|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 1: Significant Baseline Characteristics of the Total Study Population Based on Univariate Logistic Regression Models** | | | | |
| **Total Study Population (n=472)** | | | | |
|  | **Non-Adherent** | **Adherent** | **Total** | **P-Value** |
|  | **(N=91)** | **(N=381)** | **(N=472)** |
| ***Socio-Demographics*** |  |  |  |  |
| **Age** |  |  |  | 0.27 |
| Mean (SD) | 58.9 (11.0) | 57.4 (11.1) | 58.2 (10.9) |  |
| Median [Min, Max] | 54.0 [46.0, 94.0] | 57.0 [39.0, 86.0] | 55.3 [39.0, 94.0] |  |
| **Race/Ethnicity** |  |  |  | 0.02\* |
| NHW | 20 (22.0%) | 98 (25.7%) | 118 (25%) |  |
| NHB | 42 (46.2%) | 222 (58.3%) | 264 (55.9%) |  |
| Hispanic | 29 (31.9%) | 60 (15.7%) | 89 (18.9%) |  |
| Missing | 0 (0%) | 1 (0.3%) | 1 (0.2%) |  |
| **Center** |  |  |  | <0.01\* |
| FCCC | 58 (63.7%) | 185 (48.6%) | 243 (51.5%) |  |
| TUH | 33 (36.3%) | 196 (51.4%) | 229 (48.5%) |  |
| **Education** |  |  |  | 0.38 |
| More than high school | 50 (54.9%) | 224 (58.8%) | 274 (58.1%) |  |
| High school | 20 (22.0%) | 92 (24.1%) | 112 (23.7%) |  |
| Less than high school | 21 (23.1%) | 64 (16.8%) | 85 (18.0%) |  |
| Missing | 0 (0%) | 1 (0.3%) | 1 (0.2%) |  |
| **Marital Status** |  |  |  | 0.15 |
| Married | 23 (25.3%) | 125 (32.8%) | 148 (31.4%) |  |
| Not Married | 68 (74.7%) | 253 (66.4%) | 321 (68.0%) |  |
| Missing | 0 (0%) | 3 (0.8%) | 3 (0.6%) |  |
| **Country of Birth** |  |  |  | 0.06 |
| USA | 79 (86.8%) | 354 (92.9%) | 433 (91.7%) |  |
| Foreign | 12 (13.2%) | 27 (7.1%) | 39 (8.3%) |  |
| **Home rental or ownership** |  |  |  | 0.01\* |
| Rent/Other | 54 (59.3%) | 171 (44.9%) | 225 (47.7%) |  |
| Own | 37 (40.7%) | 210 (55.1%) | 247 (52.3%) |  |
| **Insurance Type** |  |  |  | 0.60 |
| Government (Veteran) | 3 (3.3%) | 9 (2.4%) | 12 (2.5%) |  |
| Medicaid | 33 (36.3%) | 119 (31.2%) | 152 (32.2%) |  |
| Medicare | 20 (22.0%) | 101 (26.5%) | 121 (25.6%) |  |
| Not Insured | 9 (9.9%) | 27 (7.1%) | 36 (7.6%) |  |
| Private | 25 (27.5%) | 124 (32.5%) | 149 (31.6%) |  |
| Missing | 1 (1.1%) | 1 (0.3%) | 2 (0.4%) |  |
| ***Economic variables*** |  |  |  |  |
| **Household Income** |  |  |  | .17\* |
| Low (Less than $10,000 to under $20,000) | 39 (42.9%) | 141 (37.0%) | 180 (38.1%) |  |
| Mid ($20,000 to under $75,000) | 35 (38.5%) | 127 (33.3%) | 162 (34.3%) |  |
| High (above $75,000) | 9 (9.9%) | 74 (19.4%) | 83 (17.6%) |  |
| Not sure/Refused | 8 (8.8%) | 39 (10.2%) | 47 (10.0%) |  |
| **How often in the past 12 months would you say**  **you were worried or stressed about having**  **enough money to pay your rent/mortgage**  **(financial insecurity)?** |  |  |  | 0.24 |
