

Appendix Table 1a: Characteristics of Males by Functional Disability Status

Variables	Number of Disabilities (Male)					P-value
	Male (n=5341)	Disability=0 (n=3076)	Disability=1 (n=624)	Disability=2 (n=338)	Disability=3+ (n=1303)	
Age, Mean (SE)	70.6 (12.1)	69.4 (12.1)	70.7 (12.1)	72.5 (11.4)	72.6 (11.9)	0.469 ^a
Length of Stay, Median (IQR)	36.5 (20-47)	31 (20-48)	36 (23-51)	32 (19-48)	31 (16-48)	0.0002 ^b
Race, n (%)						
Chinese	4542 (85.04%)	2661 (86.54%)	531 (85.1%)	279 (82.54%)	1071 (82.13%)	0.005 ^c
Malay	429 (8.03%)	208 (6.76%)	53 (8.49%)	36 (10.65%)	132 (10.12%)	
Indian	305 (5.71%)	167 (5.43%)	34 (5.45%)	22 (6.51%)	82 (6.29%)	
Others	65 (1.22%)	39 (1.27%)	6 (0.96%)	1 (0.3%)	19 (1.46%)	
CCMI, n (%)						
0	746 (13.97%)	520 (16.91%)	90 (14.42%)	35 (10.36%)	101 (7.75%)	<0.001 ^c
1 to 3	2443 (45.74%)	1437 (46.73%)	265 (42.47%)	163 (48.22%)	578 (44.33%)	
4 to 6	1871 (35.03%)	978 (31.8%)	226 (36.22%)	124 (36.69%)	543 (41.64%)	
7 +	281 (5.26%)	140 (4.55%)	43 (6.89%)	16 (4.73%)	82 (6.29%)	
Ward Class, n (%)						
Class: A - B2+	474 (8.87%)	280 (9.11%)	61 (9.78%)	35 (10.36%)	98 (7.52%)	<0.001 ^c
Class: B2	1796 (33.63%)	855 (27.8%)	178 (28.53%)	117 (34.62%)	646 (49.54%)	
Class: C	3071 (57.5%)	1940 (63.09%)	385 (61.7%)	186 (55.03%)	560 (42.94%)	
Marital Status, n (%)						
Single	638 (11.95%)	464 (15.09%)	67 (10.74%)	21 (6.21%)	86 (6.6%)	<0.001 ^c
Married	3486 (65.27%)	1904 (61.92%)	417 (66.83%)	243 (71.89%)	922 (70.71%)	
Widowed	1001 (18.74%)	548 (17.82%)	120 (19.23%)	69 (20.41%)	264 (20.25%)	
Separated/Divorced	216 (4.04%)	159 (5.17%)	20 (3.21%)	5 (1.48%)	32 (2.45%)	
Survival Time, Yrs Mean (SE)	5.37 (4.1)	6.4 (4.3)	5.6 (4.5)	4.5 (4.2)	4.3 (4.5)	0.002 ^c

