Table S1 Factors independently associated with 30-day mortality of patients with sepsis in the multivariate logistic analysis

<table>
<thead>
<tr>
<th>Variables</th>
<th>OR</th>
<th>95% CI</th>
<th>P value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAE</td>
<td>1.26</td>
<td>1.07</td>
<td>1.49</td>
</tr>
<tr>
<td>Age (years)</td>
<td>1.04</td>
<td>1.03</td>
<td>1.04</td>
</tr>
<tr>
<td>Hypertension</td>
<td>0.76</td>
<td>0.64</td>
<td>0.89</td>
</tr>
<tr>
<td>Chronic pulmonary disease</td>
<td>1.22</td>
<td>1.02</td>
<td>1.46</td>
</tr>
<tr>
<td>Liver disease</td>
<td>1.39</td>
<td>1.02</td>
<td>1.87</td>
</tr>
<tr>
<td>Lactate (mmol/L)</td>
<td>1.13</td>
<td>1.07</td>
<td>1.19</td>
</tr>
<tr>
<td>PO2 (mmHg)</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>WBC (K/uL)</td>
<td>1.01</td>
<td>1.00</td>
<td>1.01</td>
</tr>
<tr>
<td>Creatinine (K/uL)</td>
<td>0.93</td>
<td>0.86</td>
<td>0.99</td>
</tr>
<tr>
<td>BUN (K/uL)</td>
<td>1.01</td>
<td>1.00</td>
<td>1.01</td>
</tr>
<tr>
<td>Hemoglobin (g/dL)</td>
<td>0.95</td>
<td>0.91</td>
<td>0.99</td>
</tr>
<tr>
<td>Bilirubin (EU/dL)</td>
<td>1.04</td>
<td>1.02</td>
<td>1.07</td>
</tr>
<tr>
<td>RDW (%)</td>
<td>1.14</td>
<td>1.10</td>
<td>1.19</td>
</tr>
<tr>
<td>MCV (fL)</td>
<td>1.02</td>
<td>1.01</td>
<td>1.03</td>
</tr>
<tr>
<td>Mean heart rate (min-1)</td>
<td>1.01</td>
<td>1.00</td>
<td>1.01</td>
</tr>
<tr>
<td>Mean respiratory rate (min-1)</td>
<td>1.07</td>
<td>1.05</td>
<td>1.09</td>
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<tr>
<td>Mean temperature (°C)</td>
<td>0.72</td>
<td>0.63</td>
<td>0.82</td>
</tr>
<tr>
<td>Mean SpO2 (%)</td>
<td>0.96</td>
<td>0.92</td>
<td>0.99</td>
</tr>
<tr>
<td>Mechanical ventilation</td>
<td>1.80</td>
<td>1.38</td>
<td>2.34</td>
</tr>
<tr>
<td>Vasopressor</td>
<td>2.05</td>
<td>1.73</td>
<td>2.43</td>
</tr>
</tbody>
</table>

BUN, blood urea nitrogen; RDW, red blood cell distribution widths; MCV, mean corpuscular volume.

Hosmer-Lemeshow test: p=0.853.