Supplemental Table 2 : Area under the Receiver-operating Characteristic Curve,Sensitivity,Specificity and optimal cut for static haemodynamic variable predicting hypotensive events. Data are presented as point estimates (95% CI)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Time to event** | **AUC** | **Sensitivity (%)** | **Specificity (%)** | **PPV** | **NPV** | **Cutoff** |
| MAP | 0 min | 0.999 [0.999-0.999] | 0.997 [0.997-0.997] | 0.997 [0.997-0.997] | 0.998 [0.998-0.998] | 0.995 [0.995-0.995] | 64.49 mmHg |
| 5 min | 0.807 [0.807-0.808] | 0.738 [0.737-0.738] | 0.738 [0.737-0.738] | 0.635 [0.634-0.636] | 0.818 [0.817-0.819] | 75.40 mmHg |
| 10 min | 0.754 [0.753-0.755] | 0.684 [0.683-0.684] | 0.684 [0.683-0.684] | 0.463 [0.461-0.464] | 0.844 [0.843-0.844] | 76.82 mmHg |
| 15 min | 0.722 [0.721-0.723] | 0.658 [0.658-0.659] | 0.658 [0.658-0.659] | 0.366 [0.364-0.367] | 0.865 [0.864-0.866] | 77.50 mmHg |
| CO | 0 min | 0.557 [0.556-0.558] | 0.534 [0.532-0.535] | 0.534 [0.532-0.535] | 0.627 [0.626-0.629] | 0.438 [0.435-0.440] | 4.74 L.min-1 |
| 5 min | 0.527 [0.526-0.528] | 0.519 [0.518-0.519] | 0.519 [0.518-0.519] | 0.401 [0.399-0.402] | 0.634 [0.633-0.636] | 4.84 L.min-1 |
| 10 min | 0.527 [0.526-0.528] | 0.519 [0.518-0.520] | 0.519 [0.518-0.520] | 0.302 [0.301-0.304] | 0.729 [0.727-0.730] | 4.86 L.min-1 |
| 15 min | 0.529 [0.528-0.530] | 0.522 [0.521-0.523] | 0.522 [0.521-0.523] | 0.246 [0.245-0.248] | 0.785 [0.784-0.786] | 4.82 L.min-1 |
| SV | 0 min | 0.557 [0.555-0.558] | 0.529 [0.527-0.530] | 0.529 [0.527-0.530] | 0.622 [0.620-0.623] | 0.433 [0.431-0.435] | 67.66 mL |
| 5 min | 0.538 [0.536-0.539] | 0.522 [0.521-0.523] | 0.522 [0.521-0.523] | 0.406 [0.404-0.407] | 0.635 [0.633-0.636] | 68.48 mL |
| 10 min | 0.531 [0.530-0.532] | 0.521 [0.521-0.522] | 0.521 [0.521-0.522] | 0.303 [0.302-0.305] | 0.731 [0.730-0.733] | 68.77 mL |
| 15 min | 0.533 [0.532-0.534] | 0.521 [0.520-0.522] | 0.521 [0.520-0.522] | 0.247 [0.245-0.248] | 0.783 [0.782-0.784] | 68.69 mL |
| PP | 0 min | 0.790 [0.789-0.791] | 0.712 [0.711-0.713] | 0.712 [0.711-0.713] | 0.783 [0.782-0.784] | 0.626 [0.624-0.628] | 52.30 mmHg |
| 5 min | 0.647 [0.646-0.648] | 0.597 [0.596-0.598] | 0.597 [0.596-0.598] | 0.479 [0.477-0.481] | 0.704 [0.702-0.706] | 57.81 mmHg |
| 10 min | 0.622 [0.621-0.623] | 0.588 [0.587-0.589] | 0.588 [0.587-0.589] | 0.363 [0.362-0.365] | 0.780 [0.779-0.782] | 58.20 mmHg |
| 15 min | 0.612 [0.610-0.613] | 0.582 [0.581-0.583] | 0.582 [0.581-0.583] | 0.294 [0.293-0.296] | 0.822 [0.821-0.823] | 58.43 mmHg |
| HR | 0 min | 0.534 [0.533-0.535] | 0.522 [0.521-0.523] | 0.522 [0.521-0.523] | 0.616 [0.614-0.618] | 0.426 [0.424-0.428] | 70.18 bpm |
| 5 min | 0.530 [0.529-0.531] | 0.524 [0.523-0.525] | 0.524 [0.523-0.525] | 0.407 [0.405-0.408] | 0.639 [0.637-0.641] | 71.21 bpm |
| 10 min | 0.529 [0.528-0.530] | 0.521 [0.520-0.522] | 0.521 [0.520-0.522] | 0.303 [0.302-0.305] | 0.731 [0.730-0.732] | 70.70 bpm |
| 15 min | 0.531 [0.530-0.532] | 0.522 [0.521-0.523] | 0.522 [0.521-0.523] | 0.247 [0.246-0.248] | 0.784 [0.783-0.785] | 70.70 bpm |
| SVV | 0 min | 0.577 [0.576-0.579] | 0.545 [0.544-0.546] | 0.545 [0.544-0.546] | 0.637 [0.635-0.639] | 0.449 [0.447-0.450] | 11.77% |
| 5 min | 0.526 [0.525-0.527] | 0.524 [0.523-0.525] | 0.524 [0.523-0.525] | 0.406 [0.405-0.408] | 0.638 [0.636-0.640] | 10.87% |
| 10 min | 0.529 [0.528-0.530] | 0.529 [0.528-0.530] | 0.529 [0.528-0.530] | 0.310 [0.308-0.311] | 0.736 [0.735-0.738] | 10.77% |
