

Table S1 Potential Risk Factors for Antibiotic Replacement Before PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	0.47	0.26	1.80	0.072	1.60 (0.96 ~ 2.66)	0.47	0.26	1.77	0.076	1.59 (0.95 ~ 2.66)
Age	0.02	0.01	2.16	0.030	1.02 (1.01 ~ 1.03)	0.02	0.01	2.14	0.032	1.02 (1.01 ~ 1.03)

Abbreviations: β , Beta Coefficient; S.E, Standard Error; t, T-Statistic; P, P-Value; CI, Confidence Interval.

Table S2 Potential Risk Factors for Antibiotic Replacement Following PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	0.48	0.24	1.99	0.046	1.61 (1.01 ~ 2.58)	0.48	0.24	1.98	0.048	1.61 (1.01 ~ 2.59)
Gender	-0.61	0.28	-2.19	0.028	0.54 (0.31 ~ 0.94)	-0.61	0.28	-2.18	0.029	0.54 (0.31 ~ 0.94)

Abbreviations: β , Beta Coefficient; S.E, Standard Error; t, T-Statistic; P, P-Value; CI, Confidence Interval.

Table S3 Potential risk variables for mechanical ventilation duration before PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	122.34	30.36	4.03	<.001	122.34 (62.83 ~ 181.85)	119.73	29.57	4.05	<.001	119.73 (61.77 ~ 177.69)
Gender										
Female					0.00 (Reference)					0.00 (Reference)
Male	-83.96	33.78	-2.49	0.013	-83.96 (-150.17 ~ -17.75)	-80.06	32.32	-2.48	0.014	-80.06 (-143.41 ~ -16.72)
CHS										
NO					0.00 (Reference)					0.00 (Reference)
YES	117.04	53.20	2.20	0.028	117.04 (12.77 ~ 221.31)	86.78	52.77	1.64	0.101	86.78 (-16.65 ~ 190.21)

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Respiratory rate	6.36	1.85	3.44	<.001	6.36 (2.73 ~ 9.98)	3.74	2.00	1.87	0.062	3.74 (-0.18 ~ 7.66)
Heart rate	1.45	0.39	3.72	<.001	1.45 (0.68 ~ 2.21)	0.73	0.43	1.70	0.090	0.73 (-0.11 ~ 1.56)
MAP	-1.17	0.48	-2.45	0.015	-1.17 (-2.11 ~ -0.24)	-1.10	0.46	-2.38	0.018	-1.10 (-2.01 ~ -0.20)
APACHE II	7.39	2.44	3.03	0.003	7.39 (2.61 ~ 12.18)	1.92	2.58	0.74	0.458	1.92 (-3.14 ~ 6.98)

Abbreviations: CHS, Chronic Health Score; MAP, Mean Arterial Pressure; APACHE II, Acute Physiology and Chronic Health Evaluation II; β , Beta Coefficient; S.E, Standard Error; t, T-Statistic; P, P-Value; CI, Confidence Interval.

Table S4 Potential risk variables for length of hospital stay before PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	5.96	2.78	2.15	0.033	5.96 (0.51 ~ 11.40)	6.41	2.69	2.38	0.018	6.41 (1.14 ~ 11.68)
HCT	-44.43	16.06	-2.77	0.006	1.18 (0.54 ~ 1.82)	-38.03	16.13	-2.36	0.019	-38.03 (-69.64 ~ -6.41)
PH	-32.75	10.19	-3.22	0.001	-36.28 (-66.94 ~ -5.61)	-28.07	10.32	-2.72	0.007	-28.07 (-48.29 ~ -7.84)
Heart rate	0.09	0.04	2.44	0.015	-33.07 (-52.39 ~ -13.74)	0.04	0.04	1.10	0.274	0.04 (-0.03 ~ 0.11)
MAP	-0.11	0.04	-2.56	0.011	0.09 (0.02 ~ 0.16)	-0.07	0.04	-1.65	0.100	-0.07 (-0.16 ~ 0.01)
GCS	1.18	0.33	3.62	<.001	-0.11 (-0.19 ~ -0.03)	1.08	0.32	3.41	<.001	1.08 (0.46 ~ 1.70)

Abbreviations: HCT, Hematocrit; PH, Potential of Hydrogen; MAP, Mean Arterial Pressure; GCS, Glasgow Coma Scale; β , Beta Coefficient; S.E, Standard Error; t, T-Statistic; P, P-Value; CI, Confidence Interval.

