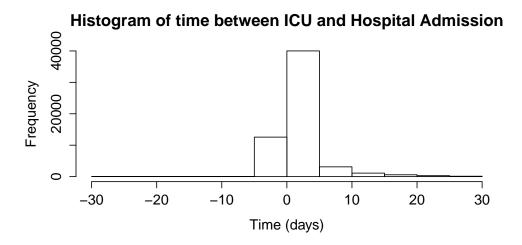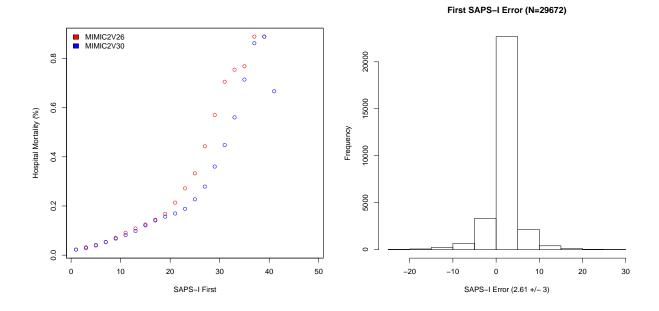# MIMIC2V30 SAPS-I

May 16, 2014

SAPS-I variables were collected using begin and end time of ICU stay days (using ICUSTAY_DAYS tables) for all days longer than 12 hours. The first, maximum, and minimum SAPS-I were calculated from all the SAPS-I values over the duratinon of the ICU stay. The complete list of SAPS-I variables include:
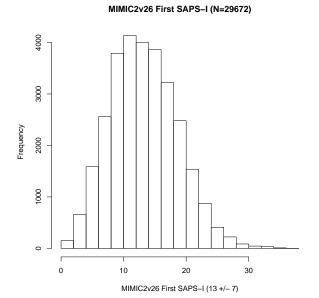
- **Age**

- **Temperature** itemid in (676, 677, 678, 679, 227054, 223762, 223761), range 15 - 45

- **Heart Rate** itemid in (220045, 211), range 10 - 250

- **Systolic BP** itemid in (51, 455, 225309, 2293), range 20 - 300

- **HCT** itemid in (50383,50029), range 5 - 100

- **WBC** itemid in (51326,50468,50316), range 5 - 2,000,000

- **Glucose** itemid in (50112,50936,50006), range 0.5 - 1000

- **HCO3** itemid in (50803,50022,50172,50025), range 2 - 100

- **Potassium** itemid in (50009,50821,50976,50149), range 0.5 - 70

- **Sodium** itemid in (50989,50823,50159,50012), range 50 - 300

- **Creatinine** itemid in (50090,50916), range 0 - 30

- **BUN** itemid in (781,225624,1162,3737,227000,5876,227001), range 1 - 100

- **Glasgow Coma Score** itemid in (227013,198,226755), range 2 - 15

- **Urine Output**
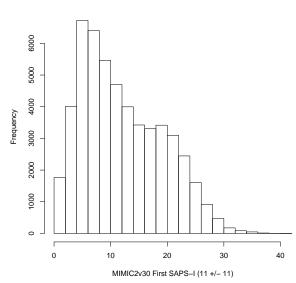
Sum over itemid in (40056, 40057, 40058, 40070, 40086, 40095, 40097, 40406, 40429, 40474, 40535, 40652, 40716, 41923, 42367, 42508, 42511, 42677, 42811, 42860, 43054, 46181)

- **Mechanical Ventilation**

- **Spont. Resp. Rate** itemid in (220210,618,653,3603,219,1635,8113,1884,615), range 2 - 80

Histogram of time between ICU and Hospital Admission

First SAPS–I Error (N=29672)

MIMIC2v26 First SAPS–I (N=29672)

Frequency

MIMIC2v26 First SAPS–I (13 +/– 7)

MIMIC2v30 First SAPS–I (N=52073)

Frequency

MIMIC2v30 First SAPS–I (11 +/– 11)

Max SAPS–I Error (N=29672)

Frequency

SAPS–I Error (2 +/– 3)

Min SAPS–I Error (N=29672)

Frequency

SAPS–I Error (2 +/– 2)

MIMIC2v26 Max SAPS–I (N=29672)

Frequency

MIMIC2v26 Max SAPS–I (15 +/– 8)

MIMIC2v30 Max SAPS–I (N=52073)

Frequency

MIMIC2v30 Max SAPS–I (12 +/– 13)

MIMIC2v26 Min SAPS–I (N=29672)

Frequency

MIMIC2v26 Min SAPS–I (10 +/– 5)

MIMIC2v30 Min SAPS–I (N=52073)

Frequency

MIMIC2v30 Min SAPS–I (8 +/– 7)