

Supplementary Table 2. Hazard ratios and 95% confidence intervals for variables evaluated as potential predictors of mortality among 181,879 patients

Variable	HR	95% CI	P value
Gender			
Male	1.00	Reference	-
Female	0.96	0.94-0.99	0.002
Age, years	1.06	1.06-1.06	< 0.0001
Dialysis vintage, years			
< 2	0.84	0.81-0.87	< 0.0001
≥ 2-5	1.00	Reference	-
≥ 5-10	1.10	1.07-1.14	< 0.0001
≥ 10-15	1.12	1.08-1.16	< 0.0001
≥ 15-20	0.97	0.93-1.02	0.225
≥ 20	0.91	0.87-0.96	< 0.0001
Primary kidney disease			
Glomerulonephritis	1.00	Reference	-
Diabetic nephropathy	1.32	1.29-1.36	< 0.0001
Nephrosclerosis	1.37	1.32-1.42	< 0.0001
Others	1.21	1.17-1.25	< 0.0001
Diabetes mellitus			
No	1.00	Reference	-
Yes	1.26	1.23-1.29	< 0.0001
Comorbid CVD			
No	1.00	Reference	-
Yes	1.79	1.75-1.83	< 0.0001
Body mass index, kg/m ²			
< 16	3.14	3.01-3.28	< 0.0001
≥ 16-18	1.89	1.82-1.96	< 0.0001
≥ 18-20	1.31	1.26-1.35	< 0.0001
≥ 20-22	1.00	Reference	-
≥ 22-24	0.79	0.76-0.82	< 0.0001
≥ 24-26	0.64	0.61-0.68	< 0.0001
≥ 26-28	0.59	0.55-0.63	< 0.0001
≥ 28	0.51	0.48-0.55	< 0.0001
Serum albumin, g/dL			

< 2.5	11.1	10.6-11.6	< 0.0001
≥ 2.5-3.0	5.43	5.25-5.61	< 0.0001
≥ 3.0-3.5	2.22	2.16-2.28	< 0.0001
≥ 3.5-4.0	1.00	Reference	-
≥ 4.0	0.55	0.53-0.58	< 0.0001
C-reactive protein, mg/dL			
1 mg/dL increase	1.30	1.29-1.31	< 0.0001
Hemoglobin, g/dL			
1 g/dL increase	0.79	0.79-0.80	< 0.0001
Systolic BP, mmHg			
< 100	2.59	2.43-2.77	< 0.0001
≥100-120	1.56	1.49-1.62	< 0.0001
≥120-140	1.00	Reference	-
≥140-160	0.84	0.81-0.86	< 0.0001
≥160-180	0.83	0.80-0.86	< 0.0001
≥180	0.88	0.84-0.91	< 0.0001
Diastolic BP, mmHg			
< 60	2.44	2.35-2.54	< 0.0001
≥ 60-70	1.56	1.50-1.61	< 0.0001
≥ 70-80	1.20	1.16-1.24	< 0.0001
≥ 80-90	1.00	Reference	-
≥ 90-100	0.88	0.84-0.92	< 0.0001
≥ 100	0.86	0.81-0.91	< 0.0001
Heart rate, bpm			
< 60	1.18	1.14-1.23	< 0.0001
≥ 60-70	1.05	1.02-1.08	0.003
≥ 70-80	1.00	Reference	-
≥ 80-90	1.05	1.02-1.09	0.003
≥ 90-100	1.12	1.07-1.17	< 0.0001
≥ 100	1.41	1.33-1.49	< 0.0001
β ₂ -microglobulin, mg/L			
< 15	0.86	0.80-0.94	0.0003
≥ 15-20	0.86	0.81-0.90	< 0.0001
≥ 20-25	0.96	0.92-0.99	0.028
≥ 25-30	1.00	Reference	-
≥ 30-35	1.26	1.22-1.31	< 0.0001

≥ 35-40	1.69	1.61-1.76	< 0.0001
≥ 40	2.37	2.24-2.49	< 0.0001
Kt/V			
< 1.0	1.87	1.78-1.96	< 0.0001
≥ 1.0-1.2	1.29	1.24-1.34	< 0.0001
≥ 1.2-1.4	1.09	1.06-1.13	< 0.0001
≥ 1.4-1.6	1.00	Reference	-
≥ 1.6-1.8	0.97	0.93-1.00	0.081
≥ 1.8	0.84	0.81-0.88	< 0.0001
Calcium, mg/dL			
< 8.0	1.78	1.72-1.84	< 0.0001
≥ 8.0-8.5	1.27	1.23-1.31	< 0.0001
≥ 8.5-9.0	1.00	Reference	-
≥ 9.0-9.5	0.87	0.84-0.91	< 0.0001
≥ 9.5-10.0	0.89	0.85-0.94	< 0.0001
≥ 10.0	1.16	1.09-1.23	< 0.0001
Phosphate, mg/dL			
< 3.5	2.45	2.35-2.56	< 0.0001
≥ 3.5-4.0	1.55	1.48-1.63	< 0.0001
≥ 4.0-4.5	1.24	1.18-1.29	< 0.0001
≥ 4.5-5.0	1.09	1.04-1.14	0.0001
≥ 5.0-5.5	1.00	Reference	-
≥ 5.5-6.0	1.00	0.95-1.04	0.897
≥ 6.0-6.5	0.98	0.93-1.04	0.422
≥ 6.5-7.0	0.99	0.93-1.04	0.620
≥ 7.5	1.05	1.00-1.11	0.042
Intact-PTH, pg/mL			
< 60	1.36	1.32-1.40	< 0.0001
≥ 60-180	1.00	Reference	-
≥ 181-240	0.86	0.83-0.89	< 0.0001
≥ 240-500	0.88	0.85-0.91	< 0.0001
≥ 500	1.02	0.94-1.09	0.417
nPCR, g/kg/day			
< 0.6	2.85	2.75-2.96	< 0.0001
≥ 0.6-0.8	1.44	1.40-1.48	< 0.0001
≥ 0.8-1.0	1.00	Reference	-

≥ 1.0 -1.2	0.85	0.82-0.89	< 0.0001
≥ 1.2	0.89	0.83-0.97	0.005

BP, blood pressure; CVD, cardiovascular disease; nPCR, normalized protein catabolic rate; PTH, parathyroid hormone.