

Supplementary file 3-2. Event rates of all-cause mortality or readmission according to AF status in patients with HFrEF, HFmrEF, and HFpEF (Continued)

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		
Age												
<65 years	617 (68.8)	215 (66.8)		0.325	99 (63.9)	46 (75.4)		0.223	132 (68.4)	74 (62.2)		0.182
≥65 years	1202 (88.1)	498 (83.1)			315 (84.7)	243 (84.7)			464 (84.4)	418 (84.4)		
Sex												
Male	1099 (80.7)	446 (75.7)		0.324	201 (75.8)	122 (81.9)		0.589	233 (79.3)	185 (81.1)		0.406
Female	720 (80.0)	267 (80.4)			213 (81.3)	167 (83.9)			363 (80.8)	307 (79.5)		
Location												
De novo HF	878 (71.8)	273 (66.7)		0.645	238 (72.6)	131 (79.9)		0.971	357 (75.3)	201 (74.4)		0.841
ADHF	941 (90.6)	440 (85.9)			176 (88.4)	158 (85.9)			239 (88.8)	291 (84.6)		
Hypertension												
No	703 (76.3)	280 (71.8)		0.150	120 (72.7)	98 (80.3)		0.551	186 (76.9)	158 (76.3)		0.850
Yes	1116 (83.3)	433 (81.5)			294 (81.2)	191 (84.5)			410 (81.8)	334 (82.1)		
Diabetes Mellitus												
No	933 (75.2)	441 (74.2)		0.830	222 (76.8)	200 (81.6)		0.519	363 (76.6)	335 (79.0)		0.895
Yes	886 (86.8)	272 (83.2)			192 (80.7)	89 (86.4)			233 (86.6)	157 (82.6)		
Renal failure												
No	1214 (75.5)	492 (72.7)		0.555	248 (71.9)	227 (81.4)		0.079	414 (76.4)	393 (78.0)		0.315
Yes	605 (92.5)	221 (90.6)			166 (91.2)	62 (89.9)			182 (90.5)	99 (90.0)		
Prior stroke												
No	1551 (78.7)	573 (75.8)		0.616	353 (77.2)	227 (82.2)		0.092	511 (79.3)	390 (78.5)		0.818
Yes	268 (92.4)	140 (84.8)			61 (87.1)	61 (85.9)			85 (85.9)	102 (87.2)		

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.

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	Without AF	With AF			Without AF	With AF			Without AF	With AF		
Beta-blockers												
No	649 (85.3)	239 (83.3)		0.883	118 (77.6)	112 (86.8)		0.300	282 (80.1)	223 (82.6)		0.529
Yes	1170 (78.0)	474 (74.8)		0.875	296 (78.9)	177 (80.8)		0.687	314 (80.3)	269 (78.2)		0.322
ACEI or ARB												
No	363 (91.2)	172 (87.3)		0.167	115 (79.3)	81 (87.1)		0.452	222 (81.9)	196 (79.0)		0.149
Yes	1456 (78.2)	541 (74.7)		0.167	299 (78.3)	208 (81.6)		0.452	374 (79.2)	296 (80.9)		0.149
AA												
No	676 (82.8)	261 (77.0)		0.167	223 (78.2)	120 (82.2)		0.452	329 (80.0)	202 (82.1)		0.149
Yes	1143 (79.1)	452 (77.7)		0.167	191 (78.9)	169 (83.7)		0.452	267 (80.4)	290 (78.8)		0.149

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