Table S5 Potential risk variables for length of ICU stay before PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	5.48	1.61	3.40	<.001	5.48 (2.32 ~ 8.65)	5.45	1.57	3.47	<.001	5.45 (2.37 ~ 8.52)
Gender										
Female					0.00 (Reference)					0.00 (Reference)
Male	-4.89	1.78	-2.75	0.006	-4.89 (-8.38 ~ -1.40)	-4.58	1.74	-2.63	0.009	-4.58 (-8.00 ~ -1.16)
HCT	-19.58	9.47	-2.07	0.039	-19.58 (-38.13 ~ -1.03)	-6.58	9.54	-0.69	0.491	-6.58 (-25.28 ~ 12.12)
Serum creatinine	0.01	0.00	2.23	0.026	0.01 (0.01 ~ 0.02)	0.01	0.01	0.86	0.391	0.01 (-0.01 ~ 0.02)
Respiratory rate	0.38	0.10	3.87	<.001	0.38 (0.19 ~ 0.57)	0.22	0.11	2.05	0.042	0.22 (0.01 ~ 0.42)
Heart rate	0.08	0.02	4.08	<.001	0.08 (0.04 ~ 0.12)	0.04	0.02	1.79	0.074	0.04 (-0.00 ~ 0.08)
MAP	-0.07	0.03	-2.80	0.005	-0.07 (-0.12 ~ -0.02)	-0.06	0.03	-2.43	0.016	-0.06 (-0.11 ~ -0.01)
APACHE II	0.45	0.13	3.50	<.001	0.45 (0.20 ~ 0.70)	0.12	0.14	0.85	0.395	0.12 (-0.16 ~ 0.40)
Renal failure										

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
NO					0.00 (Reference)					0.00 (Reference)
YES	6.98	3.19	2.19	0.029	6.98 (0.72 ~ 13.23)	2.26	3.63	0.62	0.533	2.26 (-4.85 ~ 9.38)

Abbreviations: HCT, Hematocrit; MAP, Mean Arterial Pressure; APACHE II, Acute Physiology and Chronic Health Evaluation II; β , Beta Coefficient; S.E, Standard Error; t, T-Statistic; P, P-Value; CI, Confidence Interval.

Table S6 Potential risk variables for in-hospital mortality before PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	Z	P	HR (95%CI)	β	S.E	Z	P	HR (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	0.14	0.28	0.51	0.613	1.15 (0.67 ~ 1.99)	0.14	0.28	0.51	0.607	1.16 (0.67 ~ 2.00)
GCS	-0.11	0.04	-2.97	0.003	0.90 (0.84 ~ 0.96)	-0.05	0.04	-1.21	0.227	0.95 (0.88 ~ 1.03)
APACHE II	0.08	0.02	3.95	<.001	1.09 (1.04 ~ 1.13)	0.07	0.02	2.77	0.006	1.07 (1.02 ~ 1.12)

Abbreviations: GCS, Glasgow Coma Scale; APACHE II, Acute Physiology and Chronic Health Evaluation II; β , Beta Coefficient; S.E, Standard Error; Z, Z-Statistic; P, P-Value; HR, Hazard Ratio; CI, Confidence Interval.

Table S7 Potential Risk Variables for 28-day mortality before PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	Z	P	HR (95%CI)	β	S.E	Z	P	HR (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	0.28	0.32	0.89	0.374	1.33 (0.71 ~ 2.47)	0.23	0.32	0.73	0.463	1.26 (0.68 ~ 2.35)
Heart rate	0.01	0.00	2.07	0.039	1.01 (1.01 ~ 1.02)	0.01	0.00	1.35	0.178	1.01 (1.00 ~ 1.01)
GCS	-0.10	0.04	-2.48	0.013	0.90 (0.83 ~ 0.98)	-0.06	0.05	-1.31	0.189	0.94 (0.86 ~ 1.03)
APACHEII	0.08	0.02	3.22	0.001	1.08 (1.03 ~ 1.13)	0.05	0.03	1.48	0.138	1.05 (0.99 ~ 1.11)

Abbreviations: GCS, Glasgow Coma Scale; APACHE II, Acute Physiology and Chronic Health Evaluation II; β , Beta Coefficient; S.E, Standard Error; Z, Z-Statistic; P, P-Value; HR, Hazard Ratio; CI, Confidence Interval.