| Always/Usually | 24 (26.4%) | 83 (21.8%) | 107 (22.7%) |  |
| Sometimes | 29 (31.9%) | 95 (24.9%) | 124 (26.3%) |  |
| Never/Rarely | 33 (36.3%) | 183 (48.0%) | 216 (45.8%) |  |
| Not sure/Refused | 5 (5.5%) | 20 (5.2%) | 25 (5.3%) |  |
| **How often in the past 12 months would you say**  **you were worried or stressed about having**  **enough money to buy nutritious meals (food**  **insecurity)?** |  |  |  | <0.01\* |
| Always/Usually | 19 (20.9%) | 58 (15.2%) | 77 (16.3%) |  |
| Sometimes | 34 (37.4%) | 85 (22.3%) | 119 (25.2%) |  |
| Never/Rarely | 38 (41.8%) | 236 (61.9%) | 274 (58.1%) |  |
| Missing | 0 (0%) | 2 (0.5%) | 2 (0.4%) |  |
| **Which one of these phrases comes closest to your**  **own feelings about your household’s income these**  **days?** |  |  |  | 0.35 |
| Living comfortably on present income | 26 (28.6%) | 113 (29.7%) | 139 (29.4%) |  |
| Getting by on present income | 36 (39.6%) | 176 (46.2%) | 212 (44.9%) |  |
| Finding it difficult/very difficult on present  income | 29 (31.9%) | 86 (22.6%) | 115 (24.4%) |  |
| Missing | 0 (0%) | 6 (1.6%) | 6 (1.3%) |  |
| ***Healthcare Access*** |  |  |  |  |
| **In the past 12 months was there a time when you**  **needed to see a doctor but could not because of the**  **cost?** |  |  |  | 0.09 |
| No | 73 (80.2%) | 331 (86.9%) | 404 (85.6%) |  |
| Yes | 18 (19.8%) | 49 (12.9%) | 67 (14.2%) |  |
| Missing | 0 (0%) | 1 (0.3%) | 1 (0.2%) |  |
| **About how long has it been since you last visited a**  **doctor for a routine checkup?** |  |  |  | 0.02 |
| 5 or more years ago | 2 (2.2%) | 0 (0%) | 2 (0.4%) |  |
| Within the past 5 years (more than 2 years ago  but less than 5 years ago) | 8 (8.8%) | 9 (2.4%) | 17 (3.6%) |  |
| Within the past year/Within past 2 years | 81 (89.0%) | 371 (97.4%) | 452 (95.8%) |  |
| Missing | 0 (0%) | 1 (0.3%) | 1 (0.2%) |  |
| **Overall, how would you rate the quality of health**  **care you received in the past 12 months?** |  |  |  | 0.06\* |
| Excellent/Very Good | 46 (50.5%) | 239 (62.7%) | 285 (60.4%) |  |
| Good | 31 (34.1%) | 108 (28.3%) | 139 (29.4%) |  |
| Fair/Poor | 9 (9.9%) | 28 (7.3%) | 37 (7.8%) |  |
| Not sure/Refused | 5 (5.5%) | 6 (1.6%) | 11 (2.3%) |  |
| ***Perceived Discrimination*** |  |  |  |  |
| **Within the past 12 months, do you feel you were**  **treated worse than, the same as, or better than**  **people of other races?** |  |  |  | 0.12 |
| Better than other races | 5 (5.5%) | 43 (11.3%) | 48 (10.2%) |  |
| Only encountered people of the same race/The  same as other races | 67 (73.6%) | 278 (73.0%) | 345 (73.1%) |  |
