

Table S5 Multivariable analysis of factors predictive of 12-month creatinine level

	Fold Difference (95% CI)	P value
Weight Difference		< 0.001
< 75%	1.07 (1.05 - 1.09)	< 0.001
75% - 125%	Reference (1.00)	-
> 125%	0.93 (0.91 - 0.94)	< 0.001
Recipient Sex		< 0.001
Male	Reference (1.00)	-
Female	0.84 (0.83 - 0.86)	< 0.001
Recipient Age (years)		< 0.001
≤35	Reference (1.00)	-
36 - 45	0.95 (0.93 - 0.97)	< 0.001
46 - 55	0.91 (0.89 - 0.90)	< 0.001
56 - 65	0.88 (0.86 - 0.90)	< 0.001
> 65	0.84 (0.82 - 0.87)	< 0.001
Recipient BMI (kg/m ²)		0.004
18.5 – 25.0	Reference (1.00)	-
< 18.5	0.97 (0.93 - 1.01)	0.179
25.1 – 30.0	1.00 (0.99 - 1.02)	0.672
30.1 – 35.0	1.04 (1.01 - 1.06)	< 0.001
> 35.0	1.03 (1.00 - 1.07)	0.090
Recipient Ethnicity		< 0.001
White	Reference (1.00)	-
Black	1.12 (1.09 - 1.15)	< 0.001
Asian	0.91 (0.90 - 0.93)	< 0.001
Other	0.95 (0.89 - 1.01)	0.094
Recipient Diabetes		0.002
No	Reference (1.00)	-
Yes	0.96 (0.94 - 0.98)	0.020
Donor Sex		0.026
Male	Reference (1.00)	-
Female	1.02 (1.00 - 1.03)	0.026
Donor Age (years)		< 0.001
≤35	Reference (1.00)	-
36 - 45	1.14 (1.11 - 1.17)	< 0.001
46 - 55	1.24 (1.22 - 1.27)	< 0.001
56 - 65	1.37 (1.34 - 1.40)	< 0.001
> 65	1.50 (1.46 - 1.54)	< 0.001
Donor Ethnicity		0.039
White	Reference (1.00)	-
Black	0.99 (0.92 - 1.08)	0.900
Asian	1.07 (1.02 - 1.12)	0.005
Other	0.98 (0.92 - 1.05)	0.595
Donor Diabetes		< 0.001
No	Reference (1.00)	-
Yes	1.05 (1.02 - 1.08)	< 0.001
Donor Hypertension		< 0.001
No	Reference (1.00)	-
Yes	1.07 (1.06 - 1.09)	< 0.001
Donation Type		< 0.001
DCD	Reference (1.00)	-
DBD	0.97 (0.95 - 0.98)	< 0.001
CIT (minutes)		< 0.001
≤ 200	Reference (1.00)	-
201 - 550	1.05 (0.91 - 1.21)	0.494

551 - 850	1.09 (0.95 - 1.26)	0.202
851 - 1100	1.12 (0.98 - 1.29)	0.107
> 1100	1.13 (0.98 - 1.30)	0.810

This is a parsimonious model from a backwards stepwise general linear model. n = 9127 after the exclusion of patients due to missing data. Bold p values are significant at p<0.05.
CIT, Cold Ischemia Time