

Supplemental Table 4: Factors Included in Model 1 (D-R Independent Variables Only)

Variable	HR	95% CI
Donor Age squared/1000 (per $y^2/1000$)	1.172	1.151 – 1.194
Cause of ESRD		
*GN	Ref	-
*DM	1.127	1.030 – 1.234
*PCKD	0.711	0.645 – 0.783
*Other	1.167	1.104 – 1.234
Recipient Race		
*White	Ref	-
*Black	1.032	0.983 – 1.084
*Other	0.745	0.701 – 0.792
Recipient Age (years)		
*<35	Ref	-
*35-60	0.799	0.748 – 0.854
*>65	1.059	0.985 – 1.139
Dialysis vintage > 1 year	1.341	1.265 – 1.422
Donor HCV	1.532	1.374 – 1.708
Recipient CAD	1.318	1.236 – 1.406
Donor DM	1.268	1.171 – 1.373
Donor Height squared (per m^2)	0.888	0.845 – 0.933
Peak PRA squared/1000 ($\%^2/1000$)	1.025	1.018 – 1.033
Donor Race		
*White	Ref	-
*Black	1.165	1.096 – 1.238
*Other	0.957	0.900 – 1.017
Recipient Weight (per kg)	1.006	1.004 – 1.007
Donor HTN	1.131	1.075 – 1.189
HLA Mismatch		
*0MM	Ref	-
*1MM	0.916	0.794 – 1.058
*2MM	1.192	1.071 – 1.326
*3MM	1.131	1.039 – 1.232
*4MM	1.158	1.072 – 1.252
*5MM	1.220	1.130 – 1.317
*6MM	1.251	1.149 – 1.362
CIT (per hour)	1.006	1.004 – 1.009
Recipient DM	1.257	1.165 – 1.356
Recipient BMI (kg/m^2)		
* <18.5	1.293	1.133 – 1.475
* 18.5-24.99	Ref	-
* 24.5-29.99	0.929	0.877 – 0.985
* 30.0-34.99	0.921	0.852 – 0.995
* ≥35.0	0.951	0.854 – 1.058
Donor BMI (kg/m^2)		
* <18.5	1.143	1.035 – 1.261
* 18.5-24.99	Ref	-
* 24.5-29.99	0.963	0.917 – 1.012
* 30.0-34.99	0.922	0.865 – 0.983
* ≥35.0	0.973	0.905 – 1.046

Diabetes (DM), End stage renal disease (ESRD), Glomerulonephritis (GN), Polycystic kidney disease (PCKD), Panel reactive antibody (PRA), Human leukocyte antigen (HLA), Mismatch (MM), Hepatitis C Virus (HCV), Hypertension (HTN), Cold ischemic time (CIT), Expanded criteria donor (ECD), Standard criteria donor (SCD), Body mass index (BMI), Log₂ (Log base 2).