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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Groups** | **Variables** | | | | | | |
| Demographic information | Age | Gender | Ethnicity | Height | Weight | BMI1 |  |
| Vital signs | Temperature (TEM) | Heart rate (HR) | Respiratory rate (RR) | Diastolic blood pressure (DIAS\_BP) | Systolic blood pressure (SYS\_BP) | Mean blood pressure (MEAN\_BP) | Oxygen saturation (SPO2) |
| Laboratory values | Sodium (NA\_ION) | Potassium (K\_ION) | Chloride (CL\_ION) | Bicarbonate (HCO3) | Glucose (GLU) | Blood urea nitrogen (UN) |  |
| White blood cell count (WBC) | Red blood cell count (RBC) | Hemoglobin (HGB) | Hematocrit (HCT) | Platelets (PLT) | Serum creatinine (SCr) |  |
| Fluid balance | Fluids intake last 12 hours (INPUT\_12HR) | Fluids intake last 24 hours (INPUT\_24HR) | Urine output last 12 hours (OUTPUT\_12HR) | Urine output last 24 hours (OUTPUT\_24HR) |  |  |  |
| Additional respiratory and hemodynamic support | Vasopressor (VASO) | Mechanical ventilation (MECH) |  |  |  |  |  |
| Primary diagnosis | Sepsis, including pneumonia (SEP) | Cardiovascular (CAR) | Neurological (NEU) | Other Respiratory (RES) | Other diseases (OD) |  |  |
| Comorbidities | Hypertension (HYP) | Diabetes (DIA) | Congestive heart failure (CHF) | Chronic pulmonary disease (CPD) | Chronic kidney disease (CKD) | Chronic liver disease (CLD) |  |
| Others | Hours stayed in ICU (HOURS) | Initial SOFA3 (ISOFA) |  |  |  |  |  |

Table 1. Variables and categorized groups. 1Body Mass Index: Weight (kg) / Height (meter) \* Height (meter). 3SOFA: Sequential Organ Failure Assessment.