2.71)
6-10			2.27* (1.19-4.32)	2.70** (1.39-5.24)	2.50** (1.28-4.88)
10 or more			1.63 (0.80-3.29)	1.60 (0.77-3.31)	1.48 (0.71-3.07)
Hospital in-patient days in last 12 months	-	-			
None (ref)			1	1	1
Under a week			0.81 (0.43-1.52)	0.80 (0.42-1.54)	0.86 (0.44-1.66)
1-2 weeks			0.76 (0.33-1.78)	0.75 (0.31-1.78)	0.82 (0.34-1.97)
2-3 weeks			0.84 (0.30-2.37)	0.87 (0.30-2.52)	0.95 (0.32-2.80)
3-4 weeks			0.67 (0.16-2.81)	0.61 (0.13-2.52)	0.59 (0.13-2.72)
4-5 weeks			1.89 (0.64-5.51)	1.81 (0.58-5.63)	1.82 (0.57-5.85)
5-6 weeks			0.89 (0.11-6.68)	0.96 (0.12-7.56)	0.95 (0.11-7.68)
6 weeks to 1 year			0.82 (0.24-2.78)	0.97 (0.27-3.40)	1.10 (0.31-3.89)
Use of health visitor					
No (ref)			1	1	1
Yes			1.73* (1.10-2.70)	1.49 (0.94-2.37)	1.36 (0.85-2.19)
Change in use of health visitor between t0 and t1	-	-			
Otherwise (ref)			1	1	1
Started using health visitor			2.24** (1.42-3.55)	2.10** (1.30-3.39)	2.19** (1.34-3.58)
Use of meals on wheels	-	-			
No (ref)			1	1	1
Yes			1.19 (0.60-2.37)	0.99 (0.48-2.06)	1.03 (0.49-2.18)
Change in use of meals on wheels between t0 and t1	-	-			
Otherwise (ref)			1	1	1
Started using meals on wheels			0.74 (0.22-2.42)	0.55 (0.16-1.87)	0.54 (0.15-1.88)

Use of social worker	-	-			
No (ref)			1	1	1
Yes			1.12 (0.58-2.18)	1.00 (0.51-1.96)	1.05 (0.53-2.05)
Change in use of social worker between t0 and t1	-	-			
Otherwise (ref)			1	1	1
Started using social worker			0.86 (0.38-1.92)	0.75 (0.33-1.71)	0.74 (0.32-1.70)
Use of home help	-	-			
No (ref)			1	1	1
Yes			1.18 (0.71-1.96)	1.05 (0.61-1.81)	1.03 (0.59-1.79)
Change in use of home help between t0 and t1	-	-			
Otherwise (ref)			1	1	1
Started using home help			1.01 (0.49-2.08)	0.96 (0.45-2.03)	1.02 (0.48-2.18)
Access to car	-	-	-		
Yes (ref)				1	1
No				1.65 (0.97-2.78)	2.05** (1.19-3.51)
Do not drive				1.74* (1.01-3.03)	2.24** (1.27-3.96)
Housing tenure	-	-	-		
Owned outright (ref)				1	1
Owned with mortgage				1.53 (0.45-5.12)	1.60 (0.47-5.41)
Local authority or housing association rented				6.59*** (4.06-10.72)	7.45*** (4.54-12.29)
Privately rented/ rented from employer/other rented				1.99 (0.87-4.55)	1.75 (0.76-4.05)
Household income quintile	-	-	-		
1 st quintile (richest) (ref)				1	1
2 nd quintile				0.77 (0.51-1.16)	0.78 (0.51-1.19)
3 rd quintile				0.68 (0.39-1.18)	0.72 (0.41-1.27)