Table S8 Baseline characteristics between groups after PSM

Variables	Single group (n = 149)	Multiple group (n = 149)	<i>P</i> value	SMD
pre-ICU LOS	0.00 (0.00, 2.00)	0.00 (0.00, 1.00)	0.097	-0.020
APACHE II	20.00 (16.00, 24.00)	20.00 (17.00, 24.00)	0.444	0.095
Age	58.00 (48.00, 70.00)	58.00 (50.00, 69.00)	0.910	0.022
GCS	8.00 (5.00, 12.00)	8.00 (5.00, 13.00)	0.896	-0.006
Body temperature	37.70 (36.70, 38.30)	37.60 (36.80, 38.40)	0.939	0.000
MAP	76.00 (63.00, 116.00)	72.00 (61.00, 116.00)	0.764	0.006
Heart rate	106.00 (59.00, 132.00)	113.00 (60.00, 131.00)	0.899	0.063
Respiratory rate	25.00 (16.00, 29.00)	25.00 (16.00, 30.00)	0.624	0.049
PaO ₂ /FiO ₂ ratio	252.50 (202.00, 357.58)	250.00 (193.33, 352.50)	0.996	0.024
PH	7.40 (7.32, 7.49)	7.40 (7.31, 7.47)	0.475	-0.018
Serum sodium	137.00 (134.20, 141.60)	137.00 (134.00, 142.00)	0.870	0.041

Variables	Single group (n = 149)	Multiple group (n = 149)	P value	SMD
Serum potassium	3.80 (3.40, 4.40)	3.80 (3.40, 4.42)	0.819	0.006
Serum creatinine	66.00 (49.00, 116.00)	70.00 (50.00, 110.00)	0.622	-0.003
HCT	0.32 (0.26, 0.37)	0.31 (0.25, 0.38)	0.591	-0.076
WBC	3.80 (3.40, 4.40)	3.80 (3.40, 4.42)	0.819	0.006
Diabetes, n (%)	23 (15.44)	24 (16.11)	0.874	0.018
COPD, n (%)	10 (6.71)	10 (6.71)	1.000	0.000
Hypertension, n (%)	61 (40.94)	59 (39.60)	0.813	-0.027
Heart disease, n (%)	11 (7.38)	11 (7.38)	1.000	0.000
Renal failure, n (%)	11 (7.38)	10 (6.71)	0.821	-0.027
Gender, male, n (%)	107 (71.81)	102 (68.46)	0.527	-0.072
CHS, n (%)	13 (8.72)	11 (7.38)	0.670	-0.051

Abbreviations: APACHE II, Acute Physiology and Chronic Health Evaluation II; GCS, Glasgow Coma Scale; MAP, Mean Arterial Pressure; PaO₂, Partial Pressure of Oxygen; PH, Potential of Hydrogen; HCT, Hematocrit; WBC, White Blood Cell Count; COPD, Chronic Obstructive Pulmonary Disease; CHS, Chronic Health Score.

Table S9 Potential risk variables for mechanical ventilation duration after PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	130.34	35.19	3.70	<.001	130.34 (61.36 ~ 199.31)	121.98	34.13	3.57	<.001	121.98 (55.08 ~ 188.88)
Gender, male, n (%)	-96.20	38.93	-2.47	0.014	-96.20 (-172.50 ~ -19.90)	-83.38	37.50	-2.22	0.027	-83.38 (-156.89 ~ -9.87)
Respiratory rate	6.47	2.13	3.03	0.003	6.47 (2.29 ~ 10.64)	3.99	2.31	1.73	0.085	3.99 (-0.53 ~ 8.51)
MAP	-1.25	0.55	-2.26	0.025	-1.25 (-2.33 ~ -0.16)	-0.93	0.54	-1.73	0.084	-0.93 (-1.98 ~ 0.12)
APACHEII	8.39	2.88	2.91	0.004	8.39 (2.74 ~ 14.03)	4.31	2.93	1.47	0.143	4.31 (-1.44 ~ 10.06)
Heart rate	1.44	0.46	3.16	0.002	1.44 (0.55 ~ 2.34)	0.67	0.50	1.33	0.184	0.67 (-0.32 ~ 1.66)

Abbreviations: MAP, Mean Arterial Pressure; APACHE II, Acute Physiology and Chronic Health Evaluation II; β , Beta Coefficient; S.E, Standard Error; t, T-Statistic; P, P-Value; CI, Confidence Interval.

