**Table 2: C-statistics with 95% confident internal (CI) from logistic regression models in predicting in-hospital outcomes.**

|  |  |
| --- | --- |
| Models\* | Different adverse Outcomes |
| **Death** | **Bleeding** | **MACCE** |
| **C-statistic** | **95% CI** | **C-statistic** | **95% CI** | **C-statistic** | **95% CI** |
| Model 1: Patient’s demographics. | 0.6915 | (0.6896, 0.6932) | 0.5840 | (0.5820, 0.5861) | 0.6497 | (0.6481, 0.6513) |
| Model 2: Model 1 + clinical risk factors. | 0.7518 | (0.7502, 0.7534) | 0.6189 | (0.6169, 0.6209) | 0.7053 | (0.7038, 0.7067) |
| Model 3: Model 2 + interventions. | 0.8179 | (0.8165, 0.8192) | 0.6390 | (0.6370, 0.6410) | 0.7503 | (0.7489, 0.7517) |
| Model 4: Model 3 + categorical CCI. | 0.8216 | (0.8202, 0.8229) | 0.6469 | (0.6448, 0.6488) | 0.7551 | (0.7537, 0.7565) |
| Model 5: Model 3 + continuous CCI. | 0.8217 | (0.8204, 0.8230) | 0.6474 | (0.6454, 0.6493) | 0.7554 | (0.7539, 0.7568) |
| Model 6: Model 3 + categorical ECS. | 0.8368 | (0.8355, 0.8380) | 0.6684 | (0.6664, 0.6703) | 0.7748 | (0.7734, 0.7761) |
| Model 7: Model 3 + continuous ECS. | 0.8373 | (0.8360, 0.8385) | 0.6593 | (0.6573, 0.6612) | 0.7755 | (0.7741, 0.7769) |

ECS: Elixhauser comorbidity score; CCI: Charlson comorbidity index; MACCE: major acute cardiovascular and cerebrovascular events: composite of death, cardiac complications, stroke, and vascular complications.

\*95% CIs that crossed each other indicated there was not a statistically significant difference between the discrimination of the models being compared.