**Supplemental Table 2. AUROC for logistic regression models predicting total in-hospital mortality and acute 14-day mortality based on single biomarkers.**

|  |  |  |  |
| --- | --- | --- | --- |
| Biomarker | Time(hours) | AUROC14-Day Mortality | AUROCTotal Mortality |
| A2M | 0 | 0.531 | 0.490 |
| 24 | 0.580 | 0.532 |
| 48 | 0.580 | 0.506 |
| 72 | 0.560 | 0.499 |
| CRP | 0 | 0.502 | 0.562 |
| 24 | 0.607 | 0.583 |
| 48 | 0.469 | 0.558 |
| 72 | 0.538 | 0.526 |
| FER | 0 | 0.590 | 0.588 |
| 24 | 0.559 | 0.587 |
| 48 | 0.589 | 0.611 |
| 72 | 0.646 | 0.645 |
| FIB | 0 | 0.612 | 0.612 |
| 24 | 0.567 | 0.577 |
| 48 | 0.438 | 0.560 |
| 72 | 0.610 | 0.607 |
| HAP | 0 | 0.563 | 0.540 |
| 24 | 0.580 | 0.554 |
| 48 | 0.619 | 0.565 |
| 72 | 0.591 | 0.538 |
| PCT | 0 | 0.575 | 0.566 |
| 24 | 0.507 | 0.500 |
| 48 | 0.579 | 0.543 |
| 72 | 0.622 | 0.583 |
| SAA | 0 | 0.482 | 0.490 |
| 24 | 0.542 | 0.460 |
| 48 | 0.624 | 0.570 |
| 72 | 0.580 | 0.528 |
| SAP | 0 | 0.657 | 0.608 |
| 24 | 0.670 | 0.646 |
| 48 | 0.704 | 0.696 |
| 72 | 0.678 | 0.688 |
| TPA | 0 | 0.651 | 0.680 |
| 24 | 0.623 | 0.624 |
| 48 | 0.661 | 0.661 |
| 72 | 0.726 | 0.673 |

The table displays the AUROC of logistic regression models for acute 14-day and total in-hospital mortality based on each biomarker at the time of meeting SIRS criteria, 24-hours, 48-hours, and 72-hours thereafter. The five best performing biomarkers for total in-hospital mortality are highlighted in grey.