Table S10 Potential risk variables for length of ICU stay after PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	6.15	1.80	3.42	<.001	6.15 (2.62 ~ 9.67)	5.71	1.71	3.33	<.001	5.71 (2.35 ~ 9.07)
COPD	8.81	3.63	2.43	0.016	8.81 (1.70 ~ 15.92)	4.50	3.54	1.27	0.204	4.50 (-2.43 ~ 11.44)
Renal failure	8.87	3.54	2.50	0.013	8.87 (1.93 ~ 15.82)	5.29	3.46	1.53	0.128	5.29 (-1.50 ~ 12.07)
Gender	-4.91	1.98	-2.48	0.014	-4.91 (-8.80 ~ -1.03)	-3.77	1.91	-1.98	0.049	-3.77 (-7.52 ~ -0.03)
Respiratory rate	0.40	0.11	3.74	<.001	0.40 (0.19 ~ 0.61)	0.23	0.12	1.91	0.057	0.23 (-0.01 ~ 0.46)
Heart rate	0.08	0.02	3.63	<.001	0.08 (0.04 ~ 0.13)	0.04	0.03	1.41	0.158	0.04 (-0.01 ~ 0.09)
HCT	-27.07	10.68	-2.53	0.012	-27.07 (-48.00 ~ -6.13)	-10.75	10.60	-1.01	0.311	-10.75 (-31.53 ~ 10.03)
MAP	-0.07	0.03	-2.63	0.009	-0.07 (-0.13 ~ -0.02)	-0.05	0.03	-1.69	0.092	-0.05 (-0.10 ~ 0.01)
APACHE II	0.49	0.15	3.37	<.001	0.49 (0.21 ~ 0.78)	0.18	0.15	1.19	0.236	0.18 (-0.12 ~ 0.48)

Abbreviations: COPD, Chronic Obstructive Pulmonary Disease; HCT, Hematocrit; MAP, Mean Arterial Pressure; APACHE II, Acute Physiology and Chronic Health Evaluation II; β , Beta Coefficient; S.E, Standard Error; t, T-Statistic; P, P-Value; CI, Confidence Interval.

Table S11 Potential risk variables for length of hospital stay after PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	5.50	3.21	1.71	0.088	5.50 (-0.80 ~ 11.80)	5.25	2.91	1.80	0.073	5.25 (-0.46 ~ 10.97)
PH	-40.85	11.81	-3.46	<.001	-40.85 (-63.99 ~ -17.71)	-32.20	11.37	-2.83	0.005	-32.20 (-54.49 ~ -9.91)
Heart rate	0.10	0.04	2.37	0.018	0.10 (0.02 ~ 0.18)	0.05	0.04	1.30	0.195	0.05 (-0.03 ~ 0.13)
MAP	-0.14	0.05	-2.92	0.004	-0.14 (-0.24 ~ -0.05)	-0.09	0.05	-1.91	0.057	-0.09 (-0.18 ~ 0.00)
GCS	1.23	0.38	3.19	0.002	1.23 (0.47 ~ 1.98)	0.73	0.36	2.03	0.044	0.73 (0.02 ~ 1.43)
HCT	-63.07	18.67	-3.38	<.001	-63.07 (-99.66 ~ -26.48)	-39.07	17.98	-2.17	0.031	-39.07 (-74.31 ~ -3.82)

Abbreviations: PH, Potential of Hydrogen; MAP, Mean Arterial Pressure; GCS, Glasgow Coma Scale; HCT, Hematocrit; β , Beta Coefficient; S.E, Standard Error; t, T-Statistic; P, P-Value; CI, Confidence Interval.

Table S12 Potential risk variables for in-hospital mortality after PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	Z	P	HR (95%CI)	β	S.E	Z	P	HR (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	0.05	0.33	0.16	0.873	1.05 (0.55 ~ 2.01)	0.03	0.33	0.09	0.931	1.03 (0.54 ~ 1.97)
GCS	-0.11	0.04	-2.48	0.013	0.90 (0.83 ~ 0.98)	-0.04	0.05	-0.87	0.384	0.96 (0.87 ~ 1.05)
APACHE II	0.08	0.02	3.17	0.002	1.08 (1.03 ~ 1.13)	0.08	0.03	2.67	0.007	1.08 (1.02 ~ 1.14)
MAP	0.01	0.00	2.62	0.009	1.01 (1.01 ~ 1.02)	0.01	0.00	3.14	0.002	1.01 (1.01 ~ 1.02)

Abbreviations: GCS, Glasgow Coma Scale; APACHE II, Acute Physiology and Chronic Health Evaluation II; MAP, Mean Arterial Pressure; β , Beta Coefficient; S.E, Standard Error; Z, Z-Statistic; P, P-Value; HR, Hazard Ratio; CI, Confidence Interval.

