

**Sensitivity Analysis from Chapter 6 (Exploratory analysis of outcomes and costs of Admiral Nursing compared to usual care) of 'Supporting carers of people with dementia: a multiple methods evaluation and feasibility study'**

**Table S1: Outcomes: regression results on sample of spouses/partners**

	Variable	ASCOT score	Self-efficacy on symptoms management	Self-efficacy on service use	Overall life satisfaction	Happiness yesterday
	Admiral nursing	0.465 (0.462)	1.794 (1.525)	2.233* (1.210)	0.238 (0.316)	0.361 (0.329)
Carer's characteristics	Female	-0.356	-2.032	-4.533***	-0.133	0.025
	55 to 64 years	-0.417	0.042	0.306	1.404*	0.375
	65 to 69 years	-0.503	0.159	2.534	1.705*	0.703
	70 to 74 years	-0.272	1.548	2.312	1.849*	1.097
	75 years or older	0.105	-1.137	-5.428	2.374**	1.104
	Bachelor's	-0.924*	-2.874	-1.266	-0.660*	-0.583
	Master's and above	-0.633	0.373	2.231	0.985	1.438*
	Full/part-time job	1.755	9.409***	5.356**	0.649	0.278
	Look after full time	0.610	1.271	2.263	0.023	0.247
	Retired	1.999***	6.504**	4.550**	0.733	0.902*
	Some difficulties	-2.310***	-3.235	-3.977**	-1.563***	-1.525***
	Severe difficulties	-2.647***	-4.960**	-4.515**	-1.441***	-1.383***
	Don't know/prefer not to say	-1.956*	-3.637	-4.610*	-1.135	-1.082
EQ-5D score	7.486***	13.857***	10.633***	3.301***	3.541***	
Caring role	Joint or not main carer	-0.970	3.029	5.533	-1.900**	1.608
	Personal care	-1.292**	-3.849*	-1.290	-0.039	0.128
	Physical care	-0.433	3.847**	1.231	0.406	0.071
	Total hours	-0.048	0.221*	0.116	-0.007	-0.013
	1 to 3 years	1.068	5.528	3.048	0.807	0.971
	3 to 5 years	1.077	4.076	1.164	0.761	0.959
	5 to 10 years	1.772	5.943	3.117	0.006	0.720
	10 years or more	0.681	5.579	-0.775	0.416	0.661
No replacement for a break	-0.877	-2.634	-2.284	-0.719**	-0.489	
Care recipient's characteristics	65 to 74 years	0.581	-0.545	1.448	0.220	0.439
	75 years or older	0.409	1.162	5.756**	-0.326	0.268
	1 to 5 years	-1.599	-4.041	0.531	0.511	-0.129
	6 to 10 years	-2.098	-3.145	0.230	0.980	0.436
	11 years or more	-1.081	-0.144	4.356	0.873	0.316
	No diagnosis/don't know	0.058	-3.052	-0.048	-0.461	-0.051
	Vascular dementia	-0.086	-0.066	-1.296	-0.086	0.025
	Other dementia	-0.847	-1.851	-6.088***	-0.456	-0.392
	Moderate	-0.754	-1.654	-2.323	-0.917	-1.047
Severe	-1.927**	-5.754*	-4.028	-2.211***	-2.393***	
Constant	8.093***	15.180**	14.753**	1.347	2.043	
Observations	190	181	176	191	190	
R-squared	0.495	0.309	0.456	0.388	0.395	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

**Table S2: Costs: regression results on sample of spouses/partners**

Variable	Overall costs	Carer's total healthcare costs	Care recipient's total healthcare costs	Care recipient's total social care costs
Admiral nursing	165.933 (232.400)	-287.583 (189.200)	-30.494 (154.900)	63.984 (169.800)
Female	-254.817	279.442	-1.952	-56.238
55 to 64 years	-866.660	-71.485	-260.400	-754.267
65 to 69 years	-1013.500	263.027	-122.672	-929.332
70 to 74 years	-780.762	35.804	150.154	-979.104*
75 years or older	-1123.940*	284.329	-289.676	-675.459
Bachelor's	428.110	-142.838	-75.991	280.873
Master's and above	365.259	-317.915*	140.341	-64.114
Full/part-time job	-69.516	-253.425	-88.229	-240.310
Look after full time	-84.150	-125.186	26.049	-85.253
Retired	373.032	116.908	24.658	258.824
Some difficulties	254.652	-110.638	107.830	55.032
Severe difficulties	146.351	162.638	15.194	184.698
Don't know/prefer not to say	1026.435	530.787	612.923	-47.245
EQ-5D score	501.491	95.291	-7.316	390.514
Joint or not main carer	1949.083	-189.314	1983.483	-535.418
Personal care	275.856	129.774	102.111	-62.323
Physical care	0.042	42.508	162.770	-83.395
Total hours	-3.516	-14.663	2.485	-10.646
1 to 3 years	559.037	421.626	67.970	349.271
3 to 5 years	489.800	120.227	200.776	381.960
5 to 10 years	690.756	20.392	-59.995	954.570*
10 years or more	618.836	13.463	-205.093	922.922*
No replacement for a break	114.912	-329.219	-102.961	49.764
65 to 74 years	-301.864	8.823	-298.818	68.727
75 years or older	172.931	158.847	131.981	-146.292
1 to 5 years	-997.714	309.184	-87.427	-488.124
6 to 10 years	-1306.080	309.402	-166.857	-879.331
11 years or more	-1069.180	-30.464	-142.354	-565.814
No diagnosis/don't know	1608.153	-196.717	770.028	359.359
Vascular dementia	61.480	32.793	245.722*	-102.114
Other dementia	-156.774	161.572	218.107	-56.734
Moderate	-119.590	-38.357	-157.844	146.973
Severe	615.058	516.612	17.212	790.655**
Constant	1212.379	-435.138	295.879	836.341
Observations	154	178	176	179
R-squared	0.242	0.224	0.219	0.197

