

This Supplementary Table corresponds to Table 3 in the article.

Supplementary Table 1. Behavioral and psychological symptoms in 2000 and 2007

BPSD item	2000 <i>n/n_{total} (%)^a</i>	2007 <i>n/n_{total} (%)^a</i>	ODDS RATIO ^b	95% CONFIDEN CE INTERVAL ^b	<i>p</i> - VALUE ^b
<i>Wandering behavior</i>					
Packs up his/her things, is often on the way home	260/1934 (13.4)	278/2006 (13.9)	0.939	0.761-1.159	0.560
Often stands at the outer door wanting to go out	305/1941 (15.7)	303/2006 (15.1)	0.872	0.713-1.066	0.180
Wanders back and forth alone or with other patients	569/1942 (29.3)	561/2004 (28.0)	0.864	0.734-1.018	0.081
Hides things	460/1939 (23.7)	403/2007 (20.1)	0.722	0.605-0.863	<0.001
Does not want to go to bed	424/1933 (21.9)	488/2003 (24.4)	1.112	0.941-1.315	0.213
Overactive/ manic	294/1932 (15.2)	316/1999 (15.8)	1.014	0.839-1.225	0.887
<i>Aggressive behavior</i>					

Hits patients/staff	326/1931 (16.9)	251/2003 (12.5)	0.702	0.575-0.858	0.001
Aggressive threats (words or gestures) to patients/staff	701/1936 (36.2)	644/2003 (32.2)	0.848	0.732-0.981	0.027
Resists being dressed and undressed	712/1936 (36.8)	618/2003 (30.9)	0.819	0.696-0.964	0.016
Easily annoyed	818/1928 (42.4)	889/1996 (44.5)	1.062	0.923-1.220	0.401
Suspicious	672/1933 (34.8)	723/2001 (36.1)	0.997	0.860-1.155	0.964
Spits out drugs	439/1935 (22.7)	335/2001 (16.7)	0.714	0.597-0.854	<0.001
<i>Restless behavior</i>					
Mixes up food	422/1933 (21.8)	348/1991 (17.5)	0.818	0.684-0.979	0.028
Eats soil from potted plants, cigarette ends, etc.	57/1946 (2.9)	30/2010 (1.5)	0.598	0.371-0.966	0.035
Eats others' food	166/1942 (8.5)	124/2008 (6.2)	0.735	0.563-0.960	0.024
Tears up newspaper, etc.	202/1942 (10.4)	173/2006 (8.6)	0.893	0.704-1.132	0.348
Rolls up tablecloths	408/1936 (21.1)	341/2007 (17.0)	0.799	0.667-0.957	0.015

Piles up chairs, pushes tables, upends furniture	162/1942 (8.3)	137/2010 (6.8)	0.776	0.596-1.010	0.060
---	-------------------	-------------------	-------	-------------	-------

Verbally disruptive/ attention-seeking behavior

Shrieks and shouts continuously	425/1939 (21.9)	397/2007 (19.8)	0.909	0.764-1.081	0.280
Constantly seeks attention of the staff	1055/1932 (54.6)	1045/2003 (52.2)	0.858	0.744-0.990	0.036
Interrupted night-time sleep	1082/1910 (56.6)	1152/1992 (57.8)	1.045	0.908-1.203	0.535
Seeks help	1042/1921 (54.2)	1109/1993 (55.6)	0.984	0.850-1.140	0.830
Disturbed and restless	1101/1922 (57.3)	1163/2001 (58.1)	1.039	0.901-1.198	0.601
Complains	806/1927 (41.8)	801/1998 (40.1)	0.883	0.767-1.017	0.085

Passiveness

Does not talk spontaneously with patients/staff	869/1938 (44.8)	842/1998 (42.1)	1.012	0.863-1.188	0.882
Lacks initiative	1530/1922 (79.6)	1495/1998 (74.8)	0.884	0.738-1.059	0.181
Does not cooperate	1051/1928 (54.5)	910/1994 (45.6)	0.754	0.642-0.886	0.001

Hallucinatory symptoms

Hallucinates visually	453/1906	431/1989	0.864	0.733-1.018	0.082
-----------------------	----------	----------	-------	-------------	-------

	(23.8)	(21.7)			
Hallucinates auditorially	308/1899 (16.2)	289/1983 (14.6)	0.844	0.699-1.020	0.079
Talks to her/himself	800/1929 (41.5)	781/2005 (39.0)	0.870	0.754-1.002	0.054

Depressive symptoms

Sad	1027/1927 (53.3)	962/1993 (48.3)	0.842	0.732-0.967	0.015
Crying	519/1920 (27.0)	500/2000 (25.0)	0.931	0.796-1.090	0.376
Anxious and fearful	834/1912 (43.6)	781/1990 (39.2)	0.876	0.760-1.009	0.067

Lies in other patients' beds

Lies in other patients' beds	108/1945 (5.6)	91/2007 (4.5) (4.5)	0.798	0.582-1.094	0.161
Take things from other patients' boxes and closets	203/1937 (10.5)	179/1998 (9.0)	0.777	0.610-0.990	0.042
Undresses in the dayroom	147/1943 (7.6)	119/2007 (5.9)	0.836	0.637-1.097	0.197

Regressive/ inappropriate behavior

Unruly in bed, throws bedclothes on the floor	398/1936 (20.6)	339/2006 (16.9)	0.816	0.683-0.976	0.026
Urinate in wastepaper baskets, wash-basins or	183/1943 (9.4)	173/2011 (8.6)	0.798	0.621-1.024	0.076

on the floor

Smears faeces on	249/1939	210/2007	0.766	0.619-0.947	0.014
clothes, furniture, etc.	(12.8)	(10.5)			

^aFor each item, the number of affirmative answers is given first, then the total number of answers to the specific question, then the percentage. Prevalences correspond to people having exhibited the behavior or symptom at least once during the one-week observation time.

^bCorrected for sex, age, ADL performance (high, medium or low dependency) and level of cognitive impairment (mild, moderate or severe cognitive impairment).