

Supplementary material

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Figure S1. Study flow chart

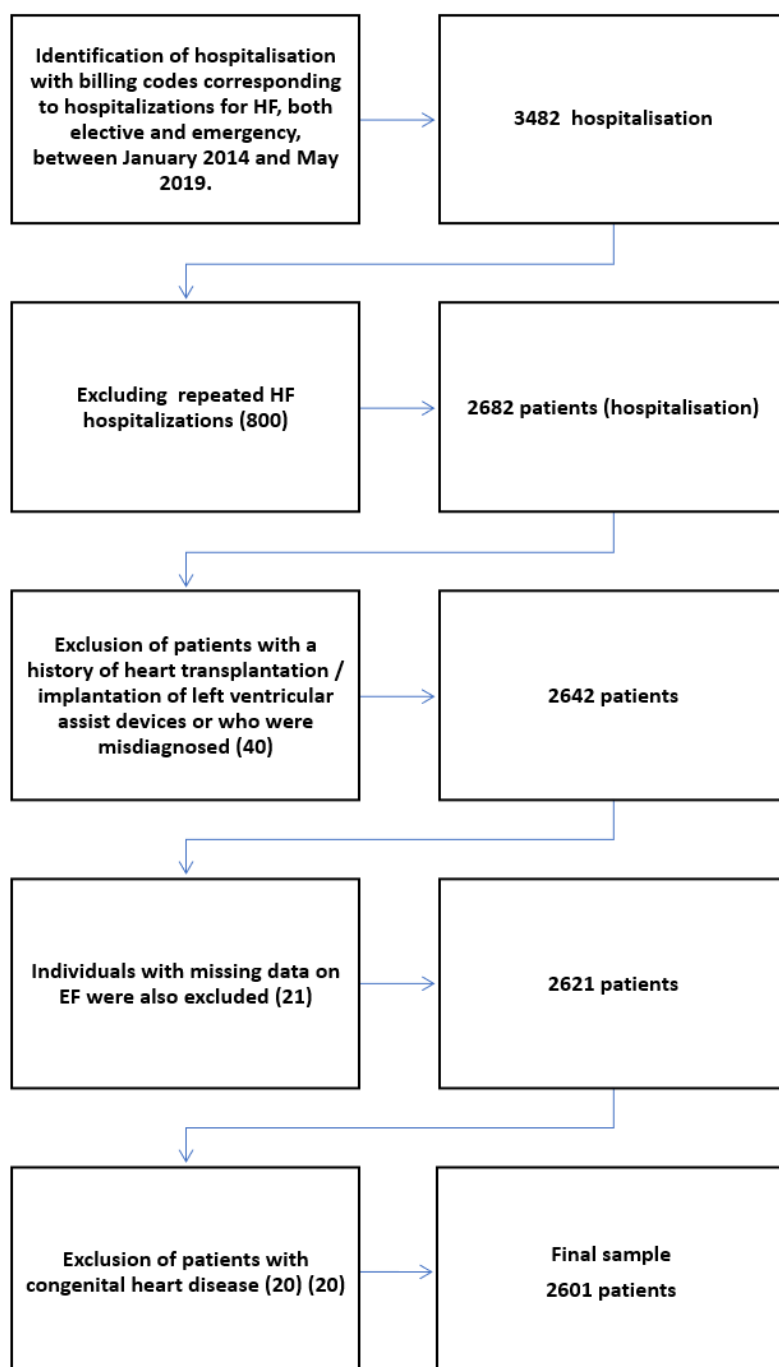


Table S1. Predictors of all cause death by univariable Cox proportional hazard models

according to heart failure phenotype.

	HF _r EF			HF _{mr} EF			HF _p EF		
	HR	95% CI	p	HR	95% CI	p	HR	95% CI	p
Inotropes	2.89	2.41-3.45	<0.001	8.09	5.04-12.99	<0.001	2.80	2.02-3.87	<0.001
Loops diuretics	3.02	1.96-4.67	<0.001	4.58	1.97-10.65	<0.001	3.94	2.33-6.66	<0.001
Liver dysfunction	2.75	2.10-3.59	<0.001	1.66	0.67-4.09	0.27	2.80	1.60-4.91	<0.001
Chronic heart failure	1.93	1.44-2.57	<0.001	1.96	1.04-3.70	0.04	1.43	0.95-2.16	0.09
TR	2.22	1.90-2.60	<0.001	2.75	1.82-4.17	<0.001	2.31	1.75-3.05	<0.001
Renal dysfunction	2.51	2.15-2.93	<0.001	2.31	1.55-3.46	<0.001	2.28	1.74-3.00	<0.001
Aortic stenosis	2.06	1.54-2.75	<0.001	3.12	1.84-5.30	<0.001	1.82	1.33-2.50	<0.001
PAD	1.62	1.32-2.00	<0.001	2.15	1.26-3.68	0.01	1.70	1.16-2.49	0.01
Anemia	2.01	1.67-2.42	<0.001	3.23	2.13-4.90	<0.001	2.19	1.66-2.89	<0.001
ICD/ICD CRT	1.54	1.30-1.81	<0.001	1.30	0.83-2.03	0.261	0.56	0.37-0.84	0.01

