

APPENDIX 1 (as supplied by the authors)

Exclusion criteria for home care:

We excluded patients if:

- 1) We were unable to track discharge
- 2) the assessment was written in hospital
- 3) sex information was missing
- 4) the assessment or entry date was missing
- 5) there was no CHESS score
- 6) any assessment was done in long-term care
- 7) client was living in assisted living home or residential care at time of referral
- 8) first assessment is not the initial assessment
- 9) client was aged less than 65 at time of initial assessment
- 10) the initial (baseline) assessment was prior to January 1, 2010.

Exclusion criteria for long-term care

We excluded patients if:

- 1) Gender was "Other"
- 2) the assessment or entry date was missing
- 3) there was no CHESS score
- 4) if q1c (Short stays indicator) = 1, 2 or 3 and discharged within 90 days from the initial assessment.
- 5) Delete if p1aq (respite indicator) = 1 and discharged within 90 days from the initial assessment.
- 6) resident was aged less than 65 at time of initial assessment
- 7) the initial (baseline) assessment was prior to January 1, 2010.

Supplemental Table 1: Effect of selected co-variates			
AGE			
MORTALITY			
	LOW (0)*	MEDIUM (1-2)*	HIGH (3+)*
LONG-TERM CARE FACILITY			
75≤Age<85 versus 65≤Age <75	1.441 (1.258,1.651)**, <.0001	1.247 (1.141,1.362), <.0001	1.177 (1.01,1.372), 0.0369
85≤Age<95 versus 65≤Age <75	2.306 (2.021,2.631), <.0001	1.608 (1.477,1.752), <.0001	1.413 (1.217,1.639), <.0001
95≤Age versus 65≤Age <75	4.023 (3.436,4.709), <.0001	2.111 (1.91,2.334), <.0001	1.589 (1.324,1.907), <.0001
Home care			
75≤Age<85 versus 65≤Age <75	0.97 (0.809,1.163), 0.7403	0.988 (0.904,1.08), 0.79	1.009 (0.915,1.114), 0.8535
85≤Age<95 versus 65≤Age <75	1.331 (1.107,1.601), 0.0024	1.233 (1.123,1.353), <.0001	1.264 (1.137,1.404), <.0001
95≤Age versus 65≤Age <75	2.813 (2.079,3.805), <.0001	2.357 (2.02,2.75), <.0001	1.632 (1.336,1.992), <.0001

HOSPITALIZATION			
	LOW (0)	MEDIUM (1-2)	HIGH (3+)
LONG-TERM CARE FACILITY			
75≤Age<85 <i>versus</i> 65≤Age <75	1.054 (1.015,1.095), 0.0062	0.955 (0.916,0.996), 0.0319	0.994 (0.857,1.153), 0.9388
85≤Age<95 <i>versus</i> 65≤Age <75	1.091 (1.05,1.133), <.0001	0.851 (0.817,0.888), <.0001	0.831 (0.718,0.961), 0.0125
95≤Age <i>versus</i> 65≤Age <75	1.046 (0.983,1.112), 0.1539	0.645 (0.608,0.685), <.0001	0.567 (0.466,0.69), <.0001
Home care			
75≤Age<85 <i>versus</i> 65≤Age <75	0.944 (0.889,1.003), 0.0605	0.927 (0.897,0.958), <.0001	0.952 (0.897,1.009), 0.097
85≤Age<95 <i>versus</i> 65≤Age <75	1.063 (0.999,1.132), 0.0556	0.985 (0.952,1.019), 0.3881	0.975 (0.915,1.038), 0.4212
95≤Age <i>versus</i> 65≤Age <75	1.537 (1.358,1.739), <.0001	1.17 (1.091,1.255), <.0001	0.984 (0.868,1.116), 0.8052
CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)			
MORTALITY			
	LOW (0)	MEDIUM (1-2)	HIGH (3+)
LONG-TERM CARE FACILITY			
	1.51 (1.383,1.647), <.0001	1.287 (1.224,1.353), <.0001	0.953 (0.871,1.044), 0.3021
Home care			
	1.539 (1.27,1.865), <.0001	1.187 (1.097,1.285), <.0001	0.997 (0.92,1.081), 0.9475
HOSPITALIZATION			
LONG-TERM CARE FACILITY			
	1.41 (1.364,1.457), <.0001	1.24 (1.204,1.277), <.0001	1.057 (0.963,1.16), 0.2431
Home care			
	1.417 (1.323,1.517), <.0001	1.152 (1.119,1.187), <.0001	1.006 (0.961,1.053), 0.7966
PNEUMONIA			
MORTALITY			
	LOW (0)*	MEDIUM (1-2)	HIGH (3+)
LONG-TERM CARE FACILITY			
	1.545 (1.195,1.997), 0.0009	1.814 (1.611,2.043), <.0001	2.019 (1.698,2.402), <.0001
Home care			
	1.539 (1.27,1.865), <.0001	1.244 (1.05,1.475), 0.0118	1.197 (1.026,1.397), 0.0225
HOSPITALIZATION			
LONG-TERM CARE FACILITY			

	1.505 (1.343,1.685), <.0001	1.698 (1.567,1.84), <.0001	1.945 (1.624,2.33), <.0001
Home care			
	1.417 (1.323,1.517), <.0001	1.16 (1.081,1.244), <.0001	1.13 (1.027,1.243), 0.0126
<p>*LOW corresponds to Changes in Health, End-Stage Disease, and Signs and Symptoms Scale score of 0, MEDIUM corresponds to Changes in Health, End-Stage Disease, and Signs and Symptoms Scale score of 1-2, HIGH corresponds to Changes in Health, End-Stage Disease, and Signs and Symptoms Scale score of 3+ (3-5),</p> <p>**Numerical ranges in brackets represent 95% confidence intervals</p>			