**Table 1: Comparisons of the baseline clinical characteristics between sepsis and non-sepsis**

Graphical user interface, table

Description automatically generated

Table

Description automatically generated

**Figure 3: Severity score and normalized lactate load in sepsis and non-sepsis patients**

Chart, box and whisker chart

Description automatically generated

**Table 2: Performance of normalized lactate load, maximum lactate, and mean lactate in predicting 28-day mortality**

Table

Description automatically generated

**Figure 1: Diagram describing the calculation of lactate load and normalized lactate load**

This figure was not reproduced as it was created manually.

**Figure 2: Flowchart showing a step-by-step selection of patients included in the study**

This figure was not reproduced as it was created manually.

**Table 3: AUCs of normalized lactate load in patients with different number of lactate measurements**

This table was not reproduced as it is part of the sensitivity analysis which used the excluded cohort.