

Figure S3a. Rates of Clinical Outcomes by Level of eGFR and Albuminuria (by ACR or PCR) in Kidney Transplant Recipients, per 1,000 Person-years

eGFR	All-cause Mortality and Cardiovascular Events ^a (N=725)				Death-censored Cardiovascular Events ^a (N=725)			
	Albuminuria (ACR or PCR)							
	Overall	Normal	Mild	Heavy	Overall	Normal	Mild	Heavy
≥60 mL/min/1.73 m ²								
Events, n	53	23	26	4	37	18	17	2
Patients, n	368	214	142	12	368	214	142	12
Unadjusted	29.3 (22.2, 37.4)	21.7 (13.6, 30.9)	37.5 (25.2, 51.8)	78.5 (15.9, 175.3)	20.5 (14.1, 27.1)	17.0 (9.4, 25.3)	24.6 (13.3, 36.6)	39.2 (0, 122.3)
Adjusted ^b	31.1 (23.0, 43.2)	25.8 (16.3, 42.0)	35.2 (24.2, 55.4)	69.7 (19.0, 306.8)	23.2 (16.5, 34.6)	20.5 (11.5, 37.9)	26.0 (14.9, 43.6)	33.6 (0, 228.8)
45-59 mL/min/1.73 m ²								
Events, n	29	13	13	3	17	8	7	2
Patients, n	216	118	87	11	216	118	87	11
Unadjusted	28.0 (18.6, 38.9)	23.3 (12.3, 36.8)	30.4 (14.5, 48.8)	61.0 (0, 176.8)	16.4 (9.1, 24.7)	14.3 (5.6, 25.1)	16.4 (6.3, 31.0)	40.7 (0, 128.5)
Adjusted ^b	28.4 (18.0, 43.7)	24.0 (12.4, 44.2)	32.5 (14.9, 56.6)	39.9 (0, 222.8)	17.6 (9.0, 28.3)	15.2 (5.4, 31.3)	18.4 (5.4, 37.1)	34.5 (0, 191.5)
30-44 mL/min/1.73 m ²								
Events, n	28	9	17	2	18	5	12	1
Patients, n	107	34	64	9	107	34	64	9
Unadjusted	51.8 (35.7, 73.0)	49.3 (20.3, 84.9)	55.0 (31.9, 86.1)	40.9 (0, 136.9)	33.3 (20.0, 49.4)	27.4 (5.8, 51.3)	38.8 (19.7, 64.7)	20.5 (0, 83.1)
Adjusted ^b	46.6 (31.3, 69.0)	44.3 (21.0, 81.1)	49.2 (28.6, 81.4)	47.4 (0, 141.1)	32.2 (19.4, 50.6)	25.5 (6.9, 52.5)	37.4 (19.4, 67.3)	25.8 (0, 108.0)
15-29 mL/min/1.73 m ²								
Events, n	13	1	8	4	4	0	3	1
Patients, n	34	5	21	8	34	5	21	8
Unadjusted	72.2 (36.8, 115.4)	36.9 (0, 143.9)	76.0 (32.6, 135.0)	84.0 (12.5, 211.8)	22.2 (4.5, 51.1)	0 (0, 0)	28.5 (0, 69.1)	21.0 (0, 111.9)
Adjusted ^b	53.7 (27.7, 109.0)	19.0 (0, 110.9)	54.9 (17.6, 134.1)	102.8 (16.7, 479.8)	19.8 (3.8, 59.9)	0 (0, 0)	22.7 (0, 77.3)	31.2 (0, 285.9)

Data is presented as rate (95% confidence interval).

^a Cardiovascular event was defined as a hospitalization for myocardial infarction or ischemic stroke or a procedural code for PCI or CABG.

^b Adjusted for age, sex, SES, urban residence, pre-transplant dialysis modality, dialysis duration, year of transplant, and a pre-transplant history of hypertension, diabetes mellitus, myocardial infarction, PCI or CABG surgery, heart failure, atrial fibrillation, stroke/TIA, and PVD.

For all-cause mortality and cardiovascular events and death-censored cardiovascular events, test results for linear trend were not significant across albuminuria categories. Colors represent the ranking of adjusted rates (ranked from 1 [lowest] to 12 [highest]). The categories with rank numbers 1-3 are green, 4-6 are yellow, 7-9 are orange, and 10-12 are red.¹ Colors reflect the KDIGO categories of risk (green: low risk; yellow: moderately increased risk; orange: high risk; red: very high risk).²

Abbreviations: CABG, coronary artery bypass graft; eGFR, estimated glomerular filtration rate; KDIGO, Kidney Disease: Improving Global Outcomes; PCI, percutaneous coronary intervention; PVD, peripheral vascular disease; SES, socio-economic status; TIA, transient ischemic attack.