Table S13 Potential Risk Variables for 28-day mortality after PSM

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	Z	P	HR (95%CI)	β	S.E	Z	P	HR (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	0.27	0.38	0.71	0.479	1.31 (0.62 ~ 2.77)	0.25	0.38	0.67	0.506	1.29 (0.61 ~ 2.73)
GCS	-0.10	0.05	-2.00	0.046	0.90 (0.82 ~ 0.99)	-0.06	0.06	-1.05	0.293	0.94 (0.84 ~ 1.05)
APACHE II	0.07	0.03	2.30	0.022	1.07 (1.01 ~ 1.13)	0.05	0.03	1.40	0.161	1.05 (0.98 ~ 1.12)

Abbreviations: GCS, Glasgow Coma Scale; APACHE II, Acute Physiology and Chronic Health Evaluation II; β , Beta Coefficient; S.E, Standard Error; Z, Z-Statistic; P, P-Value; HR, Hazard Ratio; CI, Confidence Interval.

Table S14 Potential risk variables for hospitalization costs before PSM ($\times 10^3$ yuan)

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	45.30	18.57	2.44	0.015	45.30 (8.89 ~ 81.70)	46.40	18.04	2.57	0.011	46.40 (11.05 ~ 81.75)
CHS	72.03	32.09	2.24	0.025	72.03 (9.14 ~ 134.92)	20.19	35.75	0.56	0.573	20.19 (-49.88 ~ 90.26)
pre-ICU LOS	4.88	1.25	3.90	<.001	4.88 (2.43 ~ 7.33)	4.62	1.22	3.78	<.001	4.62 (2.22 ~ 7.02)
HCT	- 251.86	107.94	- 2.33	0.020	-251.86 (-463.43 ~ - 40.30)	- 108.65	110.22	- 0.99	0.325	-108.65 (-324.68 ~ 107.38)
Serum creatinine	0.14	0.06	2.51	0.012	0.14 (0.03 ~ 0.25)	0.07	0.07	1.03	0.304	0.07 (-0.06 ~ 0.19)
Respiratory rate	2.46	1.13	2.19	0.029	2.46 (0.26 ~ 4.67)	0.42	1.22	0.34	0.732	0.42 (-1.98 ~ 2.81)
Heart rate	0.76	0.24	3.24	0.001	0.76 (0.30 ~ 1.22)	0.45	0.26	1.70	0.091	0.45 (-0.07 ~ 0.96)
PH	- 160.87	68.72	- 2.34	0.020	-160.87 (-295.56 ~ - 26.18)	-56.39	71.71	- 0.79	0.432	-56.39 (-196.95 ~ 84.16)
MAP	-0.87	0.29	- 3.02	0.003	-0.87 (-1.43 ~ -0.30)	-0.73	0.29	- 2.50	0.013	-0.73 (-1.30 ~ -0.16)
APACHE II	4.63	1.47	3.14	0.002	4.63 (1.74 ~ 7.51)	1.41	1.64	0.86	0.392	1.41 (-1.81 ~ 4.63)

Abbreviations: CHS, Chronic Health Score; HCT, Hematocrit; PH, Potential of Hydrogen; MAP, Mean Arterial Pressure; APACHE II, Acute Physiology and Chronic Health Evaluation II; β , Beta Coefficient; S.E, Standard Error; t, T-Statistic; P, P-Value; CI, Confidence Interval.

Table S15 Potential risk variables for hospitalization costs after PSM ($\times 10^3$ yuan)

