|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristics** | **Complete Data**  | **Incomplete Data** | **P value** |
|  | N=1,428 | N=3,556 |  |
|  **Age, mean, (+/- SE)\*** | 70.6± 0.32 | 71.3± 0.23 | <0.001 |
| **Females, no. (%)** | 679 (28.1) | 1852 (71.9) | 0.83 |
| **Race and Ethnicity, no. (%)** |  |  | 0.78 |
| Non-Hispanic White | 825 (83.5) | 2,021 (80.3) |  |
| Non-Hispanic Black | 228 (7.8) | 583 (8.5) |  |
| Hispanic American | 249 (58.7) | 953 (78.2) |  |
| Other | 28 (2.8) | 97 (3.4) |  |
| **College ed. or higher, no. (%)** |  |  |  |
| **Smoker no. (%)** |  |  | 0.70 |
| Never | 634 (48.2) | 1,693 (46.1) |  |
| Former | 539 (40.3) | 1,496 (41.8) |  |
| Current | 155 (11.5) | 456 (12.0) |  |
| **BMI (kg/m2) mean, (+/- SE)\* #** | 28.3± 0.19 | 28.2± 0.11 | <0.001 |
| **BADL Limitation \*\*\*** | 582 (44.3) | 1841 (48.5) | 0.05 |
| **IADL Limitation \*\*\*** | 340 (26.2)  | 1411 (35.0) | <0.001 |
| **Comorbidities, no. (%)\*\*** |  |  |  |
| Diabetes | 264 (17.7) | 796 (18.5) | 0.56 |
| Heart Failure | 80 (6.4) | 293 (7.4) | 0.34 |
| Non Skin Cancer | 271 (22.8) | 645 (21.2) | 0.41 |
| Coronary Artery Disease | 222 (17.9) | 648 (18.5) | 0.74 |
| Arthritis | 613 (49.4) | 1,766 (50.5) | 0.61 |
| HTN | 598 (89.0) | 1,728 (87.2) | 0.34 |
| Stroke | 78 (5.6) | 327 (8.4) | 0.003 |
| COPD | 127 (11.2) | 369 (12.0) | 0.59 |

**Supplementary Table S1: Baseline Characteristics of Study Participants** **with Complete versus Incomplete Data**

\*values are represents as means ± standard error or counts (weighted percentages)

# The body mass index is the weight in kilograms divided by the square of the height in meters.

\*\* Comorbidities were self-reported by participants at initiation of screening

\*\*\*BADL and IADL indicates that they have dysfunction in at least one basic activity or daily living or independent activities of daily living, respectively.

Abbreviations

COPD Chronic Obstructive Pulmonary Disease; HTN Hypertension; IADL Independent Activities of Daily Living; BAL Basic Activities of Daily Living; BMI Body Mass Index

**Supplementary Table S2. Relative Hazard Rations of Mortality by Baseline Frailty Status Extrapolated by Age**

|  |  |
| --- | --- |
|  | **Age Group (years)** |
| **60-69.9** | **70-79.9**  | **≥80** |
| **Overall Mortality** | *Robust* | Referent | Referent | Referent |
| *Pre-frail* | 1.65 [1.31-2.09] | 1.77 [1.45-2.17] | 1.57 [1.28-1.92] |
| *Frail* | 2.42 [1.71-3.41] | 3.16 [2.35-4.24] | 2.74 [2.10-3.58] |
| **Cardiovascular Mortality** | *Robust* | Referent | Referent | Referent |
| *Pre-frail* | 1.52 [0.95-2.44] | 2.42 [1.61-3.65] | 1.88 [1.25-2.81] |
| *Frail* | 2.21 [1.11-4.39] | 5.77 [3.20-10.40] | 3.21 [1.95-5.30] |

|  |
| --- |
| *Values represented as hazard ratios (95% confidence intervals)* *Adjusted for gender, race, education, smoking, diabetes, heart failure, cancer, coronary artery disease, arthritis* |
|  |