



**Supplemental Figure 2.** Composite calibration curve for LASSO model's predictive accuracy for hypoxemia. The tick marks in the upper portion of the plot represent the frequency of the predicted probabilities. The curves shown are the "Apparent" curve which represents the comparison of the predicted probability by the model and the fraction of actual positives. The "Bias-Corrected" curve adjusts for overoptimism using 1000 bootstrapped resamples to obtain estimates of the calibration curve across predicted values. The mean absolute error for the model was 0.023 with a Brier score of 0.168.