Variables	Univariate analysis					Multivariate analysis				
	β	S.E	t	P	β (95%CI)	β	S.E	t	P	β (95%CI)
Group										
Single group					0.00 (Reference)					0.00 (Reference)
Multiple group	56.79	19.62	2.89	0.004	56.79 (18.34 ~ 95.24)	53.54	18.35	2.92	0.004	53.54 (17.58 ~ 89.50)
pre-ICU LOS	4.98	1.23	4.05	<.001	4.98 (2.57 ~ 7.39)	4.69	1.18	3.99	<.001	4.69 (2.39 ~ 6.99)
PH	2.55	1.19	2.15	0.032	2.55 (0.23 ~ 4.88)	1.61	1.27	1.27	0.206	1.61 (-0.88 ~ 4.09)
Respiratory rate	2.55	1.19	2.15	0.032	2.55 (0.23 ~ 4.88)	1.61	1.27	1.27	0.206	1.61 (-0.88 ~ 4.09)
Heart rate	0.68	0.25	2.67	0.008	0.68 (0.18 ~ 1.18)	0.36	0.27	1.30	0.193	0.36 (-0.18 ~ 0.90)
MAP	-0.84	0.30	-2.78	0.006	-0.84 (-1.44 ~ -0.25)	-0.51	0.30	-1.74	0.083	-0.51 (-1.10 ~ 0.07)
Body temperature	-23.09	9.08	-2.54	0.011	-23.09 (-40.88 ~ -5.29)	-26.87	8.84	-3.04	0.003	-26.87 (-44.21 ~ -9.54)
APACHE II	4.93	1.59	3.10	0.002	4.93 (1.81 ~ 8.04)	2.90	1.62	1.79	0.074	2.90 (-0.27 ~ 6.07)
HCT	-313.72	115.73	-2.71	0.007	-313.72 (-540.54 ~ -86.90)	-111.08	115.19	-0.96	0.336	-111.08 (-336.85 ~ 114.70)

Abbreviations: PH, Potential of Hydrogen; MAP, Mean Arterial Pressure; APACHE II, Acute Physiology and Chronic Health Evaluation II; HCT, Hematocrit; β , Beta Coefficient; S.E, Standard Error; t, T-Statistic; P, P-Value; CI, Confidence Interval.

Figure S1 Standardized mean difference (SMD) of variables before and after propensity score matching.

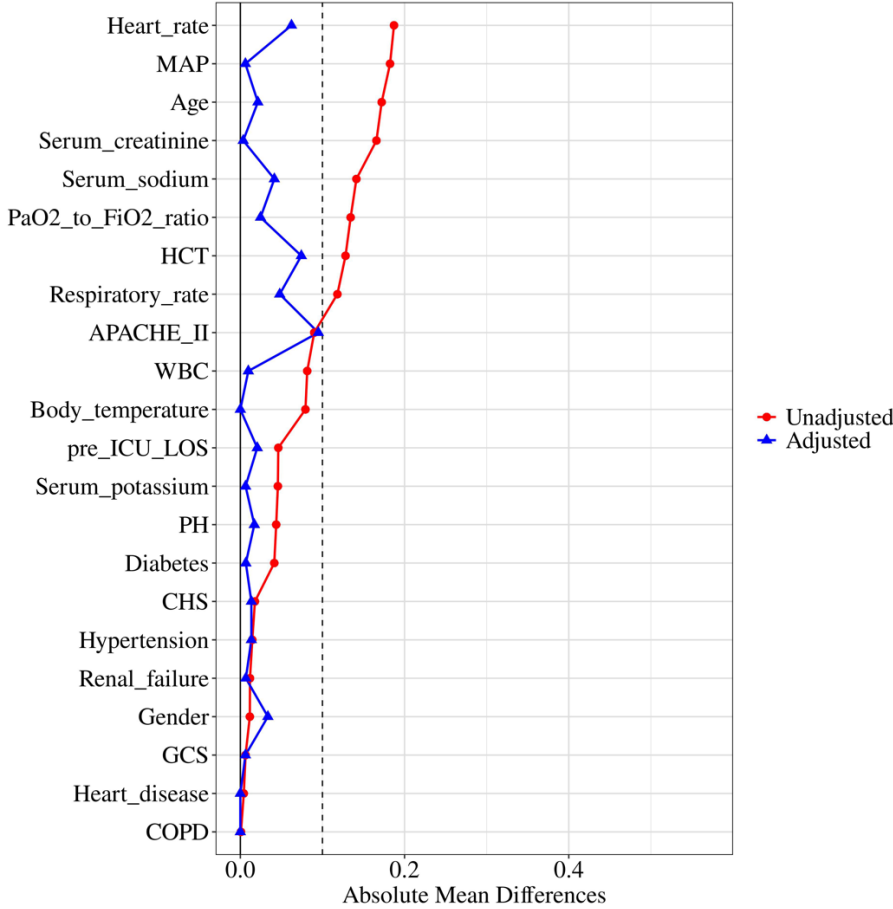


Figure S2 Probability density distribution map of variables before and after propensity score matching.