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

**Table S3: Outcomes: sub-group propensity score matching results**

Variable	ASCOT score	Self-efficacy on symptoms management	Self-efficacy on service use	Overall life satisfaction	Happiness yesterday	
Admiral nursing	0.779 (0.632)	3.019 (1.975)	3.563 (1.686)**	0.121 (0.410)	0.506 (0.415)	
Coefficient on covariates from logit regression where the admiral nursing dummy is the dependent variable						
Carer's characteristics	Female	0.911	0.968	0.901	0.899	0.938
	55 to 64 years	0.606	0.634	0.608	0.972	0.712
	65 to 69 years	1.892	1.956	1.692	2.988	2.246
	70 to 74 years	0.832	0.767	0.868	1.343	0.886
	75 years or older	0.875	0.974	0.925	1.516	0.943
	Bachelor's	0.878	0.899	0.815	0.811	0.791
	Master's and above	0.186*	0.069**	0.063**	0.154**	0.166**
	Full/part-time job	1.680	1.132	0.971	2.128	1.807
	Look after full time	1.532	1.488	1.195	1.545	1.543
	Retired	1.020	0.718	0.685	0.846	0.833
	Some difficulties	1.100	1.198	1.251	1.043	0.998
	Severe difficulties	1.246	1.258	1.219	1.125	1.108
	Don't know/prefer not to say	1.201	1.183	1.058	1.048	1.030
	EQ-5D score	1.225	1.114	1.480	1.235	1.231
Caring role	Joint or not main carer	1.298	1.428	1.375	1.423	1.363
	Personal care	0.702	0.853	0.707	0.627	0.560
	Physical care	1.302	0.964	1.091	1.116	1.212
	Total hours	1.029	1.024	1.028	1.034	1.032
	1 to 3 years	6.5E+06	5.0E+06	7.1E+06	1.6E+07	1.9E+07
	3 to 5 years	4.4E+06	3.2E+06	4.9E+06	1.1E+07	1.3E+07
	5 to 10 years	6.5E+06	5.2E+06	8.0E+06	2.1E+07	2.2E+07
	10 years or more	2.2E+07	1.8E+07	3.0E+07	6.3E+07	6.9E+07
No replacement for a break	1.717	2.172*	1.856	2.008*	1.865	
Care recipient's characteristics	65 to 74 years	1.210	1.279	1.189	1.205	1.343
	75 years or older	1.370	1.365	1.384	1.370	1.751
	1 to 5 years	6.0E-08	8.9E-08	6.5E-08	2.6E-08	2.7E-08
	6 to 10 years	3.5E-08	4.2E-08	3.0E-08	1.3E-08	1.4E-08
	11 years or more	1.1E-08	1.8E-08	1.6E-08	4.7E-09	4.7E-09
	No diagnosis/don't know	0.564	0.637	0.559	0.600	0.578
	Vascular dementia	1.740	2.150*	2.027	1.864	1.731
	Other dementia	0.945	0.846	1.061	0.872	0.869
	Moderate	3.073	3.389*	3.271	3.261*	2.989
	Severe	3.306	3.512	3.056	3.503	3.135
Constant	0.386	0.413	0.438	0.258	0.361	
Observations	190	181	176	191	190	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

**Table S4: Costs: sub-group propensity score matching results**

Variable	Overall costs	Carer's total healthcare costs	Care recipient's total healthcare costs	Care recipient's total social care costs	
Admiral nursing	3.699 (278.327)	-317.837 (217.528)	-52.277 (183.652)	122.233 (178.529)	
Coefficient on covariates from logit regression where the admiral nursing dummy is the dependent variable					
Carer's characteristics	Female	1.015	0.965	1.112	0.922
	55 to 64 years	0.463	0.823	0.984	0.456
	65 to 69 years	1.591	2.240	2.825	1.455
	70 to 74 years	1.090	1.222	1.364	0.594
	75 years or older	0.548	0.913	1.170	0.587
	Bachelor's	1.067	0.809	0.963	0.814
	Master's and above		0.215*	0.224	0.088**
	Full/part-time job	2.930	2.094	1.946	1.323
	Look after full time	2.024	1.374	1.658	1.692
	Retired	1.626	1.069	0.930	0.938
	Some difficulties	1.444	1.041	1.269	1.193
	Severe difficulties	2.760*	1.089	1.716	1.523
	Don't know/prefer not to say	2.356	1.059	1.556	1.261
	EQ-5D score	2.913	0.796	2.083	0.796
Caring role	Joint or not main carer	2.899	1.153	1.828	1.035
	Personal care	0.571	0.530	0.669	0.722
	Physical care	1.899	1.751	1.507	1.030
	Total hours	1.037	1.031	1.034	1.041
	1 to 3 years	4.8E+07	6.1E+07	2.1E+07	1.0E+07
	3 to 5 years	4.8E+07	4.0E+07	1.2E+07	9.9E+06
	5 to 10 years	7.3E+07	7.3E+07	2.5E+07	1.5E+07
	10 years or more	1.2E+08	1.3E+08	3.6E+07	5.3E+07
No replacement for a break	1.761	1.771	1.751	1.561	
Care recipient's characteristics	65 to 74 years	1.320	1.269	1.110	1.426
	75 years or older	1.918	1.259	1.622	1.644
	1 to 5 years	1.1E-08	6.3E-09	2.4E-08	5.5E-08
	6 to 10 years	1.1E-08	4.4E-09	1.5E-08	2.5E-08
	11 years or more	4.3E-09	1.8E-09	6.6E-09	7.1E-09
	No diagnosis/don't know	0.219	0.300	0.319	0.601
	Vascular dementia	2.123	1.263	1.350	1.818
	Other dementia	0.702	0.738	0.595	0.746
	Moderate	2.170	3.196	3.348	2.534
	Severe	1.499	3.386	2.889	3.256
Constant	0.045	0.596	0.127	0.466	
Observations	147	178	176	179	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

