

Table S1 The results of the univariate survival analysis (28-day survival)

Variables	β	SE	χ^2	P	HR	95% CI	
						Lower	Upper
Age	0.035	0.007	26.752	<0.001	1.04	1.02	1.05
Gender							
Female					Ref		
Male	0.191	0.152	1.567	0.211	1.21	0.90	1.63
Race							
White					Ref		
Black	-0.773	0.235	10.849	<0.001	0.46	0.29	0.73
Asian	-1.567	1.004	2.436	0.119	0.21	0.03	1.49
Hispanic	-1.124	0.584	3.705	0.054	0.33	0.10	1.02
Other	0.071	0.214	0.109	0.742	1.07	0.71	1.63
Diabetes (yes)	-0.209	0.157	1.769	0.184	0.81	0.60	1.10
Hypertension (yes)	-0.066	0.208	0.101	0.751	0.94	0.62	1.41
Hyperlipidemia (yes)	-0.328	0.162	4.078	0.043	0.72	0.52	0.99
SAPSII	0.044	0.005	84.109	<0.001	1.05	1.04	1.06
SOFA	0.135	0.021	40.829	<0.001	1.15	1.10	1.19
Dialysis (yes)	-0.581	0.148	15.533	<0.001	0.56	0.42	0.75
Glucocorticoid (yes)	0.380	0.171	4.931	0.026	1.46	1.05	2.05
MMF (yes)	-0.599	0.711	0.711	0.399	0.55	0.14	2.21
Statin (yes)	-0.069	0.156	0.194	0.660	0.93	0.69	1.27
RRT (yes)	0.066	0.175	0.142	0.706	1.07	0.76	1.06
Hemoglobin	0.081	0.039	4.360	0.037	1.08	1.01	1.17
BUN	0.004	0.002	3.362	0.067	1.00	1.00	1.01
Creatinine	-0.050	0.027	3.400	0.065	0.95	0.90	1.00
β -blocker (yes)	-0.580	0.205	7.998	0.005	0.56	0.38	0.84

SAPS II, Simplified Acute Physiological Score II; SOFA, sequential organ failure assessment; MMF, mycophenolate mofetil; RRT, renal replacement treatment; BUN, blood urea nitrogen; HR, hazard ratio; CI, confidence interval.

Table S2 The results of the univariate survival analysis (3-year survival)

Variables	β	SE	χ^2	P	HR	95% CI	
						Lower	Upper
Age	0.029	0.003	73.694	<0.001	1.03	1.02	1.04
Gender							
Female					Ref		
Male	0.082	0.079	1.062	0.303	1.09	0.93	1.27
Race							
White					Ref		
Black	-0.498	0.109	21.011	<0.001	0.61	0.49	0.75
Asian	-0.129	0.263	0.241	0.623	0.88	0.53	1.47
Hispanic	-0.699	0.240	8.440	0.004	0.50	0.31	0.80
Other	-0.001	0.122	0.000	0.993	1.00	0.79	1.27
Diabetes (yes)	-0.143	0.081	3.061	0.080	0.87	0.74	1.02
Hypertension (yes)	-0.016	0.108	0.023	0.880	0.98	0.80	1.22
Hyperlipidemia (yes)	-0.440	0.085	26.500	<0.001	0.64	0.55	0.76
SAPSII	0.022	0.003	65.672	<0.001	1.02	1.02	1.03
SOFA	0.050	0.012	17.576	<0.001	1.05	1.03	1.08
Dialysis (yes)	-0.137	0.082	2.771	0.096	0.87	0.74	1.03
Glucocorticoid (yes)	0.191	0.098	3.829	0.050	1.21	1.00	1.47
MMF (yes)	-0.496	0.336	2.180	0.140	0.61	0.32	1.18
Statin (yes)	-0.156	0.083	3.483	0.062	0.86	0.73	1.01
RRT (yes)	-0.174	0.099	3.073	0.080	0.84	0.69	1.02
Hemoglobin	0.032	0.020	2.419	0.120	1.03	0.99	1.08
BUN	<0.001	0.001	0.030	0.863	1.00	1.00	1.00
Creatinine	-0.050	0.014	13.498	<0.001	0.95	0.93	0.98
β -blocker (yes)	-0.256	0.097	6.941	0.008	0.77	0.64	0.94

SAPS II, Simplified Acute Physiological Score II; SOFA, sequential organ failure assessment; MMF, mycophenolate mofetil; RRT, renal replacement treatment; BUN, blood urea nitrogen; HR, hazard ratio; CI, confidence interval.

Table S3 The sensitivity analysis before and after deletion of missing values

Variables	Total (n=2,238)	After deletion (n=1,081)	Before deletion (n=1,157)	t/ χ^2 /Z	P
Age (year)	67.92±12.94	68.34 ± 12.75	67.54±13.11	1.45	0.146
Gender				0.014	0.905
Female	906 (40.48)	439 (40.61)	467 (40.36)		
Male	1,332 (59.52)	642 (59.39)	690 (59.64)		
Race				0.178	0.996
White	1,403 (62.69)	678 (62.72)	725 (62.66)		
Black	444 (19.84)	215 (19.89)	229 (19.79)		
Asian	45 (2.01)	22 (2.04)	23 (1.99)		
Hispanic	93 (4.16)	43 (3.98)	50 (4.32)		
Other	253 (11.30)	123 (11.38)	130 (11.24)		
Diabetes				0.040	0.842
No	1,427 (63.76)	687 (63.55)	740 (63.96)		
Yes	811 (36.24)	394 (36.45)	417 (36.04)		
Hypertension				0.562	0.454
No	1,883 (84.14)	916 (84.74)	967 (83.58)		
Yes	355 (15.86)	165 (15.26)	190 (16.42)		
Hyperlipidemia				0.446	0.504
No	1,446 (64.61)	706 (65.31)	740 (63.96)		
Yes	792 (35.39)	375 (34.69)	417 (36.04)		
SAPS II	42.92±13.33	43.19±13.30	42.66±13.35	0.94	0.349
SOFA	6.00 (5.00–9.00)	6.00 (5.00–9.00)	6.00 (5.00–9.00)	0.099	0.921
Dialysis				0.151	0.698
No	724 (32.35)	354 (32.75)	370 (31.98)		
Yes	1,514 (67.65)	727 (67.25)	787 (68.02)		
Glucocorticoid				1.333	0.248
No	1,810 (80.88)	885 (81.87)	925 (79.95)		
Yes	428 (19.12)	196 (18.13)	232 (20.05)		
MMF				4.090	0.043
No	2,181 (97.45)	1,061 (98.15)	1,120 (96.80)		
Yes	57 (2.55)	20 (1.85)	37 (3.20)		
Hemoglobin (g/dL)	10.25±1.85	10.27 ± 1.85	10.24 ± 1.85	0.46	0.648
BUN (mg/dL)	48.00 (32.00–70.00)	47.00 (32.00–70.00)	48.00 (32.00–71.00)	-0.379	0.704

Data are shown as mean ± standard deviation, number (percentage) or median (interquartile range). SAPS II, Simplified Acute Physiological Score II; SOFA, sequential organ failure assessment; MMF, mycophenolate mofetil; RRT, renal replacement treatment; BUN, blood urea nitrogen.