

Supplemental Table 2. Univariate and multi-variable cox proportional hazard ratios for risk of mortality after aortic valve replacement, after propensity weighting				
Term	Univariate analysis		Multivariable analysis	
	Hazard Ratio (95% CI)	p - value	Adjusted Hazard Ratio (95% CI)	p - value
Female sex	0.87 (0.68-1.11)	0.266		
Age, years*	1.58 (1.38-1.82)	<0.001	1.63 (1.41-1.90)	<0.001
NYHA Class 3-4	1.38 (1.05-1.81)	0.022	1.71 (1.28-2.27)	<0.001
Hypertension	1.14 (0.84-1.55)	0.410		
Coronary artery disease	1.44 (1.13-1.84)	0.003		
Concomitant CABG	1.33 (1.04-1.69)	0.022		
Congestive heart failure	1.90 (1.48-2.43)	<0.001	1.39 (1.08-1.80)	0.012
Diabetes	1.55 (1.21-1.97)	<0.001	1.37 (1.06-1.77)	0.016
COPD	2.07 (1.57-2.74)	<0.001	1.88 (1.41-2.50)	<0.001
Preoperative creatinine, mg/dL [†]	1.61 (1.31-1.99)	<0.001	1.52 (1.18-1.96)	0.001
LV ejection fraction [‡]	1.12 (1.02-1.24)	0.019		
Stroke volume index, mL/m ² [§]	1.30 (1.12-1.51)	<0.001	1.26 (1.07-1.47)	0.005
LV hypertrophy	1.21 (0.93-1.58)	0.150		
LV remodeling		0.125		
Normal	-	-		

Concentric remodeling	1.24 (0.76-2.03)	-		
Concentric hypertrophy	1.50 (0.96-2.33)	-		
Eccentric hypertrophy	1.04 (0.58-1.84)	-		
Aortic valve peak systolic velocity, m/s [¶]	1.05 (0.94-1.18)	0.349		
Aortic valve area, cm ² [#]	1.12 (1.03-1.23)	0.011		
Increased LV filling pressure**	1.61 (1.24-2.08)	<0.001	1.44 (1.11-1.86)	0.006
<p>*Per 10 year increase; [†]Per 1 mg/dL increase; [‡]Per 5% decrease; [§]Per 10 mL/m² decrease; Compared to normal; [¶]Per 0.5 m/s decrease; [#]Per 0.1 cm² decrease; **Compared to normal LV filling pressure</p> <p>Abbreviations: CABG, coronary artery bypass grafting; COPD, chronic obstructive pulmonary disease; LAP, left atrial pressure; LV, left ventricular; NYHA, New York Heart Association</p>				