ALL INCLUDED SUBJECTS, BY ADHERENCE STATUS

Table 1: Sample Demographics (N =1,168)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Category** | **Adherent**  **(N = 767)** | | **Non-Adherent**  **(N = 401)** | | **Test-Statistic (p-value)** |
|  |  | ***N*** | **Statistic (95% CI)** | ***N*** | **Statistic (95% CI)** |  |
| Age (Years) | Mean (95% CI) | 767 | 64.8 (64.0 - 65.6); SD: 11.4; Range: 22 - 80 | 401 | 57.7 (56.3 - 59.0); SD: 13.8; Range: 20 - 80 | t692.18 = -8.921 p < 0.0001 |
| Sex | Male | 381 | 49.7 (46.1 - 53.2) | 225 | 56.1 (51.2 - 60.9) | χ21=4.1148 p = 0.04251 |
|  | Female | 386 | 50.3 (46.8 - 53.9) | 176 | 43.9 (39.1 - 48.8) |  |
| Race/ Ethnicity | Hispanic | 119 | 15.5 (13.1 - 18.3) | 81 | 20.2 (16.5 - 24.4) | χ24=9.8146 p = 0.04367 |
|  | Non-Hispanic White | 347 | 45.2 (41.7 - 48.8) | 161 | 40.1 (35.4 - 45.0) |  |
|  | Non-Hispanic Black | 178 | 23.2 (20.3 - 26.3) | 110 | 27.4 (23.3 - 32.0) |  |
|  | Non-Hispanic Asian | 87 | 11.3 (9.3 - 13.8) | 37 | 9.2 (6.7 - 12.5) |  |
|  | Other Race (including multiracial) | 36 | 4.7 (3.4 - 6.4) | 12 | 3.0 (1.7 - 5.2) |  |
| Marital Status | Married/Living with Partner | 446 | 58.1 (54.6 - 61.6) | 229 | 57.1 (52.2 - 61.9) | χ22=14.11 p = 0.0008 |
|  | Widowed/Divorced/Separated | 264 | 34.4 (31.1 - 37.9) | 116 | 28.9 (24.7 - 33.6) |  |
|  | Never Married | 57 | 7.4 (5.8 - 9.5) | 56 | 14.0 (10.9 - 17.7) |  |
| Education Level | College graduate or above | 192 | 25.0 (22.1 - 28.2) | 89 | 22.2 (18.4 - 26.6) | χ24=2.2859 p = 0.6833 |
|  | Some college or AA degree | 245 | 31.9 (28.7 - 35.3) | 142 | 35.5 (30.9 - 40.3) |  |
|  | HS graduate or GED | 198 | 25.8 (22.8 - 29.0) | 97 | 24.2 (20.3 - 28.7) |  |
|  | 9th-11th grade | 89 | 11.6 (9.5 - 14.1) | 50 | 12.5 (9.6 - 16.1) |  |
|  | Less than 9th grade | 43 | 5.6 (4.2 - 7.5) | 22 | 5.5 (3.6 - 8.2) |  |
| Family Income Ratio | Mean (95% CI) | 767 | 2.62 (2.5 – 2.7); SD: 1.5; Range: 0 - 5 | 401 | 2.42 (2.3 - 2.6); SD: 1.6; Range: 0 - 5 | t1166 = -2.0542 p = 0.04018 |
| Family Income Category | Greater than 185% FPL | 445 | 58.0 (54.5 - 61.5) | 209 | 52.1 (47.2 - 57.0) | χ22=7.6725 p = 0.02157 |
|  | Between 135 and 185% of FPL | 137 | 17.9 (15.3 - 20.7) | 65 | 16.2 (12.9 - 20.2) |  |
|  | Less than or equal to 135% of FPL | 185 | 24.1 (21.2 - 27.3) | 127 | 31.7 (27.3 - 36.4) |  |

Table 2: Health Insurance (N =1,073) *†*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Category** | **Adherent**  **(N = 767)** | | **Non-Adherent**  **(N = 401)** | | **Test-Statistic (p-value)** |
|  |  | ***N*** | **Statistic (95% CI)** | ***N*** | **Statistic (95% CI)** |  |
| Any Health Insurance Coverage? | Yes | 732 | 100.0 | 341 | 100.0 |  |
| Health Insurance Type | Uninsured | 0 | 0.0 | 0 | 0.0 | χ22= 23.472 p < 0.0001 |
|  | Government | 331 | 45.2 (41.6 - 48.9) | 136 | 39.9 (34.8 - 45.2) |  |
|  | Private | 187 | 25.5 (22.5 - 28.8) | 135 | 39.6 (34.5 - 44.9) |  |
|  | Both private and government | 214 | 29.2 (26.0 - 32.6) | 70 | 20.5 (16.6 - 25.2) |  |
| Prescription Drug Coverage? | Yes | 670 | 91.2 (88.9 - 93.0) | 315 | 93.2 (89.9 - 95.4) |  |

