**Supplemental Digital Content 13** - Comparative performance (c-statistics) of best-performing prediction models (random forest) on test set *excluding* inotrope and vasopressor infusion rate escalation 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* inotrope and vasopressor infusion dose rate escalation outcomes | 0.716  (0.712-0.719) | 0.363  (0.352-0.374) | 0.429  (0.425-0.433) | 0.570  (0.551-0.589) | 0.760  (0.742-0.777) |