Appendix 2

Supplemental Figure 1: Visual representation of median, 25th and 75th percentiles of time to death, with censoring at five years

FEN	Age	
>5 years (>5 years - >5 years)	>5 years (2.17 years - >5 years)	65-69
>5 years (4.93 years - >5 years)	4.81 years (2.16 years - >5 years)	70-74
>5 years (3.99 years - >5 years)	4.56 years (1.93 years - >5 years)	75-79
>5 years (3.23 years - >5 years)	3.72 years (1.67 years - >5 years)	80-84
4.68 years (2.42 years - >5 years)	2.98 years (1.07 years - >5 years)	85-89
3.07 years (1.39 years - >5 years)	1.90 years (0.65 years - 3.87years)	90+

MALE				
>5 years (4.30 years - >5 years)	4.44 years (1.57 years - >5 years)			
>5 years (3.56 years - >5 years)	4.18 years (1.67 years - >5 years)			
>5 years (2.79 years - >5 years)	3.49 years (1.36 years - >5 years)			
4.33 years (2.19 years - >5 years)	2.68 years (0.96 years - >5 years)			
3.26 years (1.46 years - >5 years)	2.07 years (0.70 years - 4.07 years)			
2.11 years (0.80 years - 4.02 years)	1.29 years (0.37 years - 2.87 years)			

Format: median survival (75% survival - 25% survival)

NO YES

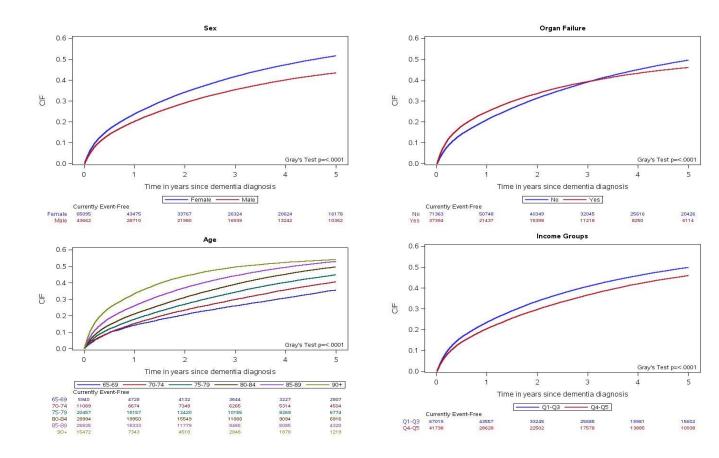
Organ Failure

Format: median survival (75% survival - 25% survival)

NO YES Organ Failure

Appendix to: Huyer G, Brown CRL, Spruin S, et al. Five-year risk of admission to long-term care home and death for older adults given a new diagnosis of dementia: a population-based retrospective cohort study. *CMAJ* 2020. doi: 10.1503/cmaj.190999. Copyright © 2020 The Author(s) or their employer(s).

Supplemental Figure 2: Cumulative incidence curves for admission to a long-term care home



<u>Supplemental Figure 3:</u> Visual representation of median, 25th percentile and 75th percentile of time to admission to a long-term care home, estimated from cumulative incidence function accounting for competing risk of death, with censoring at five years

FEMALE

FEIV	Age	
>5 years (2.86 years - >5 years)	>5 years (1.74 years - >5 years)	65-69
>5 years (2.44 years - >5 years)	>5 years (1.36 years - >5 years)	70-74
>5 years (1.76 years - >5 years)	>5 years (1.32 years - >5 years)	75-79
4.36 years (1.37 years - >5 years)	4.88 years (1.06 years - >5 years)	80-84
3.30 years (0.88 years - >5 years)	4.34 years (0.76 years - >5 years)	85-89
2.31 years (0.47 years - >5 years)	3.30 years (0.44 years - >5 years)	90+

MALE

>5 years	>5 years
(2.98 years - >5 years)	(2.58 years - >5 years)
>5 years	>5 years
(2.53 years - >5 years)	(1.75 years - >5 years)
>5 years	>5 years
(1.98 years - >5 years)	(1.71 years - >5 years)
>5 years	>5 years
(1.61 years - >5 years)	(1.37 years - >5 years)
>5 years	>5 years
(1.15 years - >5 years)	(0.99 years - >5 years)
>5 years	>5 years
(0.71 years - >5 years)	(0.67 years - >5 years)

Format: Median admitted (25% admitted - 75% admitted)

NO YES Organ Failure Format: Median admitted (25% admitted - 75% admitted)

NO YES Organ Failure