*†Health insurance questions refused by 95 subjects; prescription drug coverage question refused if not answered “Yes”.*

Table 3: Health Status Statistics (N =1,168)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Category** | **Adherent**  **(N = 767)** | | **Non-Adherent**  **(N = 401)** | | **Test-Statistic (p-value)** |
|  |  | ***N*** | **Statistic (95% CI)** | ***N*** | **Statistic (95% CI)** |  |
| Body Mass Index (kg/m2) | Median (95% CI) | 711 | 29.1 (28.6 - 29.6); IQR: (25.6 - 33.6); Range: 16.7 - 80.6 | 372 | 28.8 (28.2 - 29.4); IQR: (25.5 - 34.5); Range: 15.4 - 67.7 | t1081 = -0.01693 p = 0.9915 |
| CDC BMI Classification | Underweight | 2 | 0.3 (0.1 - 1.1) | 5 | 1.3 (0.6 - 3.2) | Fisher’s Exact p = 0.2034 |
|  | Normal Weight | 142 | 20.0 (17.2 - 23.1) | 70 | 18.8 (15.1 - 23.1) |  |
|  | Overweight | 259 | 36.4 (33.0 - 40.0) | 137 | 36.8 (32.1 - 41.9) |  |
|  | Obese Class 1 or 2 | 251 | 35.3 (31.9 - 38.9) | 122 | 32.8 (28.2 - 37.8) |  |
|  | Obese Class 3 | 57 | 8.0 (6.2 - 10.3) | 38 | 10.2 (7.5 - 13.7) |  |
| Heavy Alcohol Use?†† | Yes | 60 | 8.8 (6.9 - 11.1) | 46 | 12.8 (9.7 - 16.7) | χ21=3.7807 p = 0.05185 |
|  | No | 624 | 91.2 (88.9 - 93.1) | 313 | 87.2 (83.3 - 90.3) |  |
| Smoking Status | Current | 105 | 13.7 (11.4 - 16.3) | 89 | 22.2 (18.4 - 26.5) | χ22=14.247 p = 0.0008 |
|  | Past | 262 | 34.2 (30.9 - 37.6) | 116 | 28.9 (24.7 - 33.6) |  |
|  | Never | 400 | 52.2 (48.6 - 55.7) | 196 | 48.9 (44.0 - 53.8) |  |
| Comorbid Cardio-vascular Disease | Overall - Yes | 200 | 26.1 (23.1 - 29.3) | 74 | 18.5 (14.9 - 22.6) | χ21=8.1001 p = 0.0044 |
|  | Overall - No | 567 | 73.9 (70.7 - 76.9) | 327 | 81.5 (77.4 - 85.1) |  |
|  | Congestive Heart Failure | 47 | 6.1 (4.6 - 8.1) | 18 | 4.5 (2.8 - 7.0) |  |
|  | Coronary Artery Disease | 89 | 11.6 (9.5 - 14.1) | 23 | 5.7 (3.8 - 8.5) |  |
|  | Angina | 44 | 5.8 (4.3 - 7.7) | 14 | 3.5 (2.1 - 5.8) |  |
|  | Myocardial Infarction | 77 | 10.0 (8.1 - 12.4) | 27 | 6.8 (4.7 - 9.7) |  |
|  | Cerebrovascular Accident | 86 | 11.2 (9.2 - 13.7) | 43 | 10.8 (8.1 - 14.2) |  |

*††Alcohol Use questions refused by 125 subjects*

Table 4: Lipid-Lowering Medication Types (N = 665)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Category** | **Adherent**  **(N = 656)** | | **Non-Adherent**  **(N = 9)** | |
|  |  | ***N*** | **Statistic (95% CI)** | ***N*** | **Statistic (95% CI)** |
| Any Lipid-Lowering Medication | Yes | 650 | 99.1 (98.0 - 99.6) | 9 | 100.0 |
| Number of Lipid-Lowering Medications | Median (95% CI) | 656 | 1.0 (1 - 1); IQR: (1 - 1); Range: 0 - 3 | 9 | 1 (1 - 1); IQR: (1 - 1); Range: 1 - 1 |
| Total Number of Medications | Median (95% CI) | 656 | 4.0 (4 - 4); IQR: (3 - 6); Range: 1 - 19 | 9 | 6 (3 - 6); IQR: (4 - 6); Range: 1 - 8 |
| Statins |  | 621 | 94.7 (92.7 - 96.1) | 8 | 88.9 (37.4 - 99.1) |
| PCKS9 Inhibitor |  | 2 | 0.3 (0.1 - 1.2) |  |  |
| Fibrate |  | 22 | 3.4 (2.2 - 5.0) | 1 | 11.1 (0.9 - 62.6) |
| Bile Acid Sequestrant |  | 3 | 0.5 (0.1 - 1.4) |  |  |
| Vitamins and Supplements |  | 5 | 0.8 (0.3 - 1.8) |  |  |
| Other Lipid-Lowering Medication |  | 19 | 2.9 (1.9 - 4.5) |  |  |