|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplemental Table 2. Sensitivity, specificity, accuracy, false positive rate and false negative rate by HbA1c in the discrimination of diabetes vs. non-diabetes (n=5,283)\* | | | | | | | | | | | |
|  | Non-Hispanic blacks | | | | | Non-Hispanic whites | | | | | |
| HbA1c | Sensitivity | Specificity | Accuracy | FPR | FNR | | Sensitivity | Specificity | Accuracy | FPR | FNR |
| 5.0% | 100.0% | 11.6% | 15.4% | 88.4% | 0.0% | | 97.6% | 15.6% | 19.5% | 84.4% | 2.4% |
| 5.1% | 98.6% | 15.2% | 18.7% | 84.8% | 1.4% | | 94.4% | 24.1% | 27.5% | 75.9% | 5.6% |
| 5.2% | 97.7% | 19.9% | 23.2% | 80.1% | 2.3% | | 90.9% | 33.2% | 35.9% | 66.8% | 9.1% |
| 5.3% | 97.7% | 27.9% | 30.8% | 72.1% | 2.3% | | 88.8% | 45.3% | 47.3% | 54.7% | 11.2% |
| 5.4% | 96.1% | 37.0% | 39.5% | 63.0% | 3.9% | | 85.7% | 57.9% | 59.2% | 42.1% | 14.3% |
| 5.5% | 94.7% | 45.6% | 47.7% | 54.4% | 5.3% | | 81.7% | 68.1% | 68.8% | 31.9% | 18.3% |
| 5.6% | 91.2% | 55.3% | 56.8% | 44.7% | 8.8% | | 75.6% | 77.3% | 77.3% | 22.7% | 24.4% |
| 5.7%‡ | 90.5% | 65.6% | 66.7% | 34.4% | 9.5% | | 70.7% | 85.0% | 84.3% | 15.0% | 29.3% |
| 5.8% | 88.8% | 74.5% | 75.1% | 25.5% | 11.2% | | 58.9% | 90.6% | 89.1% | 9.4% | 41.1% |
| 5.9% | 81.6% | 81.7% | 81.7% | 18.3% | 18.4% | | 55.3% | 94.1% | 92.3% | 5.9% | 44.7% |
| 6.0%† | 76.9% | 86.7% | 86.3% | 13.3% | 23.1% | | 50.8% | 96.9% | 94.7% | 3.1% | 49.2% |
| 6.1% | 68.3% | 91.8% | 90.8% | 8.2% | 31.7% | | 43.4% | 98.1% | 95.5% | 1.9% | 56.6% |
| 6.2% | 63.3% | 95.0% | 93.6% | 5.0% | 36.7% | | 38.5% | 99.0% | 96.2% | 1.0% | 61.5% |
| 6.3% | 55.5% | 96.5% | 94.8% | 3.5% | 44.5% | | 36.4% | 99.6% | 96.6% | 0.4% | 63.6% |
| 6.4% | 47.4% | 97.9% | 95.8% | 2.1% | 52.6% | | 28.7% | 99.8% | 96.4% | 0.2% | 71.3% |
| 6.5% | 42.7% | 98.9% | 96.5% | 1.1% | 57.3% | | 25.4% | 99.9% | 96.3% | 0.1% | 74.6% |
| 6.6% | 35.8% | 99.3% | 96.6% | 0.7% | 64.2% | | 18.0% | 99.9% | 96.1% | 0.1% | 82.0% |
| 6.7% | 30.2% | 99.7% | 96.7% | 0.3% | 69.8% | | 15.9% | 100.0% | 96.0% | 0.0% | 84.1% |
| 6.8% | 26.8% | 99.9% | 96.8% | 0.1% | 73.2% | | 13.6% | 100.0% | 95.9% | 0.0% | 86.4% |
| 6.9% | 24.1% | 100.0% | 96.8% | 0.0% | 75.9% | | 13.1% | 100.0% | 95.9% | 0.0% | 86.9% |
| 7.0% | 21.4% | 100.0% | 96.7% | 0.0% | 78.6% | | 12.4% | 100.0% | 95.9% | 0.0% | 87.6% |
| Abbreviations: FPR, false positive rate; FNR, false negative rate, HbA1c, hemoglobin A1c; | | | | | | | | | | | |
| \* The prevalence of diabetes (defined by ADA criteria for glucose levels) was 5.3% in non-Hispanic blacks and 4.8% in non-Hispanic whites | | | | | | | | | | | |
| † Youden’s Index, non-Hispanic blacks | | | | | | | | | | | |
| ‡ Youden’s Index, non-Hispanic whites | | | | | | | | | | | |
| § Greatest accuracy by race and Hispanic origin | | | | | | | | | | | |