**Table S5: Outcomes: regression results after accounting for questionnaire format**

	Variable	ASCOT score	Self-efficacy on symptoms management	Self-efficacy on service use	Overall life satisfaction	Happiness yesterday
	Admiral nursing	0.666 (0.459)	1.693 (1.506)	2.029* (1.213)	0.268 (0.300)	0.572* (0.306)
Carer's characteristics	Female	-0.545	-2.394*	-3.843***	-0.171	0.002
	55 to 64 years	-0.043	-2.286	-1.701	-0.339	-0.584
	65 to 69 years	0.231	-2.097	0.608	-0.125	-0.254
	70 to 74 years	0.294	-1.636	1.460	0.037	0.260
	75 years or older	1.045	-2.858	-5.347*	0.747	0.631
	Bachelor's	-0.578	-2.538*	-2.414*	-0.508*	-0.511
	Master's and above	-1.072	-3.371	-1.227	-0.194	0.067
	Full/part-time job	1.136*	1.979	1.220	0.038	-0.071
	Look after full time	0.272	0.255	0.742	0.049	0.059
	Retired	1.089*	2.153	2.146	0.258	0.476
	Some difficulties	-1.571***	-1.401	-3.932***	-0.843**	-1.088***
	Severe difficulties	-2.256***	-2.877	-3.919***	-1.286***	-1.364***
	Don't know/prefer not to say	-2.709***	-1.953	-4.375**	-0.763	-1.155**
	EQ-5D score	7.122***	13.251***	8.579***	4.124***	4.163***
Electronic questionnaire	0.761	1.136	0.097	0.461	0.362	
Caring role	Joint or not main carer	0.401	2.525	3.285	0.714	0.454
	Parent/parent-in-law	0.922	0.425	-2.324	0.354	0.415
	Other relationship	0.014	-4.755	-5.359*	-0.226	-0.233
	Personal care	-0.474	-1.018	-0.892	-0.192	-0.019
	Physical care	-0.590	2.562*	0.963	0.097	-0.002
	Total hours	-0.090***	0.203**	0.041	-0.026	-0.032*
	1 to 3 years	-0.369	2.120	6.424***	0.120	0.652
	3 to 5 years	-0.341	1.245	4.645**	0.233	0.823
	5 to 10 years	-0.350	1.775	5.862**	-0.291	0.335
	10 years or more	-0.922	0.062	4.530	-0.190	0.226
Replacement for a break	-1.220***	-3.473**	-2.832***	-0.767***	-0.791***	
Care recipient's characteristics	65 to 74 years	0.916	0.383	1.569	0.610	0.705
	75 years or older	0.662	2.377	4.930**	0.286	0.372
	1 to 5 years	0.096	1.561	0.402	0.955	-0.185
	6 to 10 years	-0.267	2.708	0.117	1.249	0.429
	11 years or more	1.023	6.750	1.178	1.583*	1.005
	No diagnosis/don't know	-1.463	-6.723***	-4.890*	-0.204	-0.329
	Vascular dementia	-0.693	-1.190	-1.678	-0.085	0.168
	Other dementia	-0.603	-0.909	-4.171***	-0.096	0.194
	Moderate	-0.536	-2.780	-3.689**	-0.806*	-0.999*
	Severe	-1.664**	-5.381**	-4.202**	-1.539***	-1.772***
Constant	1.969	5.820	4.715	1.406	1.461	
Observations	282	274	268	287	285	
R-squared	0.463	0.261	0.350	0.344	0.337	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

**Table S6: Costs: regression results after accounting for questionnaire format**

	Variable	Overall costs	Carer's total healthcare costs	Care recipient's total healthcare costs	Care recipient's total social care costs
	Admiral nursing	-76.333 (233.800)	-209.684 (186.300)	-88.777 (154.500)	-82.053 (175.900)
Carer's characteristics	Female	-55.370	250.121	21.158	10.946
	55 to 64 years	-520.205	116.918	-137.267	-369.245*
	65 to 69 years	-380.122	279.906	-68.998	-367.709
	70 to 74 years	-182.870	179.759	305.516	-580.779**
	75 years or older	-368.109	451.320*	-14.011	-344.653
	Bachelor's	386.840	-118.057	-123.232	391.640**
	Master's and above	417.204	14.527	-154.643	365.401
	Full/part-time job	140.739	-150.974	197.630	-137.450
	Look after full time	-204.670	-128.811	-64.460	-73.754
	Retired	306.216	69.183	20.456	329.857*
	Some difficulties	91.480	4.337	35.348	-15.149
	Severe difficulties	18.753	148.185	-85.586	212.909
	Don't know/prefer not to say	732.574	349.682	456.169	125.115
	EQ-5D score	307.504	-474.723	-39.215	311.081
	Electronic questionnaire	-331.901	-118.078	26.674	-364.163**
Caring role	Joint or not main carer	143.225	-147.684	75.764	94.752
	Parent/parent-in-law	-11.567	131.708	-98.089	84.007
	Other relationship	268.677	146.924	-82.078	173.590
	Personal care	171.546	76.927	-78.114	110.306
	Physical care	198.176	32.237	205.771	35.499
	Total hours	6.800	-9.564	9.833	-10.509
	1 to 3 years	506.284	145.276	153.126	270.208
	3 to 5 years	522.542	-127.707	252.473	232.060
	5 to 10 years	307.579	-117.603	-151.850	519.473
	10 years or more	335.302	-366.016	-450.567	836.433**
Replacement for a break	2.701	-239.425*	-125.338	59.479	
Care recipient's characteristics	65 to 74 years	-236.851	-109.140	-145.959	30.074
	75 years or older	0.438	-53.838	122.287	-69.753
	1 to 5 years	-324.572	302.720*	-0.788	-59.626
	6 to 10 years	-268.664	224.455	46.806	-107.190
	11 years or more	16.808	319.740	564.417	-414.196
	No diagnosis/don't know	163.745	-193.212	89.885	-237.950
	Vascular dementia	1.044	-22.589	274.905**	-204.299
	Other dementia	59.744	146.569	237.318	-40.174
	Moderate	-194.068	63.560	-188.975	19.150
Severe	461.989	466.873	-1.757	532.683**	
Constant	414.261	109.282	108.741	160.029	
Observations	227	269	259	266	
R-squared	0.179	0.175	0.170	0.177	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

