

**Table S1. Results of Multivariate Cox-regression Analysis for Recipient's Survival: Model 2 & 3.**

Variable	HR (95% CI)	P value
<b>Model 2</b>		
GRWR (>4% vs. ≤4%)	2.14 (1.04-4.39)	0.039*
PELD	1.66 (1.06-2.60)	0.026*
NLR	1.23 (1.10-1.38)	<0.001*
Operation time (≥8 vs. <8, h)	1.50 (0.66-3.41)	0.329
Blood loss (≤200, >200, ≤400 and >400, ml)	1.34 (0.72-2.49)	0.357
NE (Yes vs. No)	2.84 (1.42-5.69)	0.003*
Postoperative HB (≤8, >8, <11 and ≥11, g/L)	0.63(0.33-1.18)	0.150
AIC for model 2	443.66	
C-Index (95%CI) for model 2	0.676 (0.587, 0.779)	
<b>Model 3</b>		
GRWR (>4% vs. ≤4%)	2.14 (1.05-4.36)	0.036
PELD	1.04 (1.09-1.35)	0.004
NLR	1.22 (1.09-1.35)	<0.001
Operation time (≥8h vs. <8, h)	1.88 (0.98-4.04)	0.072
NE (Yes vs. No)	2.90 (1.48-5.68)	0.002
AIC for model 3	427.26	
C-Index (95%CI) for model 3	0.692 (0.596, 0.791)	

Abbreviation: GRWR, graft to recipient weight ratio; PELD, pediatric end-stage liver disease score; NLR, neutrophil lymphocyte ratio; NE, norepinephrine; HB, hemoglobin.

\* P<0.05.