**Table S8. Multivariate Cox regression analyses to identify the risks for 90-day mortality before PSM**

|  |  |  |
| --- | --- | --- |
| Variables | HR (95%CI) | P value |
| Age  | 1 (1.03-1.14) | <0.001 |
| Heartrate | 1 (1.05-1.12) | <0.001 |
| Septic shock | 1 (0.93-1.2) | 0.48 |
| Heart failure | 1.1 (1-1.2) | 0.0035 |
| Arrhythmias | 1.1 (0.99-1.2) | 0.072 |
| AKI | 1.4 (1.3-1.5) | <0.001 |
| Cancer | 2.5 (2.3-2.8)  | <0.001 |
| SOFA | 1.1 (1.07-1.12) | <0.001 |
| Lactate  | 1.1 (1.08-1.13) | <0.001 |
| RRT  | 1 (0.89-1.2) | 0.68 |
| Ventilation | 1 (0.96-1.1)  | 0.36 |
| Vasopressor | 0.98 (0.89-1.1) | 0.75 |
| Gram-positive Bacteria | 1.1 (1.1-1.2) | 0.0012 |
| β-Blockers | 0.79 (0.74-0.86)  | <0.001 |

*Abbreviations:* *PSM* propensity score matching, *HR* hazard ratio, *CI* confidence interval, *AKI* acute kidney injury, *SOFA* Sequential Organ Failure Assessment, *RRT* renal replacement therapy.