

Table 2. Characteristics of patients by sex and ethnicity among elderly adults (age  $\geq 65$  years)

	Women			<i>P</i> <sup>a</sup>	Men			<i>P</i> <sup>a</sup>
	Chinese (n=13,171)	Malay (n=1736)	Indian (n=664)		Chinese (n=12,043)	Malay (n=1627)	Indian (n=690)	
Age, years								
Median (IQR)	80 (74–87)	76 (71–82)	77 (72–82)	<0.001 <sup>b,c</sup>	76 (70–82)	76 (70–82)	77 (71–83)	0.039 <sup>d</sup>
Mean (SD)	81 (8)	77 (7)	77 (7)		77 (8)	76 (7)	77 (8)	
Housing type, no. (%)								
Public (studio apartments)	1384 (10.5)	289 (16.7)	70 (10.5)	<0.001 <sup>b,d</sup>	1359 (11.3)	251 (15.4)	116 (16.8)	<0.001 <sup>b,c,d</sup>
Public (small apartments)	3518 (26.7)	514 (29.6)	152 (22.9)		3258 (27.1)	523 (32.2)	162 (23.5)	
Public (medium apartments)	3842 (29.2)	535 (30.8)	193 (29.1)		3344 (27.8)	474 (29.1)	171 (24.8)	
Public (large apartments)	2571 (19.5)	356 (20.5)	155 (23.3)		2301 (19.1)	339 (20.8)	130 (18.8)	
Private (condominiums)	786 (6.0)	13 (0.8)	42 (6.3)		740 (6.1)	17 (1.0)	42 (6.1)	
Private (houses)	1070 (8.1)	29 (1.7)	52 (7.8)		1041 (8.6)	23 (1.4)	69 (10.0)	
Place of notification, no. (%)								
Inpatient	9911 (75.3)	1427 (82.2)	508 (76.5)	<0.001 <sup>b,d</sup>	9096 (75.5)	1332 (81.9)	545 (79.0)	<0.001 <sup>b,c,d</sup>
Public clinic	1606 (12.2)	152 (8.8)	77 (11.6)		1678 (13.9)	176 (10.8)	67 (9.7)	
Emergency department	1214 (9.2)	138 (8.0)	60 (9.0)		924 (7.7)	100 (6.2)	57 (8.3)	
Private clinic	440 (3.3)	19 (1.1)	19 (2.9)		345 (2.9)	19 (1.2)	21 (3.0)	
CHA <sub>2</sub> DS <sub>2</sub> VASc score								
Median (IQR)	6 (4–7)	6 (4–7)	6 (5–7)	<0.001 <sup>c,d</sup>	4 (3–5)	5 (3–6)	5 (4–6)	<0.001 <sup>b,c,d</sup>
Mean (SD)	5.6 (1.7)	5.6 (1.7)	5.9 (1.6)		4.2 (1.7)	4.5 (1.7)	4.8 (1.6)	
0	0	0	0		0	0	0	
$\geq 2$	13,171 (100.0)	1736 (100.0)	664 (100.0)	Not applicable	11,571 (96.1)	1579 (97.1)	675 (97.8)	0.013 <sup>c</sup>

