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| **Table 1:** Columns in each training data file. | |
| **Vital signs (columns 1-8)** | |
| HR | Heart rate (beats per minute) |
| O2Sat | Pulse oximetry (%) |
| Temp | Temperature (Deg C) |
| SBP | Systolic BP (mm Hg) |
| MAP | Mean arterial pressure (mm Hg) |
| DBP | Diastolic BP (mm Hg) |
| Resp | Respiration rate (breaths per minute) |
| EtCO2 | End tidal carbon dioxide (mm Hg) |
| **Laboratory values (columns 9-34)** | |
| BaseExcess | Measure of excess bicarbonate (mmol/L) |
| HCO3 | Bicarbonate (mmol/L) |
| FiO2 | Fraction of inspired oxygen (%) |
| pH | N/A |
| PaCO2 | Partial pressure of carbon dioxide from arterial blood (mm Hg) |
| SaO2 | Oxygen saturation from arterial blood (%) |
| AST | Aspartate transaminase (IU/L) |
| BUN | Blood urea nitrogen (mg/dL) |
| Alkalinephos | Alkaline phosphatase (IU/L) |
| Calcium | (mg/dL) |
| Chloride | (mmol/L) |
| Creatinine | (mg/dL) |
| Bilirubin\_direct | Bilirubin direct (mg/dL) |
| Glucose | Serum glucose (mg/dL) |
| Lactate | Lactic acid (mg/dL) |
| Magnesium | (mmol/dL) |
| Phosphate | (mg/dL) |
| Potassium | (mmol/L) |
| Bilirubin\_total | Total bilirubin (mg/dL) |
| TroponinI | Troponin I (ng/mL) |
| Hct | Hematocrit (%) |
| Hgb | Hemoglobin (g/dL) |
| PTT | partial thromboplastin time (seconds) |
| WBC | Leukocyte count (count\*10^3/µL) |
| Fibrinogen | (mg/dL) |
| Platelets | (count\*10^3/µL) |
| **Demographics (columns 35-40)** | |
| Age | Years (100 for patients 90 or above) |
| Gender | Female (0) or Male (1) |
| Unit1 | Administrative identifier for ICU unit (MICU) |
| Unit2 | Administrative identifier for ICU unit (SICU) |
| HospAdmTime | Hours between hospital admit and ICU admit |
| ICULOS | ICU length-of-stay (hours since ICU admit) |
| **Outcome (column 41)** | |
| SepsisLabel | For sepsis patients, SepsisLabel is 1 if t≥tsepsis−6t≥tsepsis−6 and 0 if t<tsepsis−6t<tsepsis−6. For non-sepsis patients, SepsisLabel is 0. |