Supplementary figures

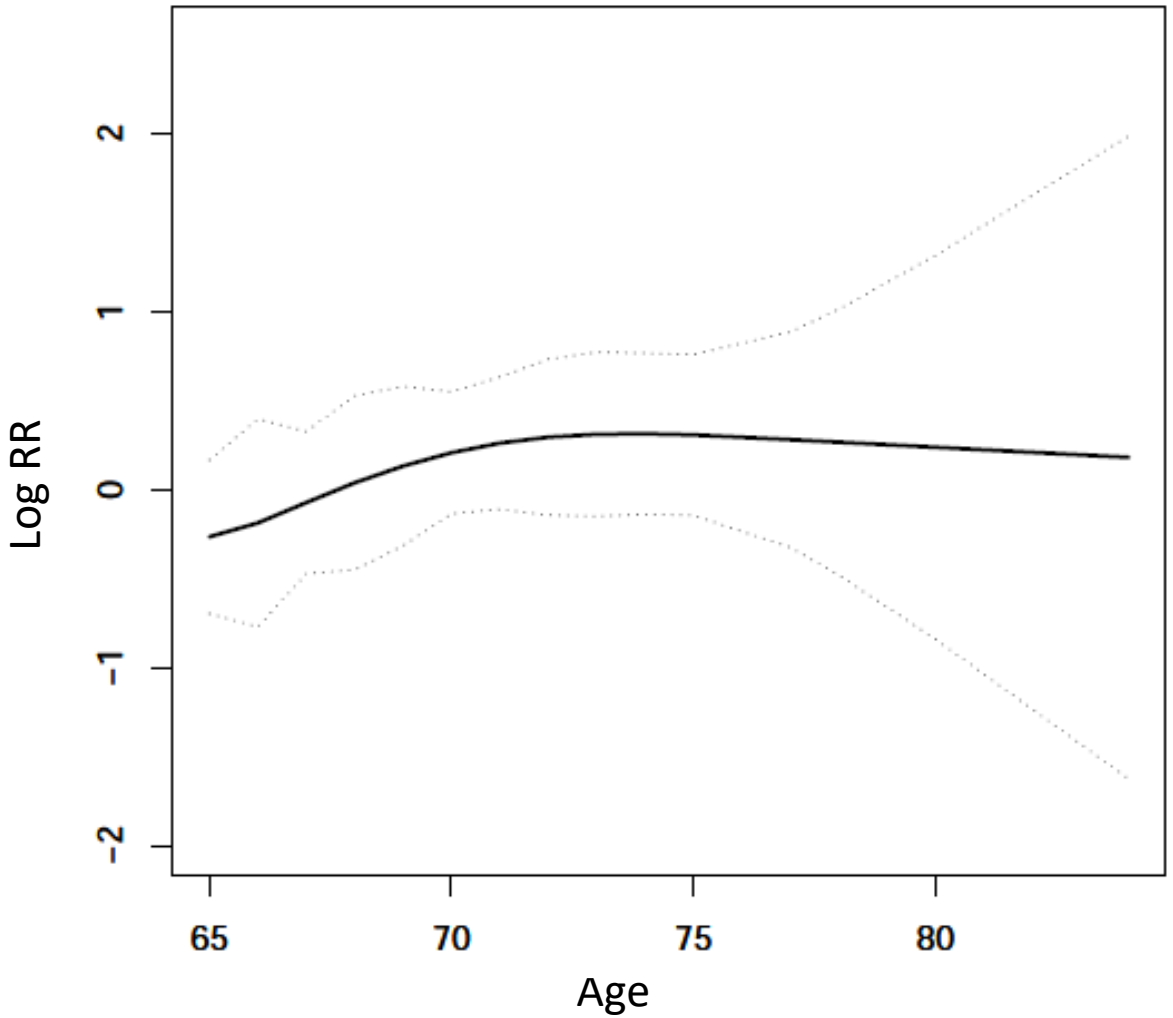
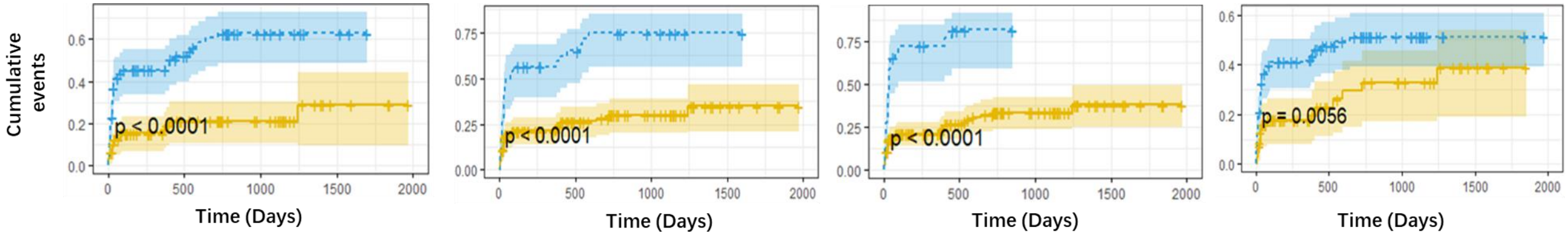


