

Supplementary Table 1. Study outcomes according to cause of heart failure

Variable	HR < 60 beats/min				HR ≥ 60 beats/min			
	All (n = 19)	BBs (n = 6)	No BBs (n = 13)	p value	All (n = 590)	BBs (n = 287)	No BBs (n = 303)	p value
Ischemic heart disease patients								
All-cause death	4 (21.1)	1 (16.7)	3 (23.1)	1.000	130 (22.0)	44 (15.3)	86 (28.4)	< 0.001
Composite events of HF readmission or all-cause death	9 (47.4)	2 (33.3)	7 (63.8)	0.628	257 (43.6)	107 (37.3)	150 (49.5)	0.003
Valvular heart disease patients								
All-cause death	1 (50.0)	1 (100.0)	0	1.000	32 (22.1)	9 (17.3)	23 (24.7)	0.404
Composite events of HF readmission or all-cause death	2 (100.0)	1 (100.0)	1 (100.0)	-	62 (42.8)	20 (38.5)	42 (45.2)	0.486

Values are presented as number (%).

HR, heart rate; BB, beta-blocker; HF, heart failure.