|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplemental Table 3. Sensitivity, specificity, accuracy, false positive rate and false negative rate by HbA1c in the discrimination of diabetes vs. prediabetes (n=2,428)\*† | | | | | | | | | | | |
|  | Non-Hispanic blacks | | | | | Non-Hispanic whites | | | | | |
| HbA1c | Sensitivity | Specificity | Accuracy | FPR | FNR | | Sensitivity | Specificity | Accuracy | FPR | FNR |
| 5.0% | 100.0% | 6.5% | 16.6% | 93.5% | 0.0% | | 97.5% | 9.3% | 18.5% | 90.7% | 2.5% |
| 5.1% | 98.6% | 8.4% | 18.1% | 91.6% | 1.4% | | 94.4% | 14.8% | 23.1% | 85.2% | 5.6% |
| 5.2% | 97.7% | 13.0% | 22.2% | 87.0% | 2.3% | | 91.4% | 20.7% | 28.0% | 79.3% | 8.6% |
| 5.3% | 97.7% | 17.1% | 25.8% | 82.9% | 2.3% | | 89.3% | 30.7% | 36.8% | 69.3% | 10.7% |
| 5.4% | 96.1% | 22.4% | 30.4% | 77.6% | 3.9% | | 86.1% | 42.7% | 47.3% | 57.3% | 13.9% |
| 5.5% | 94.7% | 29.9% | 36.9% | 70.1% | 5.3% | | 82.1% | 52.8% | 55.8% | 47.2% | 17.9% |
| 5.6% | 91.2% | 39.5% | 45.1% | 60.5% | 8.8% | | 75.9% | 63.5% | 64.8% | 36.5% | 24.1% |
| 5.7%§ | 90.5% | 48.4% | 53.0% | 51.6% | 9.5% | | 70.9% | 74.5% | 74.1% | 25.5% | 29.1% |
| 5.8% | 88.8% | 59.8% | 63.0% | 40.2% | 11.2% | | 58.9% | 82.8% | 80.3% | 17.2% | 41.1% |
| 5.9% | 81.6% | 67.1% | 68.7% | 32.9% | 18.4% | | 55.3% | 89.0% | 85.5% | 11.0% | 44.7% |
| 6.0% | 76.9% | 74.6% | 74.8% | 25.4% | 23.1% | | 50.7% | 93.6% | 89.1% | 6.4% | 49.3% |
| 6.1% | 68.3% | 82.4% | 80.9% | 17.6% | 31.7% | | 43.2% | 95.8% | 90.4% | 4.2% | 56.8% |
| 6.2%‡ | 63.3% | 88.5% | 85.7% | 11.5% | 36.7% | | 38.3% | 97.8% | 91.6% | 2.2% | 61.7% |
| 6.3% | 55.5% | 91.7% | 87.8% | 8.3% | 44.5% | | 36.1% | 99.0% | 92.5% | 1.0% | 63.9% |
| 6.4% | 47.4% | 94.6% | 89.5% | 5.4% | 52.6% | | 28.3% | 99.4% | 92.0% | 0.6% | 71.7% |
| 6.5% | 42.7% | 97.3% | 91.4% | 2.7% | 57.3% | | 24.9% | 99.6% | 91.8% | 0.4% | 75.1% |
| 6.6% | 35.8% | 98.5% | 91.7% | 1.5% | 64.2% | | 18.3% | 99.8% | 91.3% | 0.2% | 81.7% |
| 6.7% | 30.2% | 99.1% | 91.7% | 0.9% | 69.8% | | 16.2% | 99.9% | 91.2% | 0.1% | 83.8% |
| 6.8% | 26.8% | 99.6% | 91.7% | 0.4% | 73.2% | | 13.8% | 100.0% | 91.0% | 0.0% | 86.2% |
| 6.9% | 24.1% | 100.0% | 91.8% | 0.0% | 75.9% | | 13.3% | 100.0% | 90.9% | 0.0% | 86.7% |
| 7.0% | 21.4% | 100.0% | 91.5% | 0.0% | 0.0% | | 12.6% | 100.0% | 90.9% | 0.0% | 87.4% |
| Abbreviations: FPR, false positive rate; FNR, false negative rate, HbA1c, hemoglobin A1c; | | | | | | | | | | | |
| \* Excludes those with normoglycemia | | | | | | | | | | | |
| † The prevalence of diabetes in those without normoglycemia was 10.6% in Non-Hispanic blacks and 10.4% in Non-Hispanic whites | | | | | | | | | | | |
| ‡ Youden’s Index, non-Hispanic blacks | | | | | | | | | | | |
| § Youden’s Index, non-Hispanic whites | | | | | | | | | | | |
| || Greatest accuracy by race and Hispanic origin | | | | | | | | | | | |