**Table S7: EQ-5D: regression and PSM results**

Variable	Regression		PSM	
	EQ-5D-5L score	EQ-5D-3L score	EQ-5D-5L score	EQ-5D-3L score
Admiral nursing	-0.022 (0.022)	-0.009 (0.026)	-0.006 (0.025)	0.008 (0.029)
Female	-0.068***	-0.066**	-0.104	-0.104
55 to 64 years	-0.026	-0.012	0.573	0.573
65 to 69 years	-0.062	-0.030	1.144	1.144
70 to 74 years	-0.064	-0.018	0.719	0.719
75 years or older	-0.146**	-0.108	0.775	0.775
Bachelor's	0.029	0.031	0.031	0.031
Master's and above	0.052	0.061	-1.491**	-1.491**
Full/part-time job	0.045	0.076*	0.123	0.123
Look after full time	0.024	0.048	0.164	0.164
Retired	0.010	0.018	-0.173	-0.173
Some difficulties	-0.048*	-0.049	0.152	0.152
Severe difficulties	-0.060**	-0.067*	0.604	0.604
Don't know/prefer not to say	-0.112***	-0.127***	0.329	0.329
Joint or not main carer	0.002	-0.002	-1.282*	-1.282*
Parent/parent-in-law	-0.027	0.011	-0.235	-0.235
Other relationship	-0.131	-0.067	0.341	0.341
Personal care	0.052	0.051	0.291	0.291
Physical care	0.008	0.005	0.126	0.126
Total hours	-0.001	-0.001	0.007	0.007
1 to 3 years	-0.017	-0.039	1.322	1.322
3 to 5 years	-0.080**	-0.114***	0.980	0.980
5 to 10 years	-0.072*	-0.103**	1.457*	1.457*
10 years or more	-0.022	-0.026	1.421	1.421
Replacement for a break	-0.038*	-0.049**	0.464	0.464
65 to 74 years	0.037	0.060	-0.020	-0.020
75 years or older	0.009	-0.010	0.105	0.105
1 to 5 years	0.038	0.055	-2.116**	-2.116**
6 to 10 years	0.036	0.056	-2.608**	-2.608**
11 years or more	0.065	0.076	-2.832**	-2.832**
No diagnosis/don't know	0.003	-0.027	-0.644	-0.644
Vascular dementia	0.003	0.005	0.783**	0.783**
Other dementia	-0.039	-0.052	0.043	0.043
Moderate	-0.041	-0.058	0.885	0.885
Severe	-0.100**	-0.129**	0.907	0.907
Constant	0.979***	0.878***	-1.465	-1.465
Observations	289	289	289	289
R-squared	0.258	0.257		

PSM estimates on covariates are from logit regression where the admiral nursing dummy is the dependent variable.

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

**Table S8: Outcomes: regression results when AN is from the questionnaire**

	Variable	ASCOT score	Self-efficacy on symptoms management	Self-efficacy on service use	Overall life satisfaction	Happiness yesterday
	Admiral nursing (asked)	0.440 (0.388)	1.189 (1.282)	2.007* (1.084)	0.053 (0.263)	0.436 (0.273)
Carer's characteristics	Female	-0.542	-2.416*	-3.871***	-0.166	0.000
	55 to 64 years	-0.105	-2.290	-1.544	-0.378	-0.581
	65 to 69 years	0.155	-2.080	0.772	-0.167	-0.259
	70 to 74 years	0.231	-1.654	1.582	-0.005	0.264
	75 years or older	0.889	-2.983	-5.099*	0.643	0.614
	Bachelor's	-0.470	-2.371	-2.337*	-0.454	-0.457
	Master's and above	-0.862	-3.117	-1.225	-0.091	0.151
	Full/part-time job	1.189*	1.992	1.122	0.068	-0.065
	Look after full time	0.298	0.360	0.901	0.055	0.080
	Retired	1.158**	2.193	2.125	0.288	0.494
	Some difficulties	-1.531***	-1.388	-3.929***	-0.830**	-1.082***
	Severe difficulties	-2.296***	-2.966	-3.966***	-1.307***	-1.399***
	Don't know/prefer not to say	-2.670***	-1.984	-4.521**	-0.743	-1.174**
EQ-5D score	7.135***	13.289***	8.550***	4.122***	4.147***	
Caring role	Joint or not main carer	0.545	2.768	3.296	0.818*	0.531
	Parent/parent-in-law	0.904	0.403	-2.305	0.336	0.418
	Other relationship	0.106	-4.581	-5.193*	-0.194	-0.168
	Personal care	-0.494	-1.048	-0.903	-0.212	-0.034
	Physical care	-0.600	2.526*	0.867	0.106	-0.019
	Total hours	-0.085***	0.210**	0.036	-0.023	-0.030
	1 to 3 years	-0.148	2.539	6.496***	0.282	0.775
	3 to 5 years	-0.195	1.513	4.706**	0.336	0.910
	5 to 10 years	-0.100	2.193	6.027**	-0.129	0.480
	10 years or more	-0.614	0.630	4.850	-0.005	0.425
Replacement for a break	-1.207***	-3.443**	-2.878***	-0.744***	-0.779***	
Care recipient's characteristics	65 to 74 years	0.824	0.303	1.775	0.534	0.682
	75 years or older	0.701	2.502	5.128**	0.295	0.406
	1 to 5 years	0.056	1.348	0.068	0.940	-0.255
	6 to 10 years	-0.328	2.429	-0.392	1.230	0.320
	11 years or more	0.872	6.296	0.481	1.530*	0.836
	No diagnosis/don't know	-1.430	-6.742***	-4.917*	-0.213	-0.334
	Vascular dementia	-0.730	-1.186	-1.659	-0.091	0.158
	Other dementia	-0.566	-0.864	-4.192***	-0.063	0.211
	Moderate	-0.585	-2.802	-3.637**	-0.819*	-1.000*
	Severe	-1.711**	-5.397**	-4.099**	-1.565***	-1.775***
Constant	7.936***	18.080***	19.122***	2.286	2.815*	
Observations	282	274	268	287	285	
R-squared	0.460	0.260	0.350	0.340	0.335	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

