Appendix Table 1. Characteristics of clients with or without AE (all variables tested)

Characteristic	Adverse events			
	No	Yes	Total	p-value[1]
Sex: Proportion of Female (%)[2]	59.87	54.32	59.50	0.325
Age (years)	71.20	75.93	71.52	*0.016*
Client was at private home/apt before home care admission (%)	54.78	55.56	54.83	0.892
At the time of index admission, living alone (%)	37.44	33.33	37.17	0.460
Number of key informal helpers:				
None	83	3	86	
1-2	868	76	944	
3 or more	41	2	43	
Total	992	81	1073	0.318
Length of stay (days)	347.31	465.60	355.30	0.089
Difficulty with communication at intake of index admission (%)	12.34	21.25	12.95	0.220
Difficulty with communication later on during index admission (%)	14.46	23.75	15.10	*0.025*
Difficulty with communication at intake or later on during index admission (%)	15.35	24.05	15.94	*0.041*
Discharge alive from index admission (%)	88.74	82.72	88.33	0.103
Significant procedure performed before admission (%)	29.94	23.46	29.50	0.217
Cognitive patterns problems (out of 3)[4]	.65	1.12	.68	*0.004*
Communication problems (out of 4)	.71	.96	.72	*0.017*
Mood & Behaviour problems (out of 2)	.31	.49	.32	*0.022*
IADL score = (1 independent, 4 dependent)	2.35	2.82	2.39	*0.000*
IADL (% independent)	43.9	27.4	42.6	*0.000*
ADL (1 independent, 4 dependent)	1.63	1.86	1.65	*0.015*
ADL (% independent)	68.5	59.3	67.8	*0.011*
Client functional status has deteriorated during admission (%)	24.88	56.79	27.11	*0.000*
Pain (%)	55.57	75.38	57.01	*0.002*
History of falls (%)	30.00	43.84	31.09	*0.014*
Notation of environmental home hazard (%)	16.25	24.64	16.86	0.073
Psychotropic medications (%)	26.39	32.05	26.82	0.278
Medications: Number of prescriptions & over-the-counter meds:				
None	33	2	35	
1-3	154	9	163	
4-9	532	36	568	
>9	267	34	301	
Total	986	81	1067	*0.015*

Appendix Table 1. Characteristics of clients with or without AE (all variables tested) (cont.)

Characteristic	Adverse events			
	No	Yes	Total	p-value[2]
Number of comorbid conditions (out of 32)	3.94	5.56	4.05	*0.000*
Cardiac and vascular disease (out of 7)	1.37	2.01	1.41	*0.000*
Cerebrovascular accident (stroke)	.11	.17	.12	0.097
Transient ischemic attack	.08	.15	.08	*0.032*
Congestive heart failure	.09	.15	.09	0.079
Coronary artery disease	.21	.40	.22	*0.000*
Hypertension	.50	.67	.51	*0.004*
Peripheral vascular disease	.08	.10	.09	0.645
Other cardiac/vascular disorder	.29	.38	.30	0.093
Neurological (out of 6)	.19	.31	.20	*0.068*
Alzheimer	.05	.07	.05	0.345
Other dementia	.07	.17	.08	*0.002*
Acute brain injury	.01	.01	.01	0.953
Hemiplegia/hemiparesis	.04	.05	.04	0.782
Quadraplegia/quadraparesis	.01	0.00	.01	0.475
Multiple sclerosis	.01	0.00	.01	0.370
Senses (out of 2)	.17	.16	.17	0.856
Cataract	.13	.12	.13	0.965
Glaucoma	.04	.04	.04	0.773
Psychiatric	.12	.22	.13	0.100
Infections (out of 5)	.25	.53	.27	*0.001*
HIV	.00	0.00	.00	0.703
Pneumonia	.07	.14	.07	*0.018*
Tuberculosis	.00	0.00	.00	0.590
Urinary tract infection	.06	.20	.07	*0.000*
Other Infection	.11	.20	.12	*0.026*
Hematologic (out of 2)	.12	.11	.12	0.878
Chronic Anemia	.10	.10	.10	0.926
Other hematological disease/condition	.02	.01	.02	0.580
Cancer	.27	.25	.27	0.690
Diabetes	.26	.38	.26	*0.012*
Parkinson	.02	.04	.02	0.224
Musculoskeletal (out of 3)	.41	.51	.42	0.166
Arthritis	.25	.31	.26	0.259
Hip fracture	.05	.06	.05	0.728
Other fracture	.10	.14	.11	0.364
Respiratory (out of 2)	.18	.33	.19	*0.020*
Emphysema/Chronic obstructive lung disease	.12	.25	.13	*0.001*
Asthma	.06	.09	.06	0.338
Other comorbid conditions not noted above	.59	.70	.60	*0.045*

1. p-value indicates significant difference between cases with and without adverse event, based on Chi-square test for categorical variables and t-test for continuous variables. None of the p-values correct for multiple comparisons.
2. Indicates the percentage of clients with this characteristic.
3. Indicates the average number of problems or conditions in this category.