Figure S1 Nonlinear relationship between age and survival status. The curve: estimated spline function in log RR on the effect of age. The dotted lines: 95% confidence interval.



	Cardiac arrhythmia	Acute renal injury	Reintubation	PGD (≥Grade 2 at 72h)
	No Cardiac arrhythmia	No Acute renal injury	No reintubation	No PGD (≥Grade 2 at 72h)

Figure S2 Cumulative incidence plot demonstrating time to death in lung transplant recipients stratified by post-LT complications. Log-rank test p value was used to compare the cumulative incidence curves between the strata.

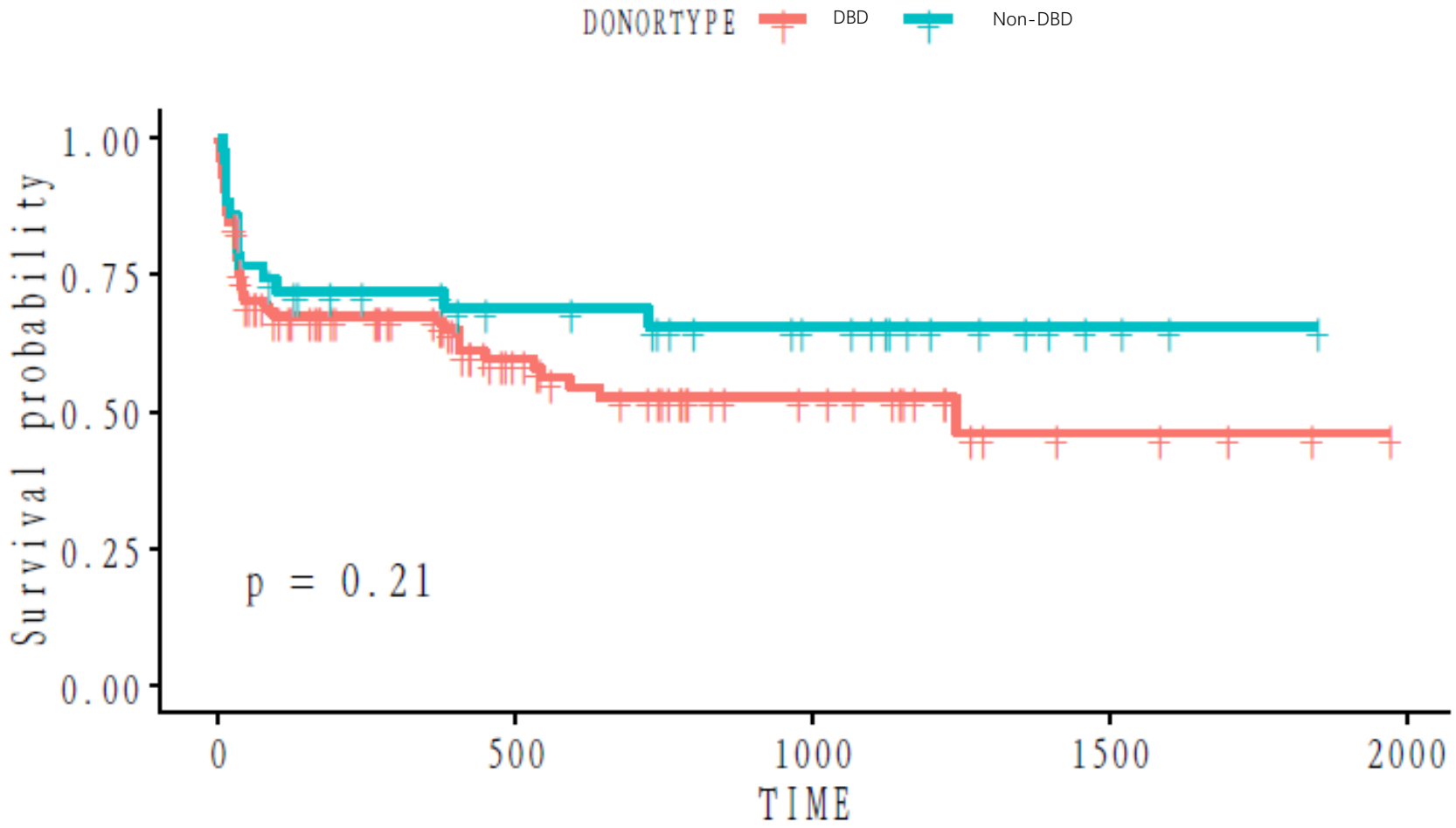
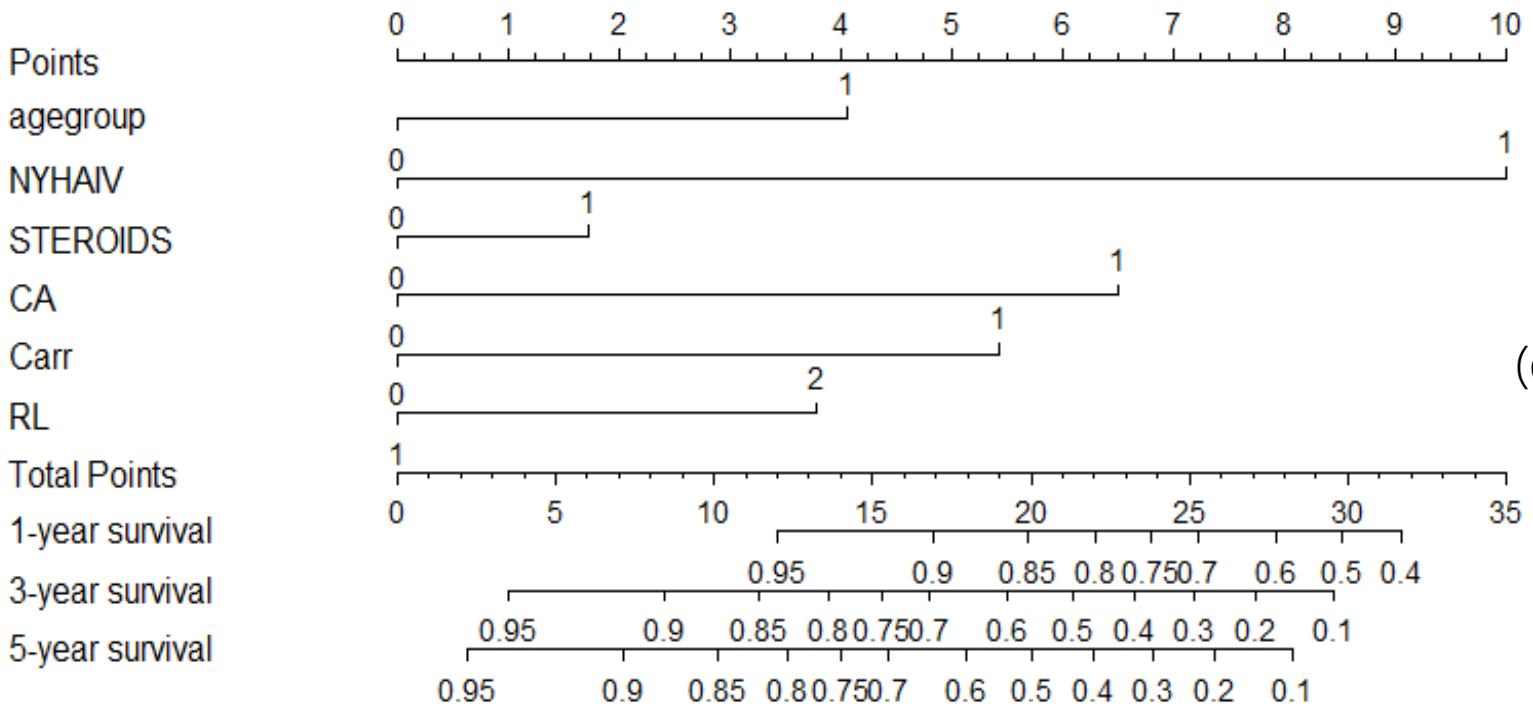


