| **Characteristic** | **Overall**, N = 1,2821 | **Q1**, N = 3211 | **Q2**, N = 3211 | **Q3**, N = 3191 | **Q4**, N = 3211 | **p-value**2 |
| --- | --- | --- | --- | --- | --- | --- |
| exam\_age | 83.3(4.0) | 78.9(0.8) | 81.3(0.7) | 84.0(0.9) | 88.9(2.5) | <0.001 |
| Sex |  |  |  |  |  | 0.094 |
| Female | 771 (60%) | 199 (62%) | 208 (65%) | 184 (58%) | 180 (56%) |  |
| Male | 511 (40%) | 122 (38%) | 113 (35%) | 135 (42%) | 141 (44%) |  |
| Race |  |  |  |  |  | 0.007 |
| Black | 320 (25%) | 96 (30%) | 89 (28%) | 74 (23%) | 61 (19%) |  |
| White | 962 (75%) | 225 (70%) | 232 (72%) | 245 (77%) | 260 (81%) |  |
| Center |  |  |  |  |  | 0.007 |
| Forsyth County, NC | 321 (25%) | 93 (29%) | 74 (23%) | 64 (20%) | 90 (28%) |  |
| Jackson, MS | 293 (23%) | 87 (27%) | 82 (26%) | 70 (22%) | 54 (17%) |  |
| Minneapolis, MN | 377 (29%) | 78 (24%) | 95 (30%) | 102 (32%) | 102 (32%) |  |
| Washington County, MD | 291 (23%) | 63 (20%) | 70 (22%) | 83 (26%) | 75 (23%) |  |
| Education |  |  |  |  |  | 0.4 |
| Advanced Education | 656 (51%) | 176 (55%) | 154 (48%) | 172 (54%) | 154 (48%) |  |
| Basic Education | 112 (8.7%) | 24 (7.5%) | 27 (8.4%) | 29 (9.1%) | 32 (10.0%) |  |
| Intermediate Education | 514 (40%) | 121 (38%) | 140 (44%) | 118 (37%) | 135 (42%) |  |
| Smoking |  |  |  |  |  | 0.046 |
| Current smoker | 58 (4.5%) | 19 (5.9%) | 17 (5.3%) | 18 (5.6%) | 4 (1.2%) |  |
| Former smoker | 743 (58%) | 192 (60%) | 176 (55%) | 182 (57%) | 193 (60%) |  |
| Never smoker | 481 (38%) | 110 (34%) | 128 (40%) | 119 (37%) | 124 (39%) |  |
| Drinking |  |  |  |  |  | 0.2 |
| Current drinker | 543 (42%) | 148 (46%) | 136 (42%) | 139 (44%) | 120 (37%) |  |
| Former drinker | 484 (38%) | 108 (34%) | 127 (40%) | 124 (39%) | 125 (39%) |  |
| Never drinker | 255 (20%) | 65 (20%) | 58 (18%) | 56 (18%) | 76 (24%) |  |
| APOE |  |  |  |  |  | 0.3 |
| ≥1 APOE ε4 allele | 348 (27%) | 97 (30%) | 89 (28%) | 76 (24%) | 86 (27%) |  |
| No ε4 allele | 934 (73%) | 224 (70%) | 232 (72%) | 243 (76%) | 235 (73%) |  |
| SPPB | 8.68(2.70) | 9.37(2.26) | 9.03(2.36) | 8.44(2.92) | 7.76(2.96) | <0.001 |
| Unknown | 154 | 27 | 34 | 35 | 58 |  |
| ADEPT | 988(1,085) | 1,226(1,406) | 1,056(1,079) | 971(1,021) | 700(624) | <0.001 |
| Oak | 5,201(2,994) | 6,132(3,213) | 5,441(3,003) | 5,059(3,026) | 4,170(2,328) | <0.001 |
| SDT | 23,607(7,173) | 25,274(7,349) | 23,931(6,988) | 22,958(7,381) | 22,259(6,625) | <0.001 |
| Stepcount | 4,931(3,036) | 5,672(3,230) | 5,151(3,132) | 4,910(3,054) | 3,993(2,431) | <0.001 |
| Verisense | 3,207(2,410) | 3,940(2,739) | 3,372(2,396) | 3,064(2,398) | 2,451(1,768) | <0.001 |
| 1Mean(SD); n (%) | | | | | | |
| 2One-way ANOVA; Pearson's Chi-squared test | | | | | | |