Supplemental Table 4. Distribution of model performance metrics stratified by ICU and discharge year

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ICU mortality** | **Mean** | **Median** | **Standard deviation** | **P25** | **P75** | **Interquartile Range** | **Minimum** | **Maximum** |
| AUROC\_APACHEIVa | 0.875 | 0.878 | 0.050 | 0.847 | 0.906 | 0.059 | 0.644 | 0.990 |
| AUROC\_APACHEIVb | 0.877 | 0.881 | 0.049 | 0.852 | 0.909 | 0.057 | 0.656 | 0.984 |
| AUROC\_CCOPM | 0.923 | 0.927 | 0.039 | 0.903 | 0.949 | 0.046 | 0.703 | 0.997 |
| A:PRatio\_APACHEIVa | 0.773 | 0.727 | 0.352 | 0.549 | 0.938 | 0.389 | 0.000 | 2.574 |
| A:PRatio\_APACHEIVb | 0.895 | 0.841 | 0.393 | 0.632 | 1.084 | 0.452 | 0.000 | 2.848 |
| A:Pratio\_CCOPM | 1.005 | 0.990 | 0.374 | 0.765 | 1.205 | 0.440 | 0.000 | 2.481 |
| **Hospital mortality** | **Mean** | **Median** | **Standard deviation** | **P25** | **P75** | **Interquartile Range** | **Minimum** | **Maximum** |
| AUROC\_APACHEIVa | 0.856 | 0.857 | 0.046 | 0.831 | 0.889 | 0.058 | 0.637 | 0.961 |
| AUROC\_APACHEIVb | 0.856 | 0.858 | 0.046 | 0.831 | 0.887 | 0.056 | 0.649 | 0.969 |
| AUROC\_CCOPM | 0.902 | 0.904 | 0.036 | 0.879 | 0.926 | 0.047 | 0.757 | 0.990 |
| A:PRatio\_APACHEIVa | 0.736 | 0.724 | 0.246 | 0.576 | 0.879 | 0.303 | 0.101 | 2.058 |
| A:PRatio\_APACHEIVb | 0.948 | 0.940 | 0.300 | 0.757 | 1.126 | 0.369 | 0.146 | 2.577 |
| A:Pratio\_CCOPM | 1.000 | 0.998 | 0.277 | 0.809 | 1.185 | 0.376 | 0.142 | 1.862 |