| Worse than other races | 15 (16.5%) | 41 (10.8%) | 56 (11.9%) |  |
| Missing | 4 (4.4%) | 19 (5.0%) | 23 (4.9%) |  |
| **Within the past 12 months, when seeking health**  **care, do you feel your experiences were worse**  **than, the same as or better than for people of other**  **races?** |  |  |  | 0.25 |
| Better than other races | 4 (4.4%) | 40 (10.5%) | 44 (9.3%) |  |
| Only encountered people of the same race/The  same as other races | 69 (75.8%) | 303 (79.5%) | 372 (78.8%) |  |
| Worse than other races | 6 (6.6%) | 20 (5.2%) | 26 (5.5%) |  |
| Not sure/Refused | 6 (6.6%) | 15 (3.9%) | 21 (4.4%) |  |
| Missing | 6 (6.6%) | 3 (0.8%) | 9 (1.9%) |  |
| ***Cancer Knowledge/Beliefs*** |  |  |  |  |
| **When I think about cancer, I automatically think**  **about death** |  |  |  | 0.59 |
| Strongly agree/Somewhat agree | 39 (42.9%) | 186 (48.8%) | 225 (47.7%) |  |
| Strongly disagree/Somewhat disagree | 51 (56.0%) | 191 (50.1%) | 242 (51.3%) |  |
| Not sure/Refused | 1 (1.1%) | 4 (1.0%) | 5 (1.0%) |  |
| **There's not much you can do to lower your**  **chances of getting cancer** |  |  |  | 0.09 |
| Strongly agree/Somewhat agree | 40 (44.0%) | 135 (35.4%) | 175 (37.1%) |  |
| Strongly disagree/Somewhat disagree | 47 (51.6%) | 239 (62.7%) | 286 (60.6%) |  |
| Not sure/Refused | 4 (4.4%) | 7 (1.8%) | 11 (2.3%) |  |
| **There are so many different recommendations**  **about preventing cancer, it's hard to know which**  **ones to follow** |  |  |  | 0.27 |
| Strongly agree/Somewhat agree | 68 (74.7%) | 292 (76.6%) | 360 (76.3%) |  |
| Somewhat disagree/Strongly disagree | 19 (20.9%) | 83 (21.8%) | 102 (21.6%) |  |
| Not sure/Refused | 4 (4.4%) | 6 (1.6%) | 10 (2.1%) |  |
| **Cancer is most often caused by a person's**  **behavior or lifestyle** |  |  |  | 0.06 |
| Strongly agree/Somewhat agree | 44 (48.4%) | 235 (61.7%) | 279 (59.1%) |  |
| Somewhat disagree/Strongly disagree | 44 (48.4%) | 133 (34.9%) | 177 (37.5%) |  |
| Not sure/Refused | 3 (3.3%) | 13 (3.4%) | 16 (3.4%) |  |
| **Compared to other people your age, how likely do**  **you think you are to get cancer in your lifetime?** |  |  |  | 0.19 |
| Very Likely/Likely | 19 (20.9%) | 113 (29.7%) | 132 (28.0%) |  |
| Neither unlikely nor likely | 30 (33.0%) | 92 (24.1%) | 122 (25.8%) |  |
| Very unlikely/Unlikely | 20 (22.0%) | 83 (21.8%) | 103 (21.8%) |  |
| Not sure/Refused | 4 (4.4%) | 25 (6.6%) | 29 (6.1%) |  |
| Missing | 18 (19.8%) | 68 (17.8%) | 86 (18.2%) |  |
| **I'd rather not know my chance of getting cancer** |  |  |  | 0.28 |
