

Table 1. Characteristics of patients by sex and ethnicity among middle-aged adults (age 45–64 years)

	Women				Men			
	Chinese (n=2434)	Malay (n=805)	Indian (n=204)	<i>P</i> ^a	Chinese (n=5645)	Malay (n=1194)	Indian (n=389)	<i>P</i> ^a
Age, years								
Median (IQR)	58 (54–62)	58 (54–61)	59 (53–62)	0.114 ^b	58 (54–62)	57 (53–61)	58 (54–61)	<0.001 ^b
Mean (SD)	57 (5)	57 (5)	57 (5)		57 (5)	57 (5)	57 (5)	
Housing type, no. (%)								
Public (studio apartments)	182 (7.5)	146 (18.1)	27 (13.2)	<0.001 ^{b,c}	552 (9.8)	162 (13.6)	46 (11.8)	<0.001 ^{b,c,d}
Public (small apartments)	628 (25.8)	210 (26.1)	49 (24.0)		1270 (22.5)	284 (23.8)	106 (27.3)	
Public (medium apartments)	800 (32.9)	270 (33.5)	67 (32.8)		1718 (30.4)	444 (37.2)	110 (28.3)	
Public (large apartments)	537 (22.1)	165 (20.5)	52 (25.5)		1333 (23.6)	278 (23.3)	95 (24.4)	
Private (condominiums)	172 (7.1)	7 (0.9)	6 (2.9)		449 (8.0)	16 (1.3)	21 (5.4)	
Private (houses)	115 (4.7)	7 (0.9)	3 (1.5)		323 (5.7)	10 (0.8)	11 (2.8)	
Place of notification, no. (%)								
Inpatient	1289 (53.0)	567 (70.4)	130 (63.7)	<0.001 ^{b,c,d}	3443 (70.0)	881 (73.8)	290 (74.6)	<0.001 ^{b,c,d}
Public clinic	642 (26.4)	116 (14.4)	38 (18.6)		1111 (19.7)	132 (11.1)	37 (9.5)	
Emergency department	390 (16.0)	117 (14.5)	31 (15.2)		856 (15.2)	162 (13.6)	42 (10.8)	
Private clinic	113 (4.6)	5 (0.6)	5 (2.5)		235 (4.2)	19 (1.6)	20 (5.1)	
CHA ₂ DS ₂ VASc score								
Median (IQR)	2 (1–4)	3 (2–5)	3 (2–5)	<0.001 ^{b,c}	2 (1–3)	2 (1–4)	3 (2–4)	<0.001 ^{b,c,d}
Mean (SD)	2.6 (1.5)	3.5 (1.6)	3.4 (1.7)		2.0 (1.6)	2.5 (1.6)	2.7 (1.6)	
0	680 (27.9)	92 (11.4)	29 (14.2)		1091 (19.3)	148 (12.4)	41 (10.5)	
≥2	1754 (72.1)	713 (88.6)	175 (85.8)	<0.001 ^{b,c}	3347 (59.3)	865 (72.5)	301 (77.4)	<0.001 ^{b,c}

Table 1. Characteristics of patients by sex and ethnicity among middle-aged adults (age 45–64 years) (Cont'd)

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	Chinese (n=2434)	Malay (n=805)	Indian (n=204)	<i>P</i> ^a	Chinese (n=5645)	Malay (n=1194)	Indian (n=389)	<i>P</i> ^a
Diagnosis prior to or within 6 months after first AF, no. (%)								
Hypertension	1426 (58.6)	623 (77.4)	149 (73.0)	<0.001 ^{b,c}	3682 (65.2)	848 (71.0)	279 (71.7)	<0.001 ^{b,c}
Hyperlipidaemia	1168 (48.0)	571 (70.9)	144 (70.6)	<0.001 ^{b,c}	3188 (56.5)	809 (67.8)	290 (74.6)	<0.001 ^{b,c,d}
Diabetes	657 (27.0)	449 (55.8)	119 (58.3)	<0.001 ^{b,c}	1859 (32.9)	561 (47.0)	214 (55.0)	<0.001 ^{b,c,d}
Renal impairment	345 (14.2)	245 (30.4)	45 (22.1)	<0.001 ^{b,c,d}	819 (14.5)	289 (24.2)	84 (21.6)	<0.001 ^{b,c}
End-stage renal failure	200 (8.2)	125 (15.5)	21 (10.3)	<0.001 ^b	368 (6.5)	115 (9.6)	32 (8.2)	0.001 ^b
Ischaemic heart disease	579 (23.8)	300 (37.3)	83 (40.7)	<0.001 ^{b,c}	2455 (43.5)	668 (56.0)	265 (68.1)	<0.001 ^{b,c,d}
Chronic heart failure	436 (17.9)	255 (31.7)	60 (29.4)	<0.001 ^{b,c}	1116 (19.8)	402 (33.7)	126 (32.4)	<0.001 ^{b,c}
Stroke/transient ischaemic attack	315 (12.9)	138 (17.1)	28 (13.7)	0.012 ^b	893 (15.8)	176 (14.7)	65 (16.7)	0.551
Haemorrhagic stroke	76 (3.1)	30 (3.7)	4 (2.0)	0.447	243 (4.3)	53 (4.4)	20 (5.1)	0.732
Systemic embolism	14 (0.6)	8 (1.0)	4 (2.0)	0.051 ^c	39 (0.7)	12 (1.0)	7 (1.8)	0.042 ^c
Vascular disease	69 (2.8)	53 (6.6)	14 (6.9)	<0.001 ^{b,c}	217 (3.8)	67 (5.6)	38 (9.8)	<0.001 ^{b,c,d}
Dementia	2 (0.1)	6 (0.8)	0	0.011 ^b	14 (0.3)	2 (0.2)	1 (0.3)	0.904
Depression	62 (2.6)	19 (2.4)	11 (5.4)	0.044 ^{c,d}	100 (1.8)	25 (2.1)	9 (2.3)	0.594
Hyperthyroidism	217 (8.9)	61 (7.6)	9 (4.4)	0.055 ^c	190 (3.4)	57 (4.8)	5 (1.3)	0.003 ^{b,c,d}
Cancer	210 (8.6)	51 (6.3)	16 (7.8)	0.116 ^b	349 (6.2)	49 (4.1)	19 (4.9)	0.015 ^b
All-cause deaths within 1 year from diagnosis of AF, no. (%)	274 (11.3)	132 (16.4)	36 (17.7)	<0.001 ^{b,c}	651 (11.5)	186 (15.6)	58 (14.9)	<0.001 ^{b,c}
Cardiovascular deaths within 1 year from diagnosis of AF, no. (%)	91 (3.7)	51 (6.3)	15 (7.4)	0.001 ^{b,c}	252 (4.5)	103 (8.6)	22 (5.7)	<0.001 ^b

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

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

^b Statistically significant difference between Chinese and Malays, *P*<0.05

^c Statistically significant difference between Chinese and Indians, *P*<0.05

^d Statistically significant difference between Malays and Indians, *P*<0.05