

**Supplementary Fig. 1**. **The Kaplan–Meier survival curves were constructed to compare overall survival between high- and low-BAR groups, with the cutoff value of 7.56 determined based on the Youden index.** BAR is the ratio of blood urea nitrogen to serum albumin.



**Supplementary Fig. 2. The correlation between creatinine and BAR.** BAR is the ratio of blood urea nitrogen to serum albumin.



**Supplementary Fig. 3**. **The correlation between wbc and BAR.** BAR is the ratio of blood urea nitrogen to serum albumin.

Supplementary Table 1. Univariate Cox regression analysis for in-hospital mortality.

|  |  |  |
| --- | --- | --- |
| Methods | **HR** (95%**CI**) | ***P*** value |
| For categorical variable, BAR | | |
| Unadjusted | 2.850(2.621-3.099) | **<0.001** |

**Cutoff value of 7.56 determined is based on the Youden index.** BAR is the ratio of blood urea nitrogen to serum albumin.