

Supplementary file 3-4. Event rates of stroke according to AF status in patients with HF_rEF, HF_mrEF, and HF_pEF (Continued)

Subgroup	HF _r EF (EF<40%)				HF _m rEF (EF 40-49%)				HF _p EF (EF≥50%)			
	Cases (%)		Hazard Ratios (AF vs. without AF)	P _{interaction}	Cases (%)		Hazard Ratios (AF vs. without AF)	P _{interaction}	Cases (%)		Hazard Ratios (AF vs. without AF)	P _{interaction}
	Without AF	With AF			Without AF	With AF			Without AF	With AF		
Age												
<65 years	35 (3.9)	15 (4.7)		0.486	13 (8.4)	5 (8.2)		0.492	7 (3.6)	10 (8.4)		0.603
≥65 years	56 (4.1)	39 (6.5)			27 (7.3)	29 (10.1)			28 (5.1)	44 (8.9)		
Sex												
Male	59 (4.3)	32 (5.4)		0.223	24 (9.1)	12 (8.1)		0.137	14 (4.8)	17 (7.5)		0.658
Female	32 (3.6)	22 (6.6)			16 (6.1)	22 (11.1)			21 (4.7)	37 (9.6)		
Location												
De novo HF	50 (4.1)	25 (6.1)		0.934	25 (7.6)	16 (9.8)		0.893	20 (4.2)	26 (9.6)		0.319
ADHF	41 (3.9)	29 (5.7)			15 (7.5)	18 (9.8)			15 (5.6)	28 (8.1)		
Hypertension												
No	31 (3.4)	22 (5.6)		0.561	8 (4.8)	12 (9.8)		0.246	9 (3.7)	14 (6.8)		0.992
Yes	60 (4.5)	32 (6.0)			32 (8.8)	22 (9.7)			26 (5.2)	40 (9.8)		
Diabetes Mellitus												
No	43 (3.5)	35 (5.9)		0.426	19 (6.6)	21 (8.6)		0.742	24 (5.1)	40 (9.4)		0.909
Yes	48 (4.7)	19 (5.8)			21 (8.8)	13 (12.6)			11 (4.1)	14 (7.4)		
Renal failure												
No	61 (3.8)	39 (5.8)		0.922	22 (6.4)	29 (10.4)		0.169	23 (4.2)	51 (10.1)		0.019
Yes	30 (4.6)	15 (6.1)			18 (9.9)	5 (7.2)			12 (6.0)	3 (2.7)		
Prior stroke												
No	72 (3.7)	38 (5.0)		0.901	30 (6.6)	23 (8.3)		0.504	28 (4.3)	42 (8.5)		0.599
Yes	19 (6.6)	16 (9.7)			10 (14.3)	10 (14.1)			7 (7.1)	12 (10.3)		

AF, atrial fibrillation; EF, ejection fraction; HF_rEF, heart failure with reduced ejection fraction; HF_mrEF, heart failure with mid-range ejection fraction; HF_pEF, heart failure with preserved ejection fraction; ADHF, acute decompensated heart failure; NYHA, New York Heart Association; DM, diabetes mellitus; IHD, ischemic heart disease.

Supplementary file 3-4. Event rates of stroke according to AF status in patients with HFrEF, HFmrEF, and HFpEF

Subgroup	HFrEF (EF<40%)				HFmrEF (EF 40-49%)				HFpEF (EF≥50%)			
	Cases (%)		Hazard Ratios (AF vs. without AF)	P _{interaction}	Cases (%)		Hazard Ratios (AF vs. without AF)	P _{interaction}	Cases (%)		Hazard Ratios (AF vs. without AF)	P _{interaction}
	Without AF	With AF			Without AF	With AF			Without AF	With AF		
Beta-blockers												
No	31 (4.1)	14 (4.9)		0.446	8 (5.3)	13 (10.1)		0.298	14 (4.0)	21 (7.8)		0.855
Yes	60 (4.0)	40 (6.3)			32 (8.5)	21 (9.6)			21 (5.4)	33 (9.6)		
ACEI or ARB												
No	16 (4.0)	10 (5.1)		0.691	10 (6.9)	10 (10.8)		0.709	13 (4.8)	22 (8.9)		0.994
Yes	75 (4.0)	44 (6.1)			30 (7.9)	24 (9.4)			22 (4.7)	32 (8.7)		
AA												
No	33 (4.0)	14 (4.1)		0.166	23 (8.1)	13 (8.9)		0.441	22 (5.4)	23 (9.3)		0.631
Yes	58 (4.0)	40 (6.9)			17 (7.0)	21 (10.4)			13 (3.9)	31 (8.4)		

AF, atrial fibrillation; EF, ejection fraction; HFrEF, heart failure with reduced ejection fraction; HFmrEF, heart failure with mid-range ejection fraction; HFpEF, heart failure with preserved ejection fraction; ADHF, acute decompensated heart failure; NYHA, New York Heart Association; DM, diabetes mellitus; IHD, ischemic heart disease.