Additional material for “Evaluating the Association of Social Needs Assessment Data with Cardiometabolic Health Status in a Federally Qualified Community Health Center Patient Population: A Cross-Sectional Study”

**Table 1. Comparison across LASSO logistic regressions for obesity**

|  |  |
| --- | --- |
|  | **Obese** |
|  | **Cross Valid.** | **minAIC** | **minBIC** | **Adaptive** |
| Age | 1.00 | 1.00 |  | 1.01 |
| Female | 1.85 | 1.85 | 1.51 | 2.13 |
| Race (base = White/Caucasian) |  |  |  |  |
| Black/African American | 1.01 | 1.01 |  |  |
| Asian | 0.46 | 0.46 |  | 0.25 |
| No housing  | 0.88 | 0.88 |  | 0.81 |
| Lacks transportation  | 0.89 | 0.89 |  | 0.80 |
| High stress  | 0.79 | 0.79 |  | 0.67 |
| Constant | 0.76 | 0.76 | 0.87 | 0.63 |
| ***C-statistic*** | 0.5849 (0.5274 – 0.6424) | 0.5849 (0.5274 – 0.6424) | 0.5487 (0.5000 – 0.5975) | 0.5861 (0.5287 – 0.6434) |
| ***Χ2 test for C-statistic equality*** | p-value = 0.1623 |

**Table 2. Comparison across LASSO logistic regressions for stage-2 hypertension**

|  |  |
| --- | --- |
|  | **High BP, Stage 2** |
|  | **Cross Valid.** | **minAIC** | **minBIC** | **Adaptive** |
| Age | 1.03 | 1.03 | 1.02 | 1.04 |
| Female | 0.80 | 0.80 | 0.92 |  |
| Race (base = White/Caucasian) |  |  |  |  |
| Black/African American | 1.74 | 1.74 | 1.59 | 2.03 |
| Multiracial | 0.91 | 0.91 |  |  |
| Native Hawaiian/other Pacific Island | 1.91 | 1.91 |  |  |
| Hispanic/Latino | 0.93 | 0.93 | 0.97 |  |
| Military discharge  | 0.56 | 0.56 |  | 0.49 |
| No housing  | 1.09 | 1.09 |  |  |
| Work situation (base = Full-time)  |  |  |  |  |
| Unemployed, seeking work | 1.33 | 1.33 | 1.19 | 1.40 |
| Unemployed, not seeking work |  |  |  |  |
| Uninsured | 1.19 | 1.19 |  | 1.30 |
| Low social interaction  | 1.06 | 1.06 |  |  |
| Other self-reported need  |  |  |  |  |
| Access to medicine or health care | 1.26 | 1.26 | 1.16 | 1.30 |
| Phone | 2.19 | 2.19 | 1.73 | 2.54 |
| Constant | 0.04 | 0.04 | 0.07 | 0.03 |
| ***C-statistic*** | 0.6842(0.6280 – 0.7404) | 0.6842(0.6280 – 0.7404) | 0.6878(0.6315 – 0.7441) | 0.6893(0.6330 – 0.7457) |
| ***Χ2 test for C-statistic equality*** | p-value = 0.0200 |

**Table 3. Comparison across LASSO logistic regressions for ASCVD risk**

|  |  |
| --- | --- |
|  | **ASCVD, Borderline** |
|  | **Cross Valid.** | **minAIC** | **minBIC** | **Adaptive** |
| Age | 1.23 | 1.25 | 1.19 | 1.27 |
| Female | 0.15 | 0.13 | 0.25 | 0.10 |
| Race (base = White/Caucasian) |  |  |  |  |
| Black/African American | 4.33 | 4.64 | 3.33 | 5.20 |
| Asian | 0.72 | 0.60 |  | 0.49 |
| American Indian/Alaskan Native | 46.99 | 100.3 | 2.18 | 2371.01 |
| Other | 0.63 | 0.60 | 0.75 | 0.55 |
| Hispanic/Latino | 0.71 | 0.71 | 0.72 | 0.68 |
| Military discharge  |  | 1.44 |  |  |
| No housing  | 1.14 | 1.19 |  | 1.27 |
| Work situation (base = Full-time)  |  |  |  |  |
| Unemployed, seeking work | 1.14 | 1.24 |  | 1.40 |
| Unemployed, not seeking work | 1.42 | 1.56 | 1.07 | 1.80 |
| Low social interaction  | 1.13 | 1.21 |  | 1.32 |
| High stress  | 0.71 | 0.63 |  | 0.54 |
| Feels unsafe at residence  | 0.92 | 0.86 |  | 0.80 |
| Other self-reported need  |  |  |  |  |
| Food | 1.47 | 1.54 | 1.24 | 1.63 |
| Access to medicine or health care | 1.19 | 1.27 |  | 1.37 |
| Child care | 2.52 | 3.70 |  | 17.39 |
| Phone | 2.37 | 2.70 | 1.40 | 3.54 |
| Other |  | 1.12 |  |  |
| Constant | 0.00 | 0.00 | 0.00 | 0.00 |
| ***C-statistic*** | 0.9495(0.9262 – 0.9729) | 0.9489(0.9254 – 0.9725) | 0.9490(0.9251 – 0.9730) | 0.9475(0.9236 – 0.9715) |
| ***Χ2 test for C-statistic equality*** | p-value = 0.4135 |