

Supplemental Table 2: Univariable Screen for Composite of Death or Graft Loss

Variable	HR	95% CI	p-value
Donor Factors			
Donor Type			
* SCD	Ref	-	-
* ECD	1.694	1.642 – 1.747	< 0.001
DCD	1.026	0.980 – 1.074	0.270
Age squared/1000 (years ² /1000)	1.205	1.193 – 1.217	< 0.001
Sex (F)	1.139	1.110 – 1.169	< 0.001
Height squared (m ²)	0.924	0.899 – 0.950	< 0.001
Weight squared/1000 (kg ² /1000)	1.005	1.001 – 1.008	0.0076
Diabetes	1.517	1.446 – 1.591	< 0.001
HCV	1.751	1.634 – 1.877	< 0.001
HTN	1.469	1.429 – 1.510	< 0.001
CMV	1.039	1.012 – 1.067	0.0045
Race			
*White	Ref	-	< 0.001
*Black	1.198	1.154 – 1.244	
*Other	0.893	0.861 – 0.927	
BMI (kg/m ²)			
* <18.5	1.018	0.960 – 1.079	
* 18.5-24.99	Ref	-	< 0.001
* 24.5-29.99	1.037	1.006 – 1.070	
* 30.0-34.99	1.092	1.050 – 1.136	
* ≥35.0	1.165	1.114 – 1.218	
Recipient Factors			
Age (years)			
* <35	Ref	-	< 0.001
* 35-60	0.889	0.854 – 0.926	
* >65	1.356	1.300 – 1.413	
Sex (F)	0.900	0.604 – 0.648	< 0.001
Height squared (m ²)	1.165	0.876 – 0.924	< 0.001
Weight (kg)	1.005	1.125 – 1.206	< 0.001
Diabetes	1.448	1.004 – 1.005	< 0.001
HTN Present	1.019	0.981 – 1.058	0.0292
*Missing	0.951	0.894 – 1.012	
CAD Present	1.422	1.364 – 1.482	< 0.001
*Missing	0.981	0.936 – 1.027	
PVD	1.619	1.530 – 1.712	< 0.001
CMV	1.048	1.019 – 1.077	0.001
Dialysis vintage >1 year	1.367	1.321 – 1.419	< 0.001
Prior Kidney Transplant	1.047	1.007 – 1.089	0.0233
Race			
* White	Ref	-	< 0.001
* Black	1.252	1.216 – 1.288	
* Other	0.838	0.808 – 0.869	
BMI (kg/m ²)			
* <18.5	1.019	0.939 – 1.106	
* 18.5-24.99	Ref	-	< 0.001
* 24.5-29.99	1.063	1.029 – 1.097	
* 30.0-34.99	1.156	1.115 – 1.198	
* ≥35.0	1.223	1.169 – 1.279	

Variable	HR	95% CI	p-value
ESRD			
* GN	Ref	-	
* DM	1.565	1.508 – 1.623	< 0.001
* PCKD	0.750	0.707 – 0.795	
* Other	1.252	1.209 – 1.296	
Surgical and Immunologic Factors			
CIT (hours)	1.007	1.006 – 1.008	< 0.001
Peak PRA squared/1000 (% ² /1000)	1.010	1.006 – 1.015	< 0.001
Donor-Recipient Pairing Factors			
Absolute height difference (m)	0.709	0.661 – 0.761	< 0.001
Absolute age ratio (yr/yr)	1.336	1.294 – 1.380	< 0.001
Absolute weight difference (kg)			
* >30 (D<R)	0.984	0.941 – 1.029	
* 10-30 (D<R)	0.981	0.945 – 1.019	
* <10 (D=R)	Ref	-	< 0.001
* 10-30 (D>R)	1.056	1.019 – 1.095	
* >30 (D>R)	1.136	1.092 – 1.182	
DR Sex			
* MDMR	Ref	-	
* FDFR	1.014	0.976 – 1.054	< 0.001
* MDFR	0.917	0.886 – 0.950	
* FDMR	1.165	1.127 – 1.204	
DR CMV			
* Neg/Neg	Ref	-	
* Pos/Pos	1.125	1.079 – 1.174	< 0.001
* Neg/Pos	1.127	1.077 – 1.180	
* Pos/Neg	1.128	1.075 – 1.183	
DR Race			
* WDWR	Ref	-	
* BDBR	1.362	1.295 – 1.433	
* ODOR	0.781	0.736 – 0.828	
* WDBR	1.252	1.211 – 1.295	
* WDOR	0.861	0.822 – 0.901	
* BDWR	1.193	1.118 – 1.273	
* BDOR	1.028	0.932 – 1.134	
* ODWR	0.971	0.912 – 1.033	
* ODBR	1.191	1.114 – 1.273	
HLA mismatches			
* 0MM	Ref	-	
* 1MM	1.115	1.023 – 1.216	
* 2MM	1.182	1.101 – 1.268	
* 3MM	1.203	1.139 – 1.270	< 0.001
* 4MM	1.273	1.213 – 1.337	
* 5MM	1.369	1.305 – 1.426	
* 6MM	1.468	1.393 – 1.547	

Expanded criteria donor (ECD), Standard criteria donor (SCD), Donation after cardiac death (DCD), Hepatitis C Virus (HCV), Hypertension (HTN), Body mass index (BMI), Cytomegalovirus (CMV), Coronary artery disease (CAD), Peripheral vascular disease (PVD), End stage renal disease (ESRD), Glomerulonephritis (GN), Diabetes (DM), Polycystic kidney disease (PCKD), Cold ischemic time (CIT), Panel reactive antibody (PRA), Human leukocyte antigen (HLA), Mismatch (MM), Donor-recipient (DR), Male donor/male recipient (MDMR), Female donor/female recipient (FDFR), Male donor/female recipient (MDFR), Female donor/male recipient (FDMR), White donor/white recipient (WDWR), Black donor/black recipient (BDBR), Other donor/other recipient (ODOR), White donor/black recipient (WDBR), White donor/other recipient (WDOR), Black donor/white recipient (BDWR), Black donor/other recipient (BDOR), Other donor/white recipient (ODWR), Other donor/black recipient (ODBR).