| Strongly agree/Somewhat agree | 31 (34.1%) | 103 (27.0%) | 134 (28.4%) |  |
| Strongly disagree/Somewhat disagree | 40 (44.0%) | 205 (53.8%) | 245 (51.9%) |  |
| Not sure/Refused | 2 (2.2%) | 5 (1.3%) | 7 (1.5%) |  |
| Missing | 18 (19.8%) | 68 (17.8%) | 86 (18.2%) |  |
| **How worried are you about getting cancer?** |  |  |  | 0.07 |
| Moderately/Extremely | 8 (8.8%) | 80 (21.0%) | 88 (18.6%) |  |
| Somewhat | 18 (19.8%) | 57 (15.0%) | 75 (15.9%) |  |
| Not at all/Slightly | 47 (51.6%) | 173 (45.4%) | 220 (46.6%) |  |
| Not sure/Refused | 0 (0%) | 3 (0.8%) | 3 (0.6%) |  |
| Missing | 18 (19.8%) | 68 (17.8%) | 86 (18.2%) |  |
| **At what age do you think women are supposed to start having mammograms?** |  |  |  | 0.34 |
| Correct | 7 (7.7%) | 15 (3.9%) | 22 (4.6%) |  |
| Incorrect | 84 (92.3%) | 360 (94.5%) | 444 (94.1%) |  |
| Not sure/Refused | 0 (0%) | 6 (1.6%) | 6 (1.3%) |  |
| ***Cancer-Related Risk Behaviors*** |  |  |  |  |
| **Current Smoker** |  |  |  | 0.86 |
| No | 73 (80.2%) | 305 (80.1%) | 378 (80.1%) |  |
| Yes | 17 (18.7%) | 75 (19.7%) | 92 (19.5%) |  |
| Missing | 1 (1.1%) | 1 (0.3%) | 2 (0.4%) |  |
| **Alcohol Use** |  |  |  | <0.01\* |
| No | 60 (65.9%) | 195 (51.2%) | 255 (54.0%) |  |
| Yes | 30 (33.0%) | 185 (48.6%) | 215 (45.6%) |  |
| Missing | 1 (1.1%) | 1 (0.3%) | 2 (0.4%) |  |
| **Diabetes** |  |  |  | 0.75 |
| No | 66 (72.5%) | 281 (73.8%) | 347 (73.5%) |  |
| Yes | 25 (27.5%) | 98 (25.7%) | 123 (26.1%) |  |
| Missing | 0 (0%) | 2 (0.5%) | 2 (0.4%) |  |
| **Body Mass Index (BMI)** |  |  |  | 0.20 |
| Mean (SD) | 30.1 (7.15) | 31.2 (8.00) | 30.7 (7.34) |  |
| Median [Min, Max] | 28.0 [20.1, 52.9] | 29.3 [17.3, 74.0] | 29.0 [17.0-74.0] |  |
| Missing | 1 (1.1%) | 7 (1.8%) | 8 (1.5%) |  |
| ***Health Literacy*** |  |  |  |  |
| **How difficult is it for you to understand**  **information that doctors, nurses etc., tell you?** |  |  |  | 0.10 |
| Very Difficult/Somewhat difficult | 22 (24.2%) | 63 (16.5%) | 85 (18.0%) |  |
| Very easy/Somewhat easy | 69 (75.8%) | 316 (82.9%) | 385 (81.6%) |  |
| Missing | 0 (0%) | 2 (0.5%) | 2 (0.4%) |  |
| ***Social Network Support*** |  |  |  |  |
| **How often do you get the social and emotional**  **support you need?** |  |  |  | 0.10\* |
| Always/Usually | 56 (61.5%) | 246 (64.6%) | 302 (64.0%) |  |
| Rarely/Never | 8 (8.8%) | 50 (13.1%) | 58 (12.3%) |  |
| Sometimes | 27 (29.7%) | 83 (21.8%) | 110 (23.3%) |  |
| Missing | 0 (0%) | 2 (0.5%) | 2 (0.4%) |  |
| ***Neighborhood-level variables*** |  |  |  |  |
| **Proportion Living in same house as 1 year ago** |  |  |  | 0.21 |
