

Supplemental table 3 Univariable and multivariable Cox proportional hazards model of all patients

	Death or transplant			Reintervention			Aortic valve replacement		
	Uni	Multivariable		Uni	Multivariable		Uni	Multivariable	
	<i>p</i>	<i>p</i>	HR (CI 95%)	<i>p</i>	<i>p</i>	HR (CI 95%)	<i>p</i>	<i>p</i>	HR (CI 95%)
<b>Critical stenosis, yes/no</b>	<b>0.10</b>	0.58	2.7 (0.1-42.6)	<b>0.007</b>	0.31	1.6 (0.6-4.1)	<b>0.09</b>	0.56	0.7 (0.2-2.3)
<b>Gender, male/female</b>	0.41			0.9			0.44		
<b>Gestational age, weeks</b>	0.41			<b>0.024</b>	0.55	0.6 (0.5-0.9)	<b>0.024</b>	0.67	1.0 (0.8-1.2)
<b>Birth weight</b>	0.86			0.54			0.10		
<b>Aortic annulus, z-score</b>	0.1			<b>&lt;0.001</b>	<b>0.007</b>	<b>0.6 (0.5-0.9)</b>	<b>0.024</b>	<b>0.002</b>	<b>0.5 (0.3-0.8)</b>
<b>EFE</b>	<b>0.025</b>	0.38	2.7 (0.3-24.9)	<b>0.013</b>	0.13	0.4 (0.1-1.3)	<b>0.057</b>	0.26	0.4 (0.1-1.8)
<b>LVEDd, z-score</b>	0.19			0.56			0.69		
<b>LVPWd, z-score</b>	0.25			0.30			0.15		
<b>Mean aortic gradient</b>	<b>0.034</b>	0.4	1.0 (0.9-1.9)	0.55			0.91		
<b>Residual mean gradient</b>	0.87			<b>&lt;0.001</b>	1.1	1.1 (1.0-1.1)	<b>0.053</b>	<b>0.03</b>	<b>1.1 (1.0-1.1)</b>
<i>Valve morphology</i>	0.16			0.43			0.48		
<b>Tricuspid (ref)</b>									
<b>Bicuspid</b>	0.058			0.58			0.82		
<b>Unicuspid</b>	NA			0.19			0.24		
<i>AR post first intervention</i>							0.19		
<b>No AR (ref)</b>									
<b>AR grade 1</b>	0.84			0.76			0.56		
<b>AR grade 2 or 3*</b>	0.87			0.63			0.075		

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.)