**Supplement Table 1.** Characteristics of PWH who had complete data vs incomplete data (and were dropped for complete case analysis) among PWH who had frailty data within the study period. N (%) or mean (standard deviation) represent PWH missing *any* candidate predictor variable, not the characteristic listed.

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **No missingness** | **Any missingness** | **p-value** |
| **Training Set** | 3170 (89) | 402 (11) |  |
| Female | 502 (16) | 57 (14) | 0.4 |
| Age | 43 (11) | 45 (13) | <0.01 |
| Race |  |  | <0.01 |
| Black | 1210 (38) | 149 (37) |
| Hispanic | 260 (8) | 58 (14) |
| Other | 170 (5) | 20 (5) |
| White | 1530 (48) | 175 (44) |
| Frail (event) | 220 (7) | 28 (7) | 1.0 |
| **Validation Set** | 1510 (88) | 202 (12) |  |
| Female | 140 (9) | 18 (9) | 0.9 |
| Age | 44 (11) | 43 (11) | 0.6 |
| Race |  |  | 0.2 |
| Black | 199 (13) | 18 (9) |
| Hispanic | 465 (31) | 69 (34) |
| Other | 116 (8) | 21 (10) |
| White | 730 (48) | 94 (47) |
| Frail (event) | 186 (12) | 26 (13) | 0.8 |