| Mean (SD) | 0.871 (0.0694) | 0.881 (0.0642) | 0.877 (0.0660) |  |
| Median [Min, Max] | 0.888 [0.677, 0.982] | 0.892 [0.549, 0.988] | 0.887 [0.55-0.988] |  |
| **Proportion with Poor English** |  |  |  | 0.04 |
| Mean (SD) | 0.0904 (0.101) | 0.0694 (0.0842) | 0.0708 (0.0878) |  |
| Median [Min, Max] | 0.0466 [0.00, 0.375] | 0.0353 [0.00, 0.422] | 0.0354 [0, 0.422] |  |
| **Proportion living in Household Isolation** |  |  |  | 0.11 |
| Mean (SD) | 0.0645 (0.0844) | 0.0506 (0.0708) | 0.0499 (0.0744) |  |
| Median [Min, Max] | 0.0309 [0.00, 0.393] | 0.0225 [0.00, 0.393] | 0.0188[0, 0.393] |  |
| **ICE-Income (Quartiles)** |  |  |  | 0.86 |
| 1 Concentrated Poverty | 58 (63.7%) | 235 (61.7%) | 293 (62.1%) |  |
| 2 | 15 (16.5%) | 36 (9.4%) | 51 (10.8%) |  |
| 3 | 9 (9.9%) | 45 (11.8%) | 54 (11.4%) |  |
| 4 Concentrated Affluence | 9 (9.9%) | 65 (17.1%) | 74 (15.7%) |  |
| **ICE-Race (Quartiles)** |  |  |  | 0.02\* |
| 1 High Concentration of NHB | 67 (73.6%) | 267 (70.1%) | 334 (70.8%) |  |
| 2 | 11 (12.1%) | 50 (13.1%) | 61 (12.9%) |  |
| 3 | 10 (11.0%) | 44 (11.5%) | 54 (11.4%) |  |
| 4 High Concentration of NHW | 3 (3.3%) | 20 (5.2%) | 23 (4.9%) |  |
| **ICE Race + Income (Quartiles)** |  |  |  | 0.05\* |
| 1 Concentrated Poverty of NHB | 68 (74.7%) | 264 (69.3%) | 332 (70.3%) |  |
| 2 | 6 (6.6%) | 36 (9.4%) | 42 (8.9%) |  |
| 3 | 11 (12.1%) | 24 (6.3%) | 35 (7.4%) |  |
| 4 Concentration Affluence of NHW | 6 (6.6%) | 57 (15.0%) | 63 (13.3%) |  |
| **Yost Index (Quintiles)** |  |  |  | 0.07 |
| 1 Low SES | 50 (54.9%) | 200 (52.5%) | 250 (53.0%) |  |
| 2 | 18 (19.8%) | 55 (14.4%) | 73 (15.5%) |  |
| 3 | 11 (12.1%) | 25 (6.6%) | 36 (7.6%) |  |
| 4 | 4 (4.4%) | 39 (10.2%) | 43 (9.1%) |  |
| 5 High SES | 7 (7.7%) | 53 (13.9%) | 60 (12.7%) |  |
| Missing | 1 (1.1%) | 9 (2.4%) | 10 (2.1%) |  |
| **Median-Household Income** |  |  |  | 0.55 |
| Mean (SD) | 41400 (25700) | 45900 (32600) | 43650 (29150) |  |
| Median [Min, Max] | 32300 [14000, 136000] | 32100 [11400, 187000] | 32115 [11400, 187000] |  |
| **% Overcrowding** |  |  |  | <0.01\* |
| % Overcrowding - High | 58 (63.7%) | 180 (47.2%) | 238 (50.4%) |  |
| % Overcrowding - Low | 33 (36.3%) | 201 (52.8%) | 234 (49.6%) |  |
| **% with Access to Transportation (1 or more**  **vehicles)** |  |  |  | 0.60 |
| Mean (SD) | 0.705 (0.193) | 0.692 (0.208) | 0.6985 (0.201) |  |
| Median [Min, Max] | 0.675 [0.343, 1.00] | 0.658 [0.304, 1.00] | 0.66[0.304-1.00] |  |
| ***\**** *denotes variables that are significant in the univariate analysis at p<0.2* ***and*** *identified as a predictor by LASSO (Table S1D)* | | | |  |