	Women				Men			
	Chinese (n=13,171)	Malay (n=1736)	Indian (n=664)	<i>P</i> <sup>a</sup>	Chinese (n=12,043)	Malay (n=1627)	Indian (n=690)	<i>P</i> <sup>a</sup>
Diagnosis prior to or within 6 months after first AF, no. (%)								
Hypertension	11,468 (87.1)	1517 (87.4)	607 (91.4)	0.005 <sup>c,d</sup>	10,006 (83.1)	1350 (83.0)	615 (89.1)	<0.001 <sup>c,d</sup>
Hyperlipidaemia	9050 (68.7)	1268 (73.0)	545 (82.1)	<0.001 <sup>b,c,d</sup>	8110 (67.3)	1163 (71.5)	557 (80.7)	<0.001 <sup>b,c,d</sup>
Diabetes	5729 (43.5)	972 (56.0)	430 (64.8)	<0.001 <sup>b,c,d</sup>	4780 (39.7)	808 (49.7)	428 (62.0)	<0.001 <sup>b,c,d</sup>
Renal impairment	3410 (25.9)	622 (35.8)	193 (29.1)	<0.001 <sup>b,d</sup>	3329 (27.6)	627 (38.5)	217 (31.5)	<0.001 <sup>b,c,d</sup>
End-stage renal failure	804 (6.1)	160 (9.2)	36 (5.4)	<0.001 <sup>b,d</sup>	703 (5.8)	121 (7.4)	40 (5.8)	0.038 <sup>b</sup>
Diagnosis prior to first AF, no. (%)								
Ischaemic heart disease	5960 (45.3)	878 (50.6)	424 (63.9)	<0.001 <sup>b,c,d</sup>	6039 (50.2)	968 (59.5)	485 (70.3)	<0.001 <sup>b,c,d</sup>
Chronic heart failure	4138 (31.4)	658 (37.9)	295 (44.4)	<0.001 <sup>b,c,d</sup>	3228 (26.8)	625 (38.4)	244 (35.4)	<0.001 <sup>b,c</sup>
Stroke/transient ischaemic attack	3981 (30.2)	493 (28.4)	177 (26.7)	0.053 <sup>c</sup>	3353 (27.8)	432 (26.6)	187 (27.1)	0.521
Haemorrhagic stroke	680 (5.2)	105 (6.1)	35 (5.3)	0.300	728 (6.1)	102 (6.3)	34 (4.9)	0.439
Systemic embolism	121 (0.9)	23 (1.3)	11 (1.7)	0.059	114 (1.0)	23 (1.4)	6 (0.9)	0.193
Vascular disease	766 (5.8)	130 (7.5)	55 (8.3)	0.001 <sup>b,c</sup>	769 (6.4)	101 (6.2)	84 (12.2)	<0.001 <sup>c,d</sup>
Dementia	914 (6.9)	100 (5.8)	31 (4.7)	0.018 <sup>c</sup>	500 (4.2)	76 (4.7)	43 (6.2)	0.024 <sup>c</sup>
Depression	620 (4.7)	59 (3.4)	40 (6.0)	0.011 <sup>b,d</sup>	354 (2.9)	35 (2.2)	23 (3.3)	0.153
Hyperthyroidism	435 (3.3)	67 (3.9)	17 (2.6)	0.251	193 (1.6)	25 (1.5)	10 (1.5)	0.938
Cancer	1375 (10.4)	133 (7.7)	45 (6.8)	<0.001 <sup>b,c</sup>	1750 (14.5)	122 (7.5)	52 (7.5)	<0.001 <sup>b,c</sup>
All-cause deaths within 1 year from diagnosis of AF, no. (%)	3758 (28.5)	556 (32.0)	182 (27.4)	<0.007 <sup>b,d</sup>	3419 (28.4)	526 (31.7)	186 (27.0)	0.014 <sup>b,d</sup>
Cardiovascular deaths within 1 year from diagnosis of AF, no. (%)	1345 (10.2)	260 (15.0)	72 (10.8)	<0.001 <sup>b,d</sup>	1109 (9.2)	233 (14.3)	74 (10.7)	<0.001 <sup>b,d</sup>

AF: atrial fibrillation; IQR: interquartile range; SD: standard deviation

<sup>a</sup> The *P* value indicates whether there is statistically significant difference across the 3 ethnicities while the superscript letters indicate pairwise comparisons

<sup>b</sup> Statistically significant difference between Chinese and Malays, *P*<0.05

<sup>c</sup> Statistically significant difference between Chinese and Indians, *P*<0.05

<sup>d</sup> Statistically significant difference between Malays and Indians, *P*<0.05