

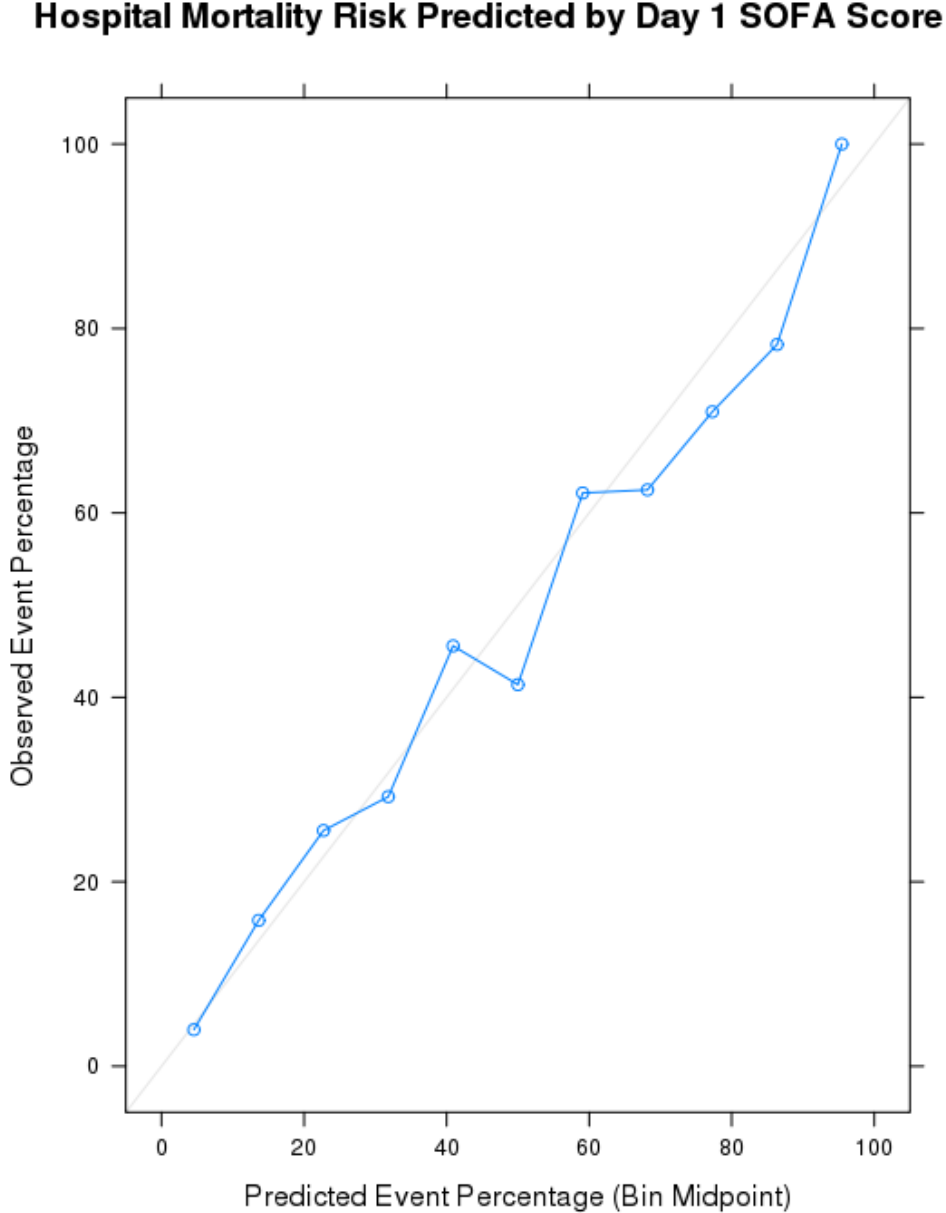
SUPPLEMENTAL MATERIAL

Table S1. Calculating the SOFA score and individual organ sub-scores.

Organ system	Score 0	Score 1	Score 2	Score 3	Score 4
Cardiovascular: Mean arterial pressure (MAP, mmHg) and vasopressors (mcg/kg/min for ≥ 1 hour)	MAP ≥ 70	MAP < 70 without vasopressors	Dopamine ≤ 5 or any dobutamine	Dopamine > 5 , epinephrine ≤ 0.1 or norepinephrine ≤ 0.1	Dopamine > 15 , epinephrine > 0.1 or norepinephrine > 0.1
Central nervous system: Glasgow Coma Scale (GCS)	15	13-14	10-12	6-9	< 6
Coagulation: Platelet count $\times 10^3/\text{mm}^3$	> 150	≤ 150	≤ 100	≤ 50	≤ 20
Liver: Serum bilirubin (mg/dl)	< 1.2	1.2-1.9	2.0-5.9	6.0-11.9	≥ 12
Renal: Serum creatinine (mg/dl) and urine output (UOP, ml/day)	< 1.2	1.2-1.9	2.0-3.4	3.5-4.9 or UOP < 500	≥ 5 or UOP < 200
Respiratory: Arterial PaO ₂ :FiO ₂ (PF) ratio	> 400	≤ 400	≤ 300	≤ 200	≤ 100

Worst values for each of the 6 organ sub-scores are added for a given day to calculate the total SOFA score for that day. Data derived from Vincent JL, et al. *Intensive Care Med.* 1996;22:707-10.

Figure S1. Observed versus predicted hospital mortality based on probabilities produced by a logistically transformed Day 1 SOFA score.



Based on the Hosmer-Lemeshow statistic, calibration of the Day 1 SOFA score was suboptimal ($p < 0.05$) for hospital mortality. SOFA, Sequential Organ Failure Assessment.