**Table S9: Costs: regression results when AN is from the questionnaire**

	Variable	Overall costs	Carer's total healthcare costs	Care recipient's total healthcare costs	Care recipient's total social care costs
	Admiral nursing (asked)	71.590 (205.400)	-178.606 (138.100)	8.881 (140.700)	-88.581 (137.800)
Carer's characteristics	Female	-40.313	249.888	20.388	5.047
	55 to 64 years	-467.586	110.958	-152.073	-330.958
	65 to 69 years	-342.261	273.729	-97.257	-313.476
	70 to 74 years	-126.676	179.633	286.619	-550.583*
	75 years or older	-251.589	446.004	-33.314	-274.682
	Bachelor's	364.951	-136.208*	-125.589	346.241**
	Master's and above	366.475	-22.165	-127.165	247.059
	Full/part-time job	105.147	-154.169	203.810	-156.146
	Look after full time	-207.719	-138.183	-67.068	-64.015
	Retired	277.326	65.007	32.733	318.855
	Some difficulties	68.832	-3.125	35.004	-32.160
	Severe difficulties	24.787	154.055	-98.995	246.959
	Don't know/prefer not to say	708.661	356.386	449.906	116.980
	EQ-5D score	288.591	-479.413	-30.781	250.151
Caring role	Joint or not main carer	55.584	-176.455	100.592	-5.838
	Parent/parent-in-law	19.715	128.958	-88.380	86.302
	Other relationship	204.762	116.117	-66.681	109.694
	Personal care	188.760	78.882	-87.457	137.996
	Physical care	190.597	44.264	201.431	23.227
	Total hours	3.656	-10.311	9.787	-13.194
	1 to 3 years	382.915	106.140	135.042	175.111
	3 to 5 years	432.527	-156.624	244.327	161.817
	5 to 10 years	193.759	-158.132	-172.671	431.060
	10 years or more	208.830	-432.703*	-461.621	723.678*
	Replacement for a break	-8.274	-244.160*	-133.173	53.176
Care recipient's characteristics	65 to 74 years	-171.976	-102.049	-145.943	97.522
	75 years or older	-8.856	-69.196	117.344	-69.739
	1 to 5 years	-320.971	328.301*	31.227	-99.781
	6 to 10 years	-266.626	270.083	87.877	-159.837
	11 years or more	36.871	378.821	606.366	-445.468
	No diagnosis/don't know	185.819	-196.184	112.200	-241.220
	Vascular dementia	-5.044	-18.698	259.783**	-175.099
	Other dementia	23.694	138.018	242.087	-77.848
	Moderate	-189.812	66.665	-206.636	49.108
Severe	474.648	472.925	-16.086	582.669**	
Constant	399.682	104.792	81.611	220.373	
Observations	227	269	259	266	
R-squared	0.173	0.175	0.167	0.165	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

**Table S10: Outcomes: PSM results when AN is from the questionnaire**

Variable	ASCOT score	Self-efficacy on symptoms management	Self-efficacy on service use	Overall life satisfaction	Happiness yesterday	
Admiral nursing (asked)	0.268 (0.557)	1.300 (1.505)	2.282 (1.321)*	0.030 (0.330)	0.420 (0.347)	
Coefficient on covariates from logit regression where the admiral nursing dummy is the dependent variable						
Carer's characteristics	Female	0.870	1.101	0.971	0.912	0.931
	55 to 64 years	1.230	1.050	1.012	1.197	1.064
	65 to 69 years	1.913	1.842	1.853	2.101	1.860
	70 to 74 years	1.330	1.234	1.549	1.454	1.202
	75 years or older	0.954	1.102	1.031	1.111	0.885
	Bachelor's	0.885	0.982	0.865	0.945	0.920
	Master's and above	0.253**	0.194**	0.184**	0.275**	0.271**
	Full/part-time job	1.446	1.204	1.191	1.591	1.416
	Look after full time	0.942	0.902	0.746	0.982	1.004
	Retired	0.897	0.885	0.825	0.911	0.878
	Some difficulties	1.070	1.159	1.139	1.129	1.113
	Severe difficulties	1.846	2.103*	1.990*	1.906*	1.958*
	Don't know/prefer not to say	1.703	1.656	1.728	1.774	1.701
	EQ-5D score	0.505	0.422	0.618	0.546	0.551
Caring role	Joint or not main carer	0.521	0.385	0.356	0.383	0.441
	Parent/parent-in-law	0.764	0.743	0.786	0.780	0.679
	Other relationship	0.667	0.680	0.745	0.804	0.692
	Personal care	1.263	1.436	1.465	1.381	1.331
	Physical care	1.369	1.218	1.335	1.367	1.430
	Total hours	1.024	1.012	1.016	1.019	1.019
	1 to 3 years	3.183	3.072	3.082	2.984	3.099
	3 to 5 years	1.927	2.025	2.053	1.868	2.000
	5 to 10 years	2.752	2.908	2.537	3.014	2.995
	10 years or more	1.855	1.958	1.942	1.877	1.860
Replacement for a break	1.682*	1.702*	1.666*	1.718*	1.681*	
Care recipient's characteristics	65 to 74 years	0.612	0.624	0.554	0.582	0.605
	75 years or older	0.729	0.643	0.663	0.642	0.728
	1 to 5 years	0.337	0.367	0.367	0.316	0.343
	6 to 10 years	0.319	0.302	0.353	0.283	0.313
	11 years or more	0.407	0.440	0.570	0.381	0.411
	No diagnosis/don't know	0.774	0.580	0.542	0.594	0.594
	Vascular dementia	2.405***	2.289**	2.203**	2.314***	2.276***
	Other dementia	1.129	1.163	1.183	1.147	1.134
	Moderate	2.157	2.198	2.011	2.070	2.037
Severe	1.932	1.924	1.586	1.845	1.780	
Constant	0.308	0.344	0.307	0.290	0.311	
Observations	282	274	268	287	285	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