4 th quintile				1.12 (0.60-2.08)	1.11 (0.59-2.09)
5 th quintile (poorest)				1.37 (0.64-2.96)	1.39 (0.64-3.05)
Occupational social class	-	-	-		
Professional (ref)				1	1
Managerial and technical				1.14 (0.26-5.01)	1.24 (0.27-5.54)
Skilled manual/ non-manual				0.81 (0.18-3.65)	0.84 (0.18-3.89)
Partly skilled/ unskilled				0.73 (0.15-3.38)	0.78 (0.16-3.69)
Never had a job				0.81 (0.15-4.25)	0.87 (0.16-4.69)
Subjective financial status	-	-	-		
Living comfortably (ref)				1	1
Doing alright				1.00 (0.66-1.51)	1.04 (0.68-1.60)
Just about getting by				0.91 (0.60-1.39)	0.90 (0.58-1.38)
Highest educational qualification	-	-	-		
Degree, teaching or other higher (ref)				1	1
CSE/ O-levels/A-levels				0.71 (0.41-1.23)	0.74 (0.42-1.30)
No qualifications				0.62 (0.33-1.18)	0.62 (0.32-1.19)
Washing machine	-	-	-		
Yes (ref)				1	1
No				5.56*** (3.84-8.05)	5.23*** (3.60-7.58)
Central heating	-	-	-		
Yes (ref)				1	1
No				0.56 (0.30-1.05)	0.54 (0.29-1.02)
Disability Allowance	-	-	-		
No (ref)				1	1
Yes				1.86 (0.95-3.64)	2.09* (1.05-4.16)
Income support	-	-	-		
No (ref)				1	1

Yes				1.24 (0.79-1.94)	1.31 (0.84-2.06)
Attendance Allowance	-	-	-		
No (ref)				1	1
Yes				1.29 (0.80-2.07)	1.36 (0.84-2.20)
Second pension	-	-	-		
Yes (ref)				1	1
No				0.78 (0.54-1.13)	0.75 (0.51-1.10)
Region	-	-	-	-	
London (ref)					1
South of England					2.89** (1.41-5.92)
Rest of England & Channel Islands					1.15 (0.56-2.33)
Wales					1.28 (0.55-2.99)
LLR	1816.283	1803.656	1774.397	1508.756	1453.088

Source: BHPS, 1993-2008, Authors' calculations, N=23,589 (175 movers, 23,414 non-movers, ***p<0.001; **p<0.01; *p<0.05)

Notes: Categories of missing responses were included in the analysis but are not shown above. All variables measured at t0 unless otherwise stated. Wave was included in Model 5 and was statistically significant, but is not shown above. (-) Not included in the model.

Table 5: Determinants of moving into sheltered accommodation (model with statistically significant variables from full model)

	Number of persons aged 65+	Odds ratios (Confidence Intervals at 95% level)
Age group		
65-74 (ref)	13,798	1
75-79	4,985	1.97** (1.29-3.00)
80-84	3,119	2.35*** (1.52-3.63)
85-89	1,336	2.92*** (1.78-4.77)
90+	351	2.52* (1.13-5.60)
Disability		
No (ref)	19,399	1
Yes	4,166	0.75 (0.49-1.15)
Visits to GP in last 12 months		
None (ref)	3,687	1
1-2	7,439	2.03* (1.12-3.69)
3-5	6,322	1.59 (0.85-2.97)
6-10	3,351	3.03** (1.61-5.69)
10 or more	2,758	1.75 (0.88-3.48)
Change in use of health visitor between t0 and t1		
Otherwise (ref)	22,010	1
Started using health visitor	1,572	1.74* (1.13-2.70)
Access to car		
Yes (ref)	12,150	1
No	6,173	1.57 (0.99-2.51)
Do not drive	5,266	1.56 (0.97-2.53)
Housing tenure		

Owned outright (ref)	15,546	1
Owned with mortgage	1,473	1.37 (0.41-4.50)
Local authority or housing association rented	5,476	6.09*** (3.99-9.29)
Privately rented/ rented from employer/other rented	1,094	1.42 (0.66-3.06)
Washing machine		
Yes (ref)	20,862	1
No	2,727	5.45*** (3.87-7.68)
Disability Allowance		
No (ref)	22,210	1
Yes	1,379	1.67 (0.89-3.12)
Region		
London (ref)	1,632	1
South of England	5,325	3.30** (1.66-6.56)
Rest of England & Channel Islands	11,649	1.32 (0.67-2.58)
Wales	4,983	1.47 (0.68-3.21)
LLR		1613.461

Source: BHPS, 1993-2008, Authors' calculations, N=23,589 (175 movers, 23,414 non-movers, ***p<0.001; **p<0.01; *p<0.05)

Notes: Categories of missing responses were included in the analysis but are not shown above. All variables measured at t0 unless otherwise stated. Wave was included and statistically significant, but is not shown above.