

Supplementary file 2. Clinical outcomes according to the HF types in patients with and without AF

	Without AF				With AF			
	Unadjusted		Adjusted		Unadjusted		Adjusted	
	HR (95% CI)	P-value	HR (95% CI)	P-value	HR (95% CI)	P-value	HR (95% CI)	P-value
All-cause mortality								
HFpEF	reference		reference		reference		reference	
HFrEF	1.034 (0.921-1.159)	0.573	0.988 (0.859-1.137)	0.868	0.871 (0.756-1.004)	0.056	0.915 (0.765-1.095)	0.333
HFmrEF	1.053 (0.904-1.228)	0.507	0.914 (0.771-1.083)	0.299	0.978 (0.819-1.169)	0.809	0.906 (0.742-1.108)	0.337
All-cause mortality or rehospitalization								
HFpEF	reference		reference		reference		reference	
HFrEF	1.017 (0.927-1.116)	0.720	1.071 (0.955-1.202)	0.240	1.189 (0.904-1.564)	0.216	1.028 (0.888-1.190)	0.710
HFmrEF	0.930 (0.820-1.054)	0.257	0.957 (0.832-1.101)	0.536	0.985 (0.684-1.419)	0.936	1.010 (0.860-1.188)	0.900
CVD mortality								
HFpEF	reference		reference		reference		reference	
HFrEF	1.638 (1.289-2.080)	<0.001	1.459 (1.097-1.940)	0.009	0.984 (0.877-1.104)	0.789	1.090 (0.769-1.545)	0.627
HFmrEF	1.246 (0.905-1.716)	0.177	1.053 (0.740-1.499)	0.773	1.082 (0.935-1.251)	0.291	0.850 (0.562-1.287)	0.443
Stroke								
HFpEF	reference		reference		reference		reference	
HFrEF	1.017 (0.927-1.116)	0.720	0.784 (0.493-1.247)	0.305	0.665 (0.456-0.970)	0.034	0.863 (0.5469-1.365)	0.529
HFmrEF	0.930 (0.820-1.054)	0.257	1.335 (0.808-2.204)	0.259	1.094 (0.712-1.680)	0.682	1.083 (0.676-1.736)	0.741

Adjusted for sex, age, smoking status, alcohol consumption, medical history (NYHA functional class, hypertension, diabetes mellitus, ischemic heart disease, renal failure, cancer, prior stroke), heart rate, systolic blood pressure, diastolic blood pressure, body mass index, laboratory examination (white blood cells, glycated hemoglobin [HbA1c], potassium, sodium, hemoglobin, blood urea nitrogen [BUN], creatinine, BNP or NT-proBNP), and medications before or at admission or at discharge (use of angiotensin-converting enzyme inhibitor or angiotensin receptor blockers, beta-blockers, aldosterone antagonist, nitrate, diuretic, anticoagulant, antiplatelet, and statin)