**Table S11: Costs: PSM results when AN is from the questionnaire**

Variable	Overall costs	Carer's total healthcare costs	Care recipient's total healthcare costs	Care recipient's total social care costs	
Admiral nursing (asked)	0.104 (214.231)	-215.054 (144.549)	-56.571 (131.970)	-91.613 (149.532)	
Coefficient on covariates from logit regression where the admiral nursing dummy is the dependent variable					
Carer's characteristics	Female	0.983	0.889	0.952	0.800
	55 to 64 years	1.070	1.063	1.130	0.969
	65 to 69 years	2.349	1.591	1.969	1.804
	70 to 74 years	1.556	1.400	1.436	1.017
	75 years or older	0.956	0.679	0.808	0.659
	Bachelor's	1.304	0.883	1.106	0.882
	Master's and above	0.252*	0.316*	0.308*	0.188**
	Full/part-time job	1.123	1.322	1.257	1.315
	Look after full time	1.131	0.913	0.970	1.071
	Retired	0.698	0.973	0.780	0.930
	Some difficulties	1.327	1.056	1.169	1.206
	Severe difficulties	2.374*	1.623	2.013*	2.186*
	Don't know/prefer not to say	1.756	1.650	2.073	1.612
	EQ-5D score	0.850	0.356	0.660	0.532
Caring role	Joint or not main carer	0.607	0.351	0.460	0.468
	Parent/parent-in-law	0.501	0.731	0.545	0.636
	Other relationship	0.388	0.653	0.370	1.013
	Personal care	1.426	1.248	1.657	1.409
	Physical care	1.341	1.781*	1.482	1.290
	Total hours	1.025	1.014	1.014	1.022
	1 to 3 years	5.008*	3.099	3.098	3.257
	3 to 5 years	2.510	1.768	1.620	2.231
	5 to 10 years	4.718*	2.884	2.922	3.065
	10 years or more	1.922	1.419	1.215	1.883
Replacement for a break	1.360	1.644*	1.586	1.585	
Care recipient's characteristics	65 to 74 years	0.602	0.688	0.553	0.663
	75 years or older	1.173	0.756	0.880	0.873
	1 to 5 years	0.234	0.341	0.423	0.414
	6 to 10 years	0.202	0.404	0.469	0.379
	11 years or more	0.313	0.477	0.707	0.485
	No diagnosis/don't know	0.271	0.396	0.312	0.627
	Vascular dementia	2.290**	1.952**	2.187**	2.333**
	Other dementia	1.081	1.072	0.976	1.030
	Moderate	1.962	1.950	1.688	1.752
	Severe	1.577	1.719	1.248	1.794
Constant	0.200	0.570	0.280	0.296	
Observations	227	269	259	266	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

**Table S12: Outcomes: regression results with common sample**

Variable	ASCOT score	Self-efficacy on symptoms management	Self-efficacy on service use	Overall life satisfaction	Happiness yesterday
Admiral nursing	0.389 (0.519)	0.748 (1.503)	1.457 (1.219)	0.216 (0.316)	0.420 (0.333)
Female	-0.545	-2.402	-4.932***	-0.311	-0.088
55 to 64 years	0.365	0.171	-1.452	0.016	0.191
65 to 69 years	0.233	0.460	2.378	0.038	0.300
70 to 74 years	-0.320	0.818	2.566	0.613	1.257
75 years or older	0.879	-2.136	-4.549	0.739	1.808*
Bachelor's	-0.730	-3.135*	-2.977*	-0.805**	-0.724*
Master's and above	-1.015	-7.879**	-3.304	-0.688	0.022
Full/part-time job	1.116	-0.197	0.919	0.290	0.278
Look after full time	0.347	-0.617	0.514	0.301	0.194
Retired	1.154	-0.362	-0.124	0.188	0.415
Some difficulties	-1.724**	-2.694	-3.320*	-0.772*	-1.486***
Severe difficulties	-2.598***	-3.576*	-3.233**	-1.187**	-1.583***
Don't know/prefer not to say	-3.241***	-2.597	-3.686*	-0.916*	-1.714***
EQ-5D score	7.833***	14.329***	9.398***	4.367***	4.038***
Joint or not main carer	-0.207	2.186	2.468	0.821	0.316
Parent/parent-in-law	0.789	0.243	-3.983	0.432	1.244
Other relationship	-0.087	-4.935	-4.050	1.117	0.997
Personal care	-0.922	-0.896	-0.437	-0.575	-0.408
Physical care	0.190	1.544	0.743	0.175	0.145
Total hours	-0.084**	0.363***	0.133	0.003	-0.006
1 to 3 years	0.177	4.005	7.131***	0.531	0.900
3 to 5 years	-0.074	2.923	6.005***	0.640	0.928
5 to 10 years	-0.432	3.809	6.329**	0.452	0.396
10 years or more	-0.828	2.813	5.704*	0.300	0.337
Replacement for a break	-1.095*	-3.899**	-3.601***	-0.907**	-0.890**
65 to 74 years	1.242	0.564	0.598	0.577	0.698
75 years or older	1.252	2.445	4.457	0.501	0.195
1 to 5 years	0.400	-1.018	-0.942	0.484	-0.171
6 to 10 years	0.301	1.850	-0.733	1.137	0.827
11 years or more	1.068	2.682	0.415	1.165	1.221
No diagnosis/don't know	-1.716	-3.697	-3.962	0.072	-0.482
Vascular dementia	-0.758	0.527	0.374	0.395	0.375
Other dementia	-0.578	-1.664	-4.995***	0.069	0.450
Moderate	-0.800	-3.597	-4.744***	-1.029*	-1.297**
Severe	-2.233**	-6.205**	-5.516**	-1.827***	-2.151***
Constant	6.847***	19.001***	20.884***	1.794	2.268
Observations	196	196	196	196	196
R-squared	0.445	0.283	0.390	0.333	0.376

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

**Table S13: Costs: regression results with common sample**

	Variable	Overall costs	Carer's total healthcare costs	Care recipient's total healthcare costs	Care recipient's total social care costs
	Admiral nursing	-55.116 (228.100)	-134.053 (117.000)	-51.836 (160.600)	-87.494 (174.100)
Carer's characteristics	Female	-70.620	150.299	75.874	-162.809
	55 to 64 years	-577.837	6.155	-233.316	-337.210
	65 to 69 years	-472.456	183.138	-82.737	-396.050
	70 to 74 years	-230.453	180.853	323.579	-544.909
	75 years or older	-282.498	430.265**	129.778	-409.243
	Bachelor's	385.426	-7.538	-132.633	505.245**
	Master's and above	207.112	-140.074	-37.167	245.670
	Full/part-time job	117.141	-73.625	260.499	-130.454
	Look after full time	-168.521	-61.219	-159.276	-12.906
	Retired	374.159	59.781	105.315	275.338
	Some difficulties	135.056	-88.226	78.259	41.821
	Severe difficulties	94.766	-37.401	-150.573	255.726
	Don't know/prefer not to say	810.928	459.442	474.996	328.503
	EQ-5D score	394.522	-444.019	23.356	342.597
Caring role	Joint or not main carer	187.767	-82.958	47.615	131.787
	Parent/parent-in-law	67.239	84.106	-18.029	105.857
	Other relationship	227.738	-263.767	256.578	-19.641
	Personal care	202.451	134.235	-76.670	281.172
	Physical care	150.936	88.738	188.431	-56.579
	Total hours	8.842	-13.945	17.450	-8.936
	1 to 3 years	471.376	81.143	216.255	258.660
	3 to 5 years	561.738	-190.192	293.411	277.452
	5 to 10 years	255.569	-194.847	-91.000	336.993
	10 years or more	291.667	-235.481	-460.242	801.361**
	Replacement for a break	-46.829	-224.983	-137.162	109.266
Care recipient's characteristics	65 to 74 years	-162.104	-29.529	-166.204	11.518
	75 years or older	58.223	-30.957	138.503	-69.463
	1 to 5 years	-327.906	349.346**	-115.966	-166.993
	6 to 10 years	-272.396	300.914	-161.874	-59.535
	11 years or more	-3.872	75.678	544.652	-507.216
	No diagnosis/don't know	33.311	-126.385	-134.118	179.517
	Vascular dementia	-0.053	-70.615	209.341	-203.157
	Other dementia	105.279	204.843	340.275	-236.460
	Moderate	-212.462	18.727	-169.544	-77.263
Severe	462.762	398.541	-14.957	448.177*	
Constant	213.097	157.295	-53.536	257.678	
Observations	196	196	196	196	
R-squared	0.175	0.255	0.203	0.205	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

