

CBE 0369: Standardized Mortality Ratio for Dialysis Facilities

5.4.5a Attach Calibration and Discrimination Testing Results

To assess model performance, we evaluated discrimination using the C-statistics. The C-statistics quantifies the model's ability to discriminate between outcomes based on the included risk factors. Specifically, the SMR model is a time-to-event model, for which the C-statistics measures the concordance between the observed mortality rates and the model-based predicted rates.

The C-statistic for SMR is 0.68, which indicates moderate model discrimination, reflecting the model's ability to distinguish high-risk from low-risk subjects.