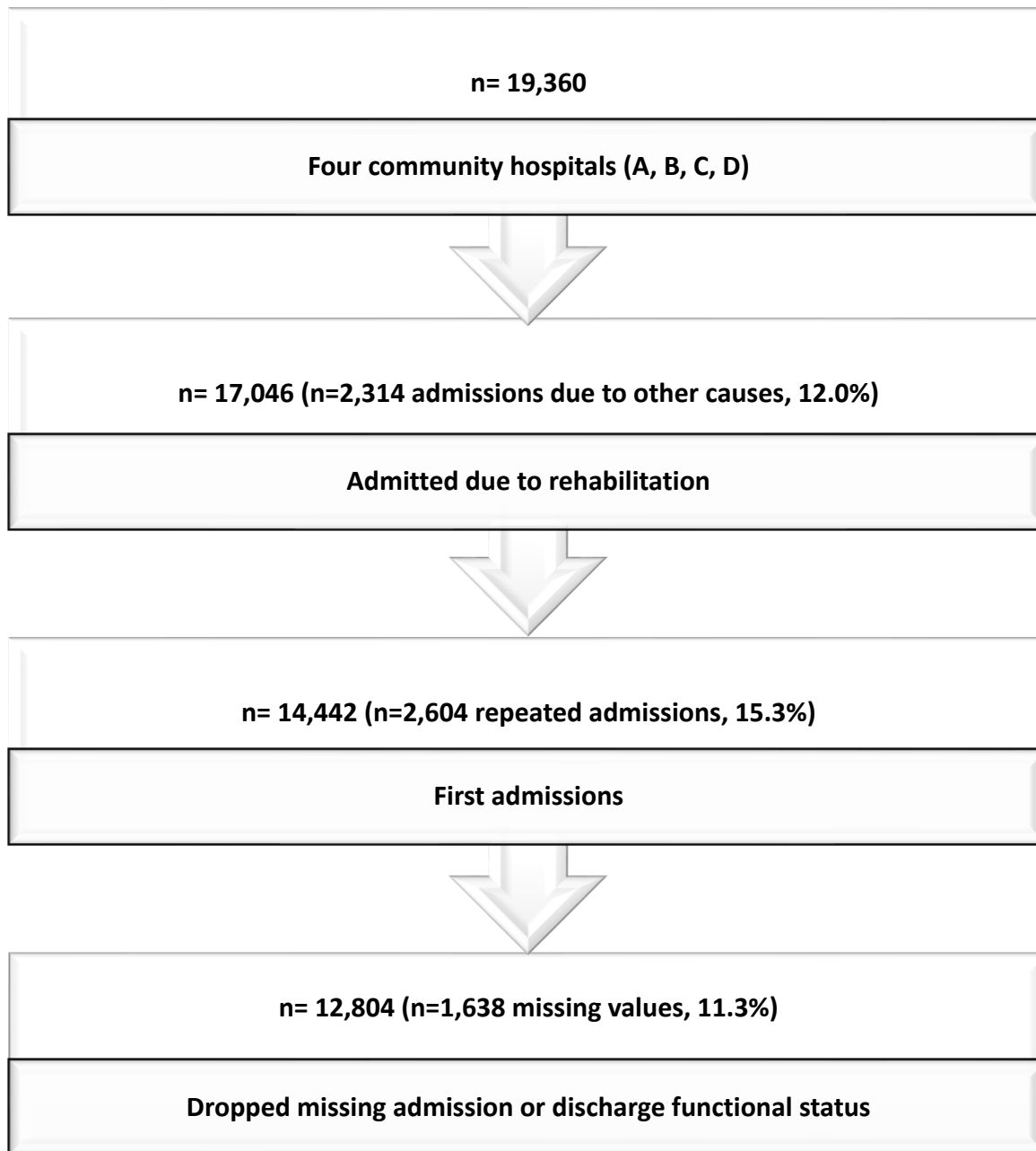
^a ANOVA test; ^b Kruskal-Wallis; ^c Chi-square test