**Table S14: Outcomes: PSM results with common sample**

Variable	ASCOT score	Self-efficacy on symptoms management	Self-efficacy on service use	Overall life satisfaction	Happiness yesterday
Admiral nursing	0.751 (0.657)	1.875 (1.686)	2.168 (1.510)	0.429 (0.374)	0.643 (0.405)
Coefficient on covariates from logit regression where the admiral nursing dummy is the dependent variable					
Carer's characteristics	Female	0.955	0.955	0.955	0.955
	55 to 64 years	1.156	1.156	1.156	1.156
	65 to 69 years	3.376	3.376	3.376	3.376
	70 to 74 years	2.420	2.420	2.420	2.420
	75 years or older	1.685	1.685	1.685	1.685
	Bachelor's	1.476	1.476	1.476	1.476
	Master's and above	0.193*	0.193*	0.193*	0.193*
	Full/part-time job	0.616	0.616	0.616	0.616
	Look after full time	1.039	1.039	1.039	1.039
	Retired	0.412	0.412	0.412	0.412
	Some difficulties	1.393	1.393	1.393	1.393
	Severe difficulties	2.327*	2.327*	2.327*	2.327*
	Don't know/prefer not to say	1.231	1.231	1.231	1.231
	EQ-5D score	0.986	0.986	0.986	0.986
Caring role	Joint or not main carer	0.611	0.611	0.611	0.611
	Parent/parent-in-law	0.610	0.610	0.610	0.610
	Other relationship	0.349	0.349	0.349	0.349
	Personal care	1.508	1.508	1.508	1.508
	Physical care	1.259	1.259	1.259	1.259
	Total hours	1.012	1.012	1.012	1.012
	1 to 3 years	4.223*	4.223*	4.223*	4.223*
	3 to 5 years	2.247	2.247	2.247	2.247
	5 to 10 years	3.430	3.430	3.430	3.430
	10 years or more	2.372	2.372	2.372	2.372
Replacement for a break	1.521	1.521	1.521	1.521	
Care recipient's characteristics	65 to 74 years	1.072	1.072	1.072	1.072
	75 years or older	1.724	1.724	1.724	1.724
	1 to 5 years	0.356	0.356	0.356	0.356
	6 to 10 years	0.262	0.262	0.262	0.262
	11 years or more	0.330	0.330	0.330	0.330
	No diagnosis/don't know	0.417	0.417	0.417	0.417
	Vascular dementia	2.129*	2.129*	2.129*	2.129*
	Other dementia	0.855	0.855	0.855	0.855
	Moderate	1.511	1.511	1.511	1.511
Severe	1.433	1.433	1.433	1.433	
Constant	0.156	0.156	0.156	0.156	
Observations	196	196	196	196	196

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

**Table S15: Costs: PSM results with common sample**

Variable	Overall costs	Carer's total healthcare costs	Care recipient's total healthcare costs	Care recipient's total social care costs	
Admiral nursing	-146.579 (231.791)	-139.088 (132.328)	-20.720 (175.217)	-208.941 (163.098)	
Coefficient on covariates from logit regression where the admiral nursing dummy is the dependent variable					
Carer's characteristics	Female	0.955	0.955	0.955	0.955
	55 to 64 years	1.156	1.156	1.156	1.156
	65 to 69 years	3.376	3.376	3.376	3.376
	70 to 74 years	2.420	2.420	2.420	2.420
	75 years or older	1.685	1.685	1.685	1.685
	Bachelor's	1.476	1.476	1.476	1.476
	Master's and above	0.193*	0.193*	0.193*	0.193*
	Full/part-time job	0.616	0.616	0.616	0.616
	Look after full time	1.039	1.039	1.039	1.039
	Retired	0.412	0.412	0.412	0.412
	Some difficulties	1.393	1.393	1.393	1.393
	Severe difficulties	2.327*	2.327*	2.327*	2.327*
	Don't know/prefer not to say	1.231	1.231	1.231	1.231
	EQ-5D score	0.986	0.986	0.986	0.986
Caring role	Joint or not main carer	0.611	0.611	0.611	0.611
	Parent/parent-in-law	0.610	0.610	0.610	0.610
	Other relationship	0.349	0.349	0.349	0.349
	Personal care	1.508	1.508	1.508	1.508
	Physical care	1.259	1.259	1.259	1.259
	Total hours	1.012	1.012	1.012	1.012
	1 to 3 years	4.223*	4.223*	4.223*	4.223*
	3 to 5 years	2.247	2.247	2.247	2.247
	5 to 10 years	3.430	3.430	3.430	3.430
	10 years or more	2.372	2.372	2.372	2.372
Replacement for a break	1.521	1.521	1.521	1.521	
Care recipient's characteristics	65 to 74 years	1.072	1.072	1.072	1.072
	75 years or older	1.724	1.724	1.724	1.724
	1 to 5 years	0.356	0.356	0.356	0.356
	6 to 10 years	0.262	0.262	0.262	0.262
	11 years or more	0.330	0.330	0.330	0.330
	No diagnosis/don't know	0.417	0.417	0.417	0.417
	Vascular dementia	2.129*	2.129*	2.129*	2.129*
	Other dementia	0.855	0.855	0.855	0.855
	Moderate	1.511	1.511	1.511	1.511
	Severe	1.433	1.433	1.433	1.433
Constant	0.156	0.156	0.156	0.156	
Observations	196	196	196	196	

