

Supplementary Table 2. Hazard ratio for study outcomes in the kidney and liver transplantation

Variable	Incidence rate, 1,000 PY	Model 1		Model 2		Model 3		Model 4	
		HR (95% CI)	P value	HR (95% CI)	P value	HR (95% CI)	P value	HR (95% CI)	P value
Liver									
CAD									
NonDM	1.2	Reference		Reference		Reference		Reference	
NODAT	1.0	0.83 (0.15–4.51)	0.825	0.79 (0.15–4.34)	0.790	0.75 (0.14–4.13)	0.744	0.76 (0.14–4.17)	0.753
PretrDM	3.1	2.56 (0.83–7.93)	0.104	2.20 (0.69–6.95)	0.181	1.67 (0.51–5.42)	0.396	1.69 (0.52–5.50)	0.387
CVA									
NonDM	1.2	Reference		Reference		Reference		Reference	
NODAT	1.0	0.80 (0.15–4.35)	0.793	0.73 (0.13–3.96)	0.711	0.71 (0.13–3.90)	0.697	0.71 (0.13–3.90)	0.696
PretrDM	5.8	4.58 (1.58–13.29)	0.005	3.58 (1.22–10.49)	0.020	3.22 (1.08–9.58)	0.036	3.18 (1.07–9.48)	0.038
Malignancy									
NonDM	9.1	Reference		Reference		Reference		Reference	
NODAT	11.9	1.31 (0.76–2.27)	0.330	1.22 (0.70–2.11)	0.483	1.20 (0.69–2.07)	0.522	1.19 (0.69–2.05)	0.544
PretrDM	13.4	1.48 (0.94–2.34)	0.094	1.19 (0.749–1.90)	0.459	1.08 (0.67–1.73)	0.760	1.10 (0.68–1.77)	0.694
Mortality									
NonDM	14.8	Reference		Reference		Reference		Reference	
NODAT	20.7	1.41 (0.93–2.13)	0.109	1.36 (0.89–2.06)	0.154	1.35 (0.89–2.05)	0.164	1.34 (0.88–2.03)	0.173
PretrDM	20.0	1.36 (0.95–1.95)	0.094	1.26 (0.87–1.82)	0.227	1.21 (0.83–1.76)	0.329	1.19 (0.82–1.74)	0.360
Kidney									
CAD									
NonDM	1.1	Reference		Reference		Reference		Reference	
NODAT	4.2	3.75 (2.04–6.86)	<0.001	2.74 (1.48–5.08)	0.001	2.70 (1.46–5.01)	0.002	2.68 (1.45–4.97)	0.002
PretrDM	5.6	5.25 (3.26–8.43)	<0.001	3.73 (2.28–6.10)	<0.001	3.55 (2.15–5.85)	<0.001	3.52 (2.13–5.79)	<0.001
CVA									
NonDM	2.2	Reference		Reference		Reference		Reference	
NODAT	2.5	1.14 (0.60–2.16)	0.691	0.91 (0.48–1.75)	0.787	0.92 (0.48–1.76)	0.801	0.91 (0.47–1.73)	0.764
PretrDM	6.9	3.19 (2.22–4.58)	<0.001	2.52 (1.73–3.69)	<0.001	2.49 (1.69–3.67)	<0.001	2.47 (1.68–3.65)	<0.001
Malignancy									
NonDM	7.6	Reference		Reference		Reference		Reference	
NODAT	10.4	1.37 (0.99–1.89)	0.058	0.99 (0.71–1.37)	0.936	0.99 (0.71–1.38)	0.962	0.97 (0.70–1.35)	0.869
PretrDM	11.4	1.51 (1.21–1.90)	<0.001	1.09 (0.86–1.38)	0.476	1.12 (0.88–1.43)	0.377	1.11 (0.87–1.41)	0.414
Mortality									
NonDM	3.8	Reference		Reference		Reference		Reference	
NODAT	8.1	2.12 (1.44–3.13)	<0.001	1.48 (1.00–2.20)	0.051	1.51 (1.02–2.24)	0.042	1.47 (0.99–2.19)	0.054
PretrDM	13.9	3.68 (2.81–4.80)	<0.001	2.53 (1.92–3.34)	<0.001	2.70 (2.03–3.59)	<0.001	2.70 (2.00–3.56)	<0.001

Model 1, unadjusted; Model 2, adjusted for age and sex; Model 3, adjusted for transplantation organ in addition to model 2; Model 4, adjusted for hypertension, and dyslipidemia in addition to model 3; Model 5, adjusted for immunosuppressant in addition to model 4.

PY, person-year; HR, hazard ratio; CI, confidence interval; CAD, coronary artery disease; NonDM, without diabetes mellitus; NODAT, new-onset diabetes after transplantation; PretrDM, pretransplant diabetes mellitus; CVA, cerebrovascular accident.