

SUPPLEMENTARY MATERIAL

Supplemental Table S1: Associations with the secondary outcome

	All-Cause Mortality		Heart Failure Hospitalization	
	Adjusted HR (95% CI)	p-value	Adjusted subHR(95% CI)	p-value
RVSP Category				
<40 mmHg	Reference	Reference	Reference	Reference
40-49 mmHg	1.21 (0.98 – 1.50)	0.077	1.50 (1.13 – 2.01)	0.006
50-59 mm Hg	1.69 (1.35 – 2.10)	<0.001	1.59 (1.16 – 2.16)	0.003
>=60 mmHg	2.13 (1.67 – 2.72)	<0.001	1.88 (1.34 – 2.64)	<0.001
RVSP Category Change				
Persistently Normal	Reference	Reference	Reference	Reference
Improving RVSP	1.36 (1.12 – 1.66)	0.002	1.32 (1.01 – 1.73)	0.043
Worsening RVSP	1.12 (0.86 – 1.46)	0.409	1.29 (0.90 – 1.85)	0.162
Persistently Abnormal	1.15 (0.88 – 1.51)	0.309	1.18 (0.81 – 1.71)	0.389

Supplemental Table S1: Associations with the secondary outcomes. The full multivariable model from Figure 4 was used for this analysis. CI – confidence interval, HR – hazard ratio, RVSP – right ventricular systolic pressure, subHR – subdistribution hazard ratio.

Supplemental Table S2: Associations with the primary outcome

	Patients with HFrEF		Patients without HFrEF	
	Adjusted HR (95% CI)	p-value	Adjusted HR(95% CI)	p-value
RVSP Category				
<40 mmHg	Reference	Reference	Reference	Reference
40-49 mmHg	1.24 (0.90 – 1.70)	0.184	1.33 (1.11 – 1.59)	0.002
50-59 mm Hg	1.43 (1.02 – 2.00)	0.041	1.61 (1.32 – 1.95)	<0.001
>=60 mmHg	1.72 (1.18 – 2.50)	0.004	1.98 (1.60 – 2.45)	<0.001
RVSP Category Change				
Persistently Normal	Reference	Reference	Reference	Reference
Improving RVSP	1.33 (1.01 – 1.75)	0.043	1.11 (0.95 – 1.31)	0.196
Worsening RVSP	1.47 (1.00 – 2.17)	0.048	0.95 (0.76 – 1.19)	0.671
Persistently Abnormal	1.24 (0.83 – 1.85)	0.295	0.97 (0.77 – 1.23)	0.821

Supplemental Table S2: Associations with the primary outcome in patients with and without heart failure with reduced ejection fraction (HFrEF). The full multivariable model from Figure 4 was used for this analysis with the exception of heart failure category since it defined the categories. CI – confidence interval, HR – hazard ratio, RVSP – right ventricular systolic pressure.