**Appendix Table 1. Area under the receiver operating characteristic curve (AUC) for each study year.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Year | | | | | | |
| Disease Cohort | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| Surgery/Gynecology | 0.693 | 0.693 | 0.699 | 0.698 | 0.701 | 0.701 | 0.705 |
| Medicine | 0.654 | 0.654 | 0.657 | 0.657 | 0.655 | 0.654 | 0.653 |
| Cardiovascular | 0.670 | 0.671 | 0.675 | 0.673 | 0.669 | 0.668 | 0.666 |
| Cardiorespiratory | 0.649 | 0.649 | 0.651 | 0.650 | 0.647 | 0.648 | 0.647 |
| Neurology | 0.628 | 0.630 | 0.634 | 0.635 | 0.635 | 0.632 | 0.635 |

Appendix Table 2. Percentage of hospitalizations in the lowest 20%, middle 60%, and highest 20% of predicted risk for each cohort, by calendar year.

