**Supplemental Digital Content 14** - Comparative performance (c-statistics) of best-performing prediction model (random forest) on test set *excluding* inotrope and vasopressor infusion rate escalation outcomes *and excluding* new inotrope and infusion outcomes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prediction Model** | **AUC (95% CI)** | **Positive Predictive Value**  **(95% CI)** | **F1 Score**  **(95% CI)** | **Sensitivity**  **(95% CI)** | **Specificity**  **(95% CI)** |
| (Primary Model) | 0.709  (0.705-0.712) | 0.339  (0.331-0.346) | 0.434  (0.430-0.438) | 0.631  (0.614-0.647) | 0.698  (0.682-0.714) |
| Model *excluding all* inotrope and vasopressor outcomes | 0.706  (0.702-0.711) | 0.315  (0.305-0.324) | 0.385  (0.380-0.390) | 0.537  (0.518-0.557) | 0.77  (0.753-0.787) |