Appendix Table 1b: Characteristics of Females by Functional Disability Status

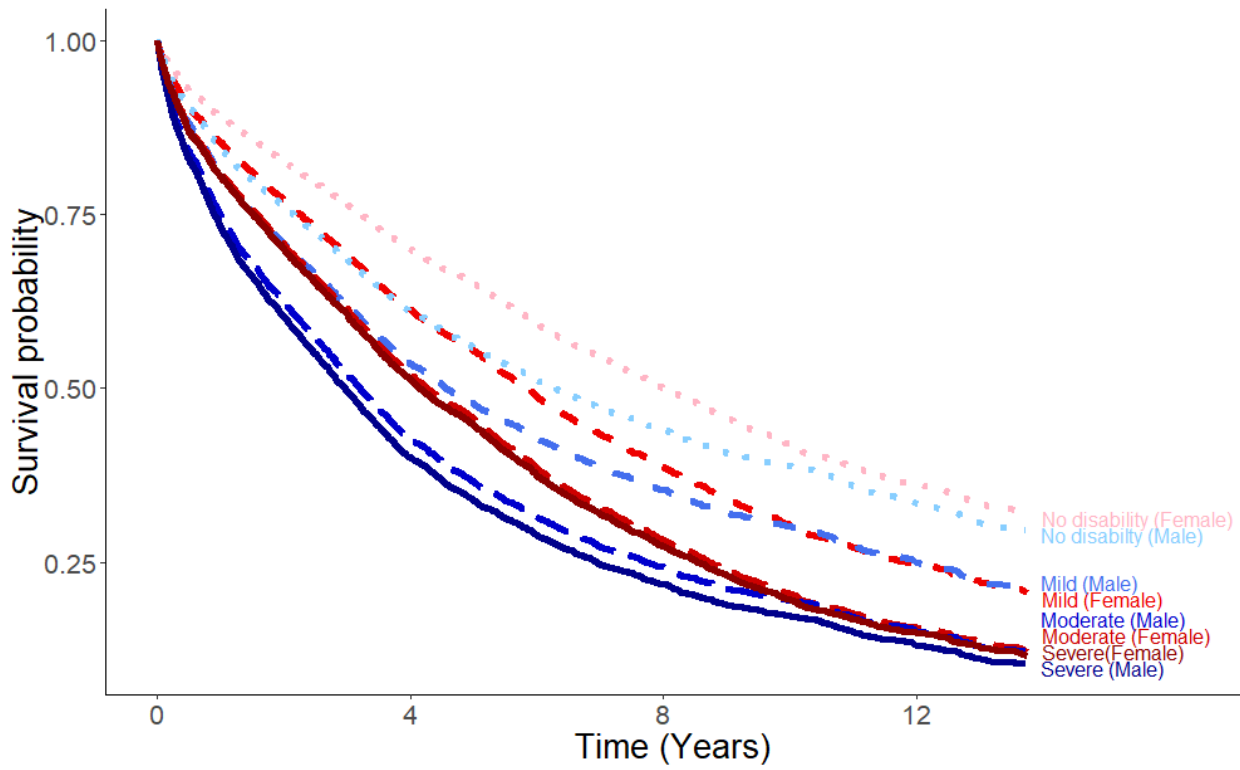
Variables	Number of Disabilities (Female)					P-value
	Female (n=7463)	Disability=0 (n=4436)	Disability=1 (n=908)	Disability=2 (n=425)	Disability=3+ (n=1694)	
Age, Mean (SE)	74.8 (10.8)	74.2 (10.7)	75.3 (10.9)	76.0 (10.4)	75.8 (10.7)	0.791 ^a
Length of Stay, Median (IQR)	36.7 (19-48)	31 (21-46)	34 (22.5-48)	31 (18-44)	32 (18-49)	0.0031 ^b
Race, n (%)						
Chinese	6751 (90.46%)	4077 (91.89%)	804 (88.55%)	374 (88%)	1496 (88.36%)	0.005 ^c
Malay	419 (5.61%)	187 (4.21%)	62 (6.83%)	35 (8.24%)	135 (7.97%)	
Indian	213 (2.85%)	121 (2.73%)	32 (3.52%)	10 (2.35%)	50 (2.95%)	
Others	80 (1.07%)	52 (1.17%)	10 (1.1%)	6 (1.41%)	12 (0.71%)	
CCMI, n (%)						
0	1631 (21.85%)	1225 (27.61%)	173 (19.05%)	52 (12.24%)	181 (10.69%)	<0.001 ^c
1 to 3	3435 (46.03%)	2026 (45.66%)	452 (49.78%)	211 (49.65%)	746 (44.06%)	
4 to 6	2141 (28.69%)	1057 (23.82%)	246 (27.09%)	141 (33.18%)	697 (41.17%)	
7 +	256 (3.43%)	129 (2.91%)	37 (4.07%)	21 (4.94%)	69 (4.08%)	
Ward Class, n (%)						
Class: A - B2+	733 (9.82%)	436 (9.83%)	100 (11.01%)	39 (9.18%)	158 (9.33%)	<0.001 ^c
Class: B2	2682 (35.94%)	1463 (32.97%)	277 (30.51%)	142 (33.41%)	800 (47.25%)	
Class: C	4048 (54.24%)	2538 (57.2%)	531 (58.48%)	244 (57.41%)	735 (43.41%)	
Marital Status, n (%)						
Single	461 (6.18%)	334 (7.53%)	42 (4.63%)	25 (5.88%)	60 (3.54%)	<0.001 ^c
Married	1997 (26.76%)	1182 (26.64%)	232 (25.55%)	115 (27.06%)	468 (27.64%)	
Widowed	4852 (65.01%)	2825 (63.67%)	616 (67.84%)	275 (64.71%)	1136 (67.1%)	
Separated/Divorced	153 (2.05%)	96 (2.16%)	18 (1.98%)	10 (2.35%)	29 (1.71%)	
Survival Time, Yrs Mean (SE)	6.0(3.96)	7.1 (4.1)	6.0 (4.1)	4.9 (4.1)	5.1 (4.5)	<0.001 ^c

^a ANOVA test; ^b Kruskal-Wallis; ^c Chi-square test

Appendix figure 1. Schematic diagram of the study population



Appendix Figure 2: Survival plots for gender by ADL disability*



Appendix Figure 2 illustrates survival probabilities for males and females across time, according to number of functional disabilities*.

Female (red color), Male (blue color).

Severity of disability: No disability= 0 ADL disability (dotted line), Mild= 1 ADL Disability (dash line), Moderate= 2 ADL Disabilities (long-dash line), Severe= 3 or more ADL disabilities (solid line)

