**Supplementary Table S4** Multivariable analysis of hazard ratios for category C as a predictor of heart transplantation and mortality in various models

|  |  |  |
| --- | --- | --- |
|  | HR (95% CI) | *p-value* |
| Model 1\*a | 4.83 (1.23–19.0) | **0.02** |
| Model 2\*b | 7.07 (1.69–29.5) | **<0.01** |
| Model 3\*c | 6.32 (1.18–33.8) | **0.03** |
| Model 4\*d | 4.36 (1.13–16.9) | **0.03** |
| Model 5\*e | 3.64 (0.93–14.2)  | 0.06 |
| Model 6\*f | 2.11 (0.54–8.25) | 0.28 |
| Model 7\*g | 14.4 (2.52–82.1) | **<0.01** |

\*a Model 1: adjusted for Fontan pressure and hypoplastic left heart syndrome

\*b Model 2: adjusted for Fontan pressure and right ventricular physiology

\*c Model 3: adjusted for Fontan pressure and hospital stay after Fontan

\*d Model 4: adjusted for Fontan pressure and duration after Fontan

\*e Model 5: adjusted for Fontan pressure and patent fenestration

\*f Model 6: adjusted for Fontan pressure and NYHA Ⅲ/Ⅳ

\*g Model 7: adjusted for Fontan pressure and ventricular dysfunction (more than moderate)

*95% CI* 95% confidence interval*, HR* hazards ratio, *NYHA* New York Heart Association functional classification

\*a More than moderate