

**S7 Table.** Risk factors for post-transplantation lymphoproliferative disorder and death in heart transplant recipients

| Outcome      | Risk factor           | Univariable analysis    |             |         | Multivariable analysis  |             |         |
|--------------|-----------------------|-------------------------|-------------|---------|-------------------------|-------------|---------|
|              |                       | SHR or HR <sup>a)</sup> | 95% CI      | p-value | SHR or HR <sup>a)</sup> | 95% CI      | p-value |
| <b>PTLD</b>  | <b>Sex</b>            |                         |             |         |                         |             |         |
|              | Male                  | 0.66                    | 0.27-1.63   | 0.369   | 7.56                    | 0.94-61.01  | 0.058   |
|              | Female                | 1 (ref.)                |             |         | 1 (ref.)                |             |         |
|              | <b>Age group (yr)</b> |                         |             |         |                         |             |         |
|              | 0-9                   | 7.93                    | 0.48-130.23 | 0.147   | 0.66                    | 0.28-1.58   | 0.348   |
|              | 10-19                 | 3.91                    | 0.35-44.07  | 0.270   | 7.11                    | 0.46-110.50 | 0.161   |
|              | 20-39                 | 1 (ref.)                |             |         | 1 (ref.)                |             |         |
|              | 40-59                 | 2.20                    | 0.27-18.12  | 0.465   | 3.84                    | 0.34-43.02  | 0.275   |
|              | ≥ 60                  | 7.46                    | 0.93-60.01  | 0.059   | 2.20                    | 0.27-18.06  | 0.463   |
| <b>Death</b> | <b>PTLD</b>           |                         |             |         |                         |             |         |
|              | Yes                   | 4.38                    | 1.61-11.95  | 0.004   | 4.21                    | 1.59-2.50   | 0.005   |
|              | No                    | 1 (ref.)                |             |         | 1 (ref.)                |             |         |
|              | <b>Sex</b>            |                         |             |         |                         |             |         |
|              | Male                  | 1.12                    | 0.83-1.52   | 0.447   | 1.11                    | 1.08-1.24   | 0.500   |
|              | Female                | 1 (ref.)                |             |         | 1 (ref.)                |             |         |
|              | <b>Age group (yr)</b> |                         |             |         |                         |             |         |
|              | 0-9                   | 1.10                    | 0.42-2.88   | 0.852   | 1.10                    | 0.53-0.72   | 0.850   |
|              | 10-19                 | 1.27                    | 0.66-2.47   | 0.476   | 1.26                    | 0.59-0.77   | 0.500   |
|              | 20-39                 | 1 (ref.)                |             |         | 1 (ref.)                |             |         |
|              | 40-59                 | 1.57                    | 0.99-2.47   | 0.053   | 1.55                    | 1.26-1.49   | 0.058   |
| ≥ 60         | 1.83                  | 1.14-2.95               | 0.013       | 1.78    | 1.36-1.72               | 0.018       |         |

CI, confidence interval; HCT, hematopoietic stem cell transplantation; HR, hazard ratio; PTLN, post-transplantation lymphoproliferative disorder; ref, reference; SHR, subdistributional hazard ratio. <sup>a)</sup>SHR for risk of PTLN, HR for risk of death.