Myocardial infarction	1.43	1.23-1.67	<0.001	1.06	0.69-1.63	0.80	1.81	1.31-2.50	<0.001
Amiodarone	1.64	1.38-1.96	<0.001	0.76	0.39-1.46	0.41	0.71	0.43-1.18	0.19
Age. years	1.03	1.02-1.04	<0.001	1.04	1.02-1.06	<0.001	1.04	1.03-1.05	<0.001
ACEI_optymal	0.53	0.45-0.62	<0.001	0.45	0.30-0.68	<0.001	0.63	0.48-0.84	0.001
MR	1.68	1.43-1.97	<0.001	1.48	0.96-2.26	0.07	1.61	1.21-2.14	0.001
Dementia	1.75	1.16-2.66	0.008	1.86	0.75-4.59	0.18	1.39	0.71-2.71	0.34
AF	1.64	1.39-1.92	<0.001	1.92	1.23-3.00	0.004	1.61	1.19-2.19	0.002
CABG	1.52	1.24-1.87	<0.001	1.09	0.61-1.96	0.77	1.96	1.34-2.85	<0.001
Diabetes	1.42	1.22-1.66	<0.001	1.12	0.74-1.69	0.59	1.20	0.90-1.59	0.21
VKA and NOAC	1.42	1.21-1.68	<0.001	1.92	1.24-2.98	0.003	1.46	1.09-1.95	0.01
Valvular surgery	1.38	1.09-1.73	0.006	1.30	0.75-2.26	0.35	1.58	1.16-2.14	0.004
Stroke/TIA	1.37	1.11-1.69	0.003	2.19	1.29-3.71	0.004	0.97	0.63-1.50	0.89

Ventricular arrhythmia	1.37	1.18-1.60	<0.001	0.97	0.63-1.51	0.91	0.75	0.51-1.09	0.14
Hypertension	1.35	1.11-1.65	0.003	1.30	0.71-2.38	0.40	2.00	1.20-3.34	0.008
Ischemic etiology	1.35	1.16-1.58	<0.001	1.10	0.73-1.67	0.65	1.78	1.32-2.40	<0.001
Cancer	1.33	1.11-1.61	0.003	1.25	0.81-1.94	0.32	0.99	0.74-1.32	0.96
COPD	1.32	1.11-1.56	0.002	1.77	1.14-2.75	0.01	1.78	1.35-2.36	<0.001
Ablation	1.27	1.02-1.59	0.04	0.90	0.48-1.69	0.75	0.44	0.22-0.89	0.02
PCI	1.27	1.09-1.49	0.003	1.15	0.74-1.79	0.53	1.72	1.25-2.38	0.001
Thyroid abnormalities	1.21	1.02-1.43	0.03	1.09	0.70-1.70	0.69	0.81	0.61-1.09	0.17
CAD	1.20	1.00-1.44	0.05	0.95	0.62-1.46	0.82	1.33	0.99-1.78	0.05
MRA_optimal	0.71	0.59-0.85	<0.001	0.54	0.35-0.81	0.003	1.11	0.85-1.46	0.45
BB_optimal	0.70	0.60-0.82	<0.001	0.89	0.53-1.22	0.31	0.68	0.52-0.90	0.006

ACEI-angiotensin-converting enzyme inhibitors; AF- atrial fibrillation; BB- beta blockers; CABG - coronary artery bypass graft; CAD- coronary artery disease; COPD- Chronic obstructive pulmonary disease; CRT - cardiac resynchronization therapy; ICD - implantable cardioverter defibrillator; MR mitral regurgitation; MRA- mineralocorticoid receptor antagonists; NOAC- novel oral anticoagulant; PAD- peripheral artery disease; PCI-

percutaneous coronary intervention; TIA- transient ischemic attack; TR- tricuspid regurgitation; VKA- vitamin K antagonist;