**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

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| **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) |