

### 5.4.5a Attach Calibration and Discrimination Testing Results

#### CBE ID 3565, Standardized Emergency Department Encounter Ratio (SEDR) for Dialysis Facilities

The c-statistic for a recurrent event model measures the concordance between the observed rate of recurrent events and the model-based rate. The C-statistic for SEDR is 0.61.

Model calibration was assessed using a risk-decile calibration plot, which compares the mean predicted and mean observed emergency department encounter rates within deciles of predicted risk. Calibration plots display the agreement between predicted and observed rates across risk strata, with closer alignment indicating better calibration.

According to the risk-decile plot below, the observed emergency department encounter rates increased monotonically across predicted risk deciles, suggesting that the model provides meaningful separation of patient risk groups. The very close alignment between the predicted and observed emergency department encounter rates indicates that the model is well-calibrated across risk strata.