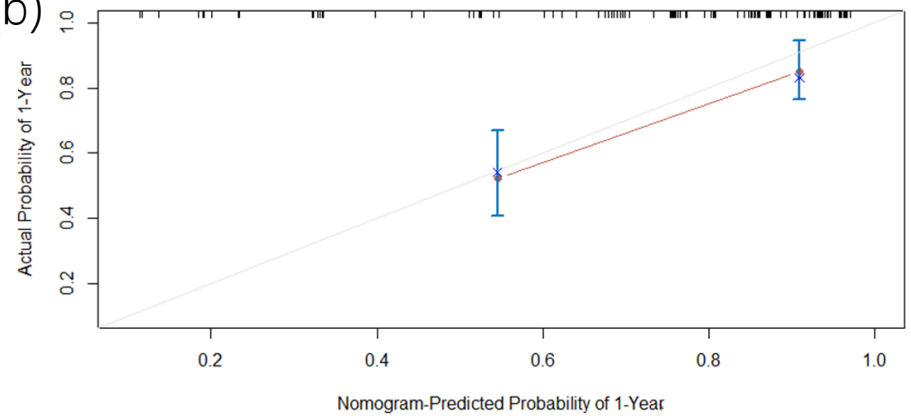
Figure S3 Kaplan−Meier plot demonstrating time to death in lung transplant recipients stratified by donor type (DBD donors vs: non-DBD donors including DCD and DBCD).

Figure S4 (a) Characteristics in the nomogram to predict probability of 1-year, 3-year and 5-year survival in patients ≥ 65 years. Patient prognostic values are located on the axis of each variable; a line is then drawn upwards to determine the number of points for that particular variable. Age in Group ≥ 70 years(age group), NYHA Grade IV(NYHAIV), pre-transplant steroids use(STEROIDS), with cardiac abnormality (CA), with post-LT cardiac arrhythmia (Carr), right lung transplantation (RL, compared to left lung transplantation), represented on the axis at an arbitrary value of 1 (no=0). C-index of the prediction model is 0.77. The calibration method with bootstrapping was used to illustrate the association between survival and predicted survival probability in 1 year and 3 year. Bootstrapping involved 1000 repetitions.

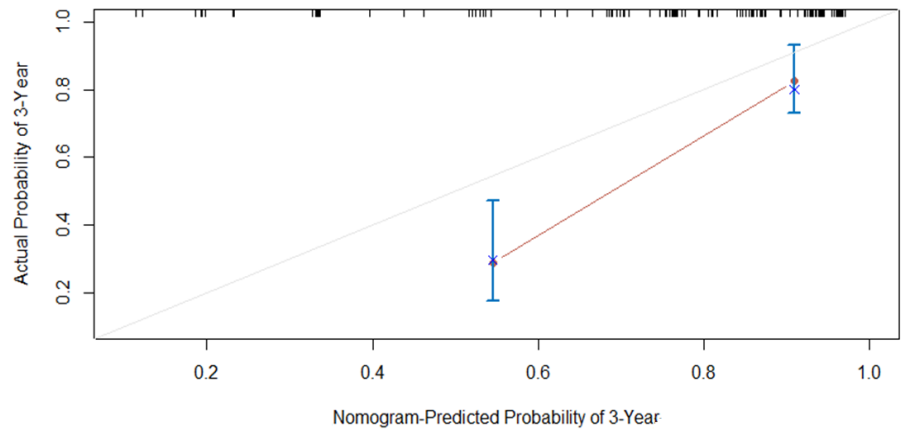
(a)


Points
agegroup
NYHAIV
STEROIDS
CA
Carr
RL
Total Points
1-year survival
3-year survival
5-year survival
0 1 2 3 4 5 6 7 8 9 10
1
1
0
1
0
1
0
1
0
2
0
1
0 5 10 15 20 25 30 35
0.95 0.9 0.85 0.8 0.75 0.7 0.6 0.5 0.4
0.95 0.9 0.85 0.8 0.75 0.7 0.6 0.5 0.4 0.3 0.2 0.1
0.95 0.9 0.85 0.8 0.75 0.7 0.6 0.5 0.4 0.3 0.2 0.1

(b)


Actual Probability of 1-Year
0.2 0.4 0.6 0.8 1.0
0.2 0.4 0.6 0.8 1.0
Nomogram-Predicted Probability of 1-Year

(c)


Actual Probability of 3-Year
0.2 0.4 0.6 0.8 1.0
0.2 0.4 0.6 0.8 1.0
Nomogram-Predicted Probability of 3-Year