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

**Table S16: Healthcare and AN costs: regression and PSM results**

Variable	Regression	PSM
	Health care and AN costs	Health care and AN costs
Admiral nursing	-189.541 (231.100)	-368.788 (251.605)
Female	340.967	-0.174
55 to 64 years	-107.077	0.389
65 to 69 years	120.620	0.888
70 to 74 years	455.000	0.777
75 years or older	480.854	0.235
Bachelor's	-153.849	0.365
Master's and above	-84.958	-1.185
Full/part-time job	-50.853	-0.001
Look after full time	-205.636	0.076
Retired	45.964	-0.447
Some difficulties	68.552	0.283
Severe difficulties	76.378	0.616
Don't know/prefer not to say	802.609	0.506
EQ-5D score	-600.967	-0.746
Joint or not main carer	-59.945	-1.129
Parent/parent-in-law	-3.257	-0.491
Other relationship	83.507	-0.793
Personal care	40.937	0.446
Physical care	305.727	0.535
Total hours	-2.679	0.003
1 to 3 years	348.911	1.265
3 to 5 years	115.777	0.663
5 to 10 years	-268.084	1.257
10 years or more	-1059.140**	0.659
Replacement for a break	-412.371	0.461
65 to 74 years	-182.459	-0.006
75 years or older	100.514	0.313
1 to 5 years	172.771	-1.563
6 to 10 years	151.612	-1.589
11 years or more	862.984	-1.592
No diagnosis/don't know	-227.818	-1.128
Vascular dementia	213.985	0.596
Other dementia	414.635	-0.209
Moderate	-64.226	0.665
Severe	562.377	0.310
Constant	325.372	-0.903
Observations	234	234
R-squared	0.211	

PSM estimates on covariates are from logit regression where the admiral nursing dummy is the dependent variable.

Most of the coefficients on dummies are interpreted in relation to the reference category. Table 61 shows the reference categories.

**Table S17: Outcomes: regression analysis with interactions**

Variable	ASCOT score	Self-efficacy on symptoms management	Self-efficacy on service use	Overall life satisfaction	Happiness yesterday
Admiral nursing (1)	-0.234 (0.685)	1.157 (2.175)	0.892 (1.861)	-0.291 (0.465)	-0.309 (0.494)
AN x Female (2)	0.918 (0.839)	0.128 (2.731)	1.626 (2.386)	0.565 (0.560)	1.111* (0.590)
(1) + (2)	0.684 (0.160)	1.285 (0.437)	2.518* (0.066)	0.275 (0.394)	0.801** (0.017)
Admiral nursing (1)	2.429* (1.356)	3.501 (3.781)	3.023 (2.868)	1.360* (0.736)	1.266 (0.858)
AN x Moderate severity (2)	-2.439* (1.407)	-2.654 (4.080)	-1.155 (3.183)	-1.345* (0.795)	-0.785 (0.897)
AN x Severe severity (3)	-1.750 (1.502)	-2.018 (4.637)	-1.062 (3.561)	-1.462* (0.881)	-1.172 (1.016)
(1) + (2)	-0.010 (0.984)	0.847 (0.579)	1.868 (0.154)	0.014 (0.965)	0.482 (0.138)
(1) + (3)	0.679 (0.315)	1.483 (0.605)	1.962 (0.403)	-0.102 (0.843)	0.094 (0.868)
Admiral nursing (1)	0.591 (0.453)	1.569 (1.511)	1.681 (1.217)	0.254 (0.305)	0.345 (0.315)
AN x Parent/parent-in-law (2)	-1.260 (0.904)	-2.591 (2.964)	-0.017 (2.537)	-0.636 (0.580)	0.114 (0.636)
AN x Other relationship (3)	2.238 (2.522)	8.101 (5.952)	7.338* (4.320)	-0.193 (1.636)	1.438 (1.330)
(1) + (2)	-0.669 (0.407)	-1.022 (0.698)	1.665 (0.462)	-0.382 (0.457)	0.459 (0.426)
(1) + (3)	2.829 (0.249)	9.670* (0.091)	9.019** (0.029)	0.061 (0.970)	1.783 (0.166)

Coefficients on covariates are not reported.

p-value in parenthesis for the sum of coefficients.

Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

**Table S18: Costs: regression analysis with interactions**

Variable	Overall costs	Carer's total healthcare costs	Care recipient's total healthcare costs	Care recipient's total social care costs
Admiral nursing (1)	-36.679 (335.269)	-64.470 (119.394)	11.340 (158.836)	-134.124 (248.394)
AN x Female (2)	94.892 (384.184)	-155.046 (230.524)	-163.810 (209.853)	282.752 (278.673)
(1) + (2)	58.214 (0.804)	-219.515 (0.281)	-152.470 (0.369)	148.628 (0.367)
Admiral nursing (1)	615.816 (651.100)	290.102 (216.700)	21.046 (392.100)	709.574** (320.200)
AN x Moderate severity (2)	-374.887 (657.900)	-312.435 (228.100)	41.861 (401.700)	-636.973* (325.500)
AN x Severe severity (3)	-1325.920 (810.000)	-948.352* (486.500)	-511.767 (521.900)	-896.727** (439.100)
(1) + (2)	240.929 (0.264)	-22.333 (0.779)	62.907 (0.639)	72.600 (0.636)
(1) + (3)	-710.104 (0.107)	-658.251 (0.121)	-490.721* (0.092)	-187.154 (0.576)
Admiral nursing (1)	188.868 (234.800)	-255.568 (184.300)	-32.037 (160.100)	110.140 (169.600)
AN x Parent/parent-in-law (2)	-638.532* (378.800)	240.825 (207.000)	-229.857 (245.200)	-186.137 (273.000)
AN x Other relationship (3)	479.273 (958.300)	557.814 (624.900)	-174.296 (461.800)	-133.558 (802.800)
(1) + (2)	-449.664 (0.186)	-14.743 (0.921)	-261.894 (0.196)	-75.997 (0.758)
(1) + (3)	668.141 (0.463)	302.246 (0.612)	-206.333 (0.656)	-23.418 (0.976)

Coefficients on covariates are not reported.

p-value in parenthesis for the sum of coefficients.

Robust standard errors in parentheses; \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.