

Supplemental table 2B Univariable and multivariable Cox proportional hazards model for risk of aortic valve replacement

	All patients			Non-critical AS			Critical AS		
	Univariable <i>p</i>	Multivariable <i>p</i> HR (CI 95%)		Univariable <i>p</i>	Multivariable <i>p</i> HR (CI 95%)		Univariable <i>p</i>	Multivariable <i>p</i> HR (CI 95%)	
Gender, male/female	0.44			0.68			0.52		
Gestational age, weeks	0.027	0.27	0.9 (0.8–1.1)	0.18			0.18		
Birth weight	0.10			0.40			0.29		
Duct dependent	0.01	0.59	1.4 (0.4–4.7)	NA			0.05	0.49	1.6 (0.4–6.1)
Aortic annulus, z-score	0.024	0.18	0.8 (0.6–1.1)	0.79			0.015	0.027	0.5 (0.2–0.9)
EFE	0.057	0.88	0.9 (0.3–3.0)	NA			0.39		
LVEDd, z-score	0.69			0.36			0.54		
LVPWd, z-score	0.15			0.94			0.067	0.14	0.7 (0.4–1.1)
LVFS, %	0.64			0.30			0.88	0.66	1.0 (0.9–1.0)
Peak aortic gradient	0.99			0.99			0.39		
Residual peak gradient	0.18			0.46			0.24		
<i>Valve morphology</i>									
Tricuspid (ref)									
Bicuspid	0.82			0.84			0.70		
Unicuspid	0.24						0.30		
<i>AR post first intervention</i>							0.019	0.021	
No AR (ref)									
AR grade 1	0.56	0.74	1.2 (0.4–3.0)	0.64			0.16	0.62	0.7 (0.2–2.9)
AR grade 2 or 3*	0.075	0.15	2.6 (0.7–9.7)	0.76			0.005	0.021	7.7 (1.4–44.0)

Bold indicates *p*-values <0.1. Pre- and post-treatment aortic valve gradients were measured with echo Doppler. *No patient had AR grade 4. (AS, aortic stenosis; HR, hazard ratio; CI, confidence interval; LVEDd, left ventricle end diastolic diameter; LVPWd, left ventricle posterior wall diameter; AR, Aortic regurgitation.)