| 15 min | 0.543 [0.542-0.545] | 0.538 [0.537-0.539] | 0.538 [0.537-0.539] | 0.260 [0.258-0.261] | 0.794 [0.793-0.795] | 10.68% |
| PPV | 0 min | 0.598 [0.597-0.599] | 0.556 [0.555-0.557] | 0.556 [0.555-0.557] | 0.647 [0.646-0.649] | 0.460 [0.458-0.462] | 11.66% |
| 5 min | 0.539 [0.538-0.540] | 0.516 [0.515-0.517] | 0.516 [0.515-0.517] | 0.399 [0.397-0.400] | 0.632 [0.630-0.634] | 10.7% |
| 10 min | 0.526 [0.525-0.527] | 0.513 [0.512-0.513] | 0.513 [0.512-0.513] | 0.297 [0.296-0.298] | 0.724 [0.722-0.725] | 10.55% |
| 15 min | 0.524 [0.524-0.525] | 0.514 [0.513-0.515] | 0.514 [0.513-0.515] | 0.241 [0.240-0.242] | 0.779 [0.778-0.780] | 10.57% |
| Eadyn | 0 min | 0.567 [0.566-0.569] | 0.543 [0.542-0.544] | 0.543 [0.542-0.544] | 0.635 [0.633-0.636] | 0.448 [0.446-0.451] | 1.01 |
| 5 min | 0.591 [0.590-0.593] | 0.565 [0.564-0.566] | 0.565 [0.564-0.566] | 0.447 [0.446-0.449] | 0.676 [0.674-0.678] | 1.03 |
| 10 min | 0.575 [0.574-0.577] | 0.554 [0.553-0.555] | 0.554 [0.553-0.555] | 0.332 [0.330-0.333] | 0.756 [0.754-0.757] | 1.02 |
| 15 min | 0.591 [0.590-0.593] | 0.565 [0.564-0.566] | 0.565 [0.564-0.566] | 0.281 [0.280-0.283] | 0.811 [0.810-0.812] | 1.03 |
| dP/dT | 0 min | 0.734 [0.733-0.736] | 0.666 [0.665-0.667] | 0.666 [0.665-0.667] | 0.745 [0.743-0.746] | 0.575 [0.573-0.578] | 718.67 mmHg.s-1 |
| 5 min | 0.624 [0.623-0.626] | 0.585 [0.584-0.586] | 0.585 [0.584-0.586] | 0.467 [0.465-0.468] | 0.694 [0.692-0.696] | 782.80 mmHg.s-1 |
| 10 min | 0.610 [0.608-0.611] | 0.580 [0.578-0.581] | 0.580 [0.578-0.581] | 0.355 [0.354-0.357] | 0.774 [0.772-0.775] | 786.62 mmHg.s-1 |
| 15 min | 0.595 [0.594-0.596] | 0.561 [0.560-0.562] | 0.561 [0.560-0.562] | 0.277 [0.276-0.278] | 0.809 [0.807-0.810] | 800.10 mmHg.s-1 |
| SVR | 0 min | 0.723 [0.722-0.724] | 0.669 [0.668-0.670] | 0.669 [0.668-0.670] | 0.747 [0.746-0.749] | 0.579 [0.577-0.581] | 1104.34 dyn.s/cm5 |
| 5 min | 0.619 [0.618-0.620] | 0.590 [0.589-0.591] | 0.590 [0.589-0.591] | 0.470 [0.468-0.472] | 0.700 [0.699-0.702] | 1188.06 dyn.s/cm5 |
| 10 min | 0.596 [0.595-0.597] | 0.570 [0.569-0.571] | 0.570 [0.569-0.571] | 0.347 [0.346-0.349] | 0.768 [0.767-0.769] | 1207.64 dyn.s/cm5 |
| 15 min | 0.580 [0.579-0.581] | 0.554 [0.553-0.556] | 0.554 [0.553-0.556] | 0.272 [0.271-0.274] | 0.805 [0.804-0.807] | 1223.22 dyn.s/cm5 |
| Shock Index | 0 min | 0.774 [0.773-0.775] | 0.705 [0.704-0.706] | 0.705 [0.704-0.706] | 0.777 [0.776-0.778] | 0.618 [0.616-0.620] | 0.65 |
| 5 min | 0.650 [0.649-0.651] | 0.612 [0.611-0.613] | 0.612 [0.611-0.613] | 0.495 [0.493-0.496] | 0.717 [0.716-0.719] | 0.61 |
| 10 min | 0.616 [0.615-0.618] | 0.582 [0.580-0.583] | 0.582 [0.580-0.583] | 0.357 [0.355-0.359] | 0.776 [0.775-0.777] | 0.60 |
| 15 min | 0.608 [0.606-0.609] | 0.584 [0.583-0.585] | 0.584 [0.583-0.585] | 0.298 [0.296-0.299] | 0.823 [0.822-0.824] | 0.60 |
| Modified Shock Index  | 0 min | 0.807 [0.806-0.807] | 0.740 [0.739-0.741] | 0.740 [0.739-0.741] | 0.807 [0.805-0.808] | 0.659 [0.657-0.661] | 1.00 |
| 5 min | 0.667 [0.666-0.668] | 0.624 [0.623-0.625] | 0.624 [0.623-0.625] | 0.507 [0.506-0.509] | 0.727 [0.725-0.728] | 0.91 |
| 10 min | 0.630 [0.629-0.631] | 0.594 [0.593-0.595] | 0.594 [0.593-0.595] | 0.368 [0.367-0.370] | 0.786 [0.784-0.787] | 0.89 |
| 15 min | 0.617 [0.615-0.618] | 0.591 [0.589-0.592] | 0.591 [0.590-0.592] | 0.303 [0.301-0.304] | 0.827 [0.826-0.828] | 0.89 |