\*\*Table 1\*\*. Individual and observation-level descriptive statistics of the Health and Retirement Study.

|  | | | **Ever incarcerated?** | |  |
| --- | --- | --- | --- | --- | --- |
| **Group** | **Variable** | **Overall**, N = 11,3651 | **No**, N = 10,4161 | **Yes**, N = 9491 | **p-value**2 |
| Individuals (N = 11,365) | Lifetime incarceration duration |  |  |  |  |
|  | None | 10,416 (92%) | 10,416 (100%) | 0 (0%) |  |
|  | Less than one month | 621 (5.5%) | 0 (0%) | 621 (65%) |  |
|  | More than one month | 328 (2.9%) | 0 (0%) | 328 (35%) |  |
|  | APOE-4 count |  |  |  | 0.11 |
|  | Zero copies | 8,520 (75%) | 7,835 (75%) | 685 (72%) |  |
|  | One copy | 2,620 (23%) | 2,376 (23%) | 244 (26%) |  |
|  | Two copies | 225 (2.0%) | 205 (2.0%) | 20 (2.1%) |  |
|  | Self-reported sex |  |  |  | **<0.001** |
|  | Female | 6,798 (60%) | 6,557 (63%) | 241 (25%) |  |
|  | Male | 4,567 (40%) | 3,859 (37%) | 708 (75%) |  |
|  | Race/Ethnicity |  |  |  | **<0.001** |
|  | White | 8,109 (71%) | 7,596 (73%) | 513 (54%) |  |
|  | Black | 1,710 (15%) | 1,427 (14%) | 283 (30%) |  |
|  | Hispanic | 1,234 (11%) | 1,106 (11%) | 128 (13%) |  |
|  | Other | 312 (2.7%) | 287 (2.8%) | 25 (2.6%) |  |
|  | HS completion |  |  |  | **<0.001** |
|  | High school or more | 9,420 (83%) | 8,738 (84%) | 682 (72%) |  |
|  | Less than high school | 1,945 (17%) | 1,678 (16%) | 267 (28%) |  |
|  | Smoking status at baseline |  |  |  | **<0.001** |
|  | Yes | 6,234 (55%) | 5,498 (53%) | 736 (78%) |  |
|  | No | 5,131 (45%) | 4,918 (47%) | 213 (22%) |  |
|  | Social origins index | 0.90 (1.14) | 0.87 (1.12) | 1.23 (1.30) | **<0.001** |
|  | Childhood TBI |  |  |  | **<0.001** |
|  | Yes | 1,101 (9.7%) | 955 (9.2%) | 146 (15%) |  |
|  | No | 10,264 (90%) | 9,461 (91%) | 803 (85%) |  |
|  | HRS cohort (birth year) |  |  |  | **<0.001** |
|  | AHEAD (<1924) | 501 (4.4%) | 481 (4.6%) | 20 (2.1%) |  |
|  | CODA (1924-30) | 639 (5.6%) | 621 (6.0%) | 18 (1.9%) |  |
|  | HRS (1931-41) | 4,495 (40%) | 4,238 (41%) | 257 (27%) |  |
|  | WB (1942-47) | 1,298 (11%) | 1,210 (12%) | 88 (9.3%) |  |
|  | EBB (1948-53) | 2,271 (20%) | 1,996 (19%) | 275 (29%) |  |
|  | MBB (1954-59) | 2,161 (19%) | 1,870 (18%) | 291 (31%) |  |
| Observations (N = 75,584) | Age | 68.45 (10.43) | 68.73 (10.43) | 64.99 (9.76) |  |
|  | Cognitive function |  |  |  |  |
|  | Impaired | 11,868 (16%) | 10,559 (15%) | 1,309 (23%) |  |
|  | Normal | 63,716 (84%) | 59,389 (85%) | 4,327 (77%) |  |
|  | Household income (10K) | 7.08 (13.59) | 7.22 (13.88) | 5.32 (9.00) |  |
|  | Alcohol (daily avg.) | 0.37 (0.87) | 0.34 (0.79) | 0.68 (1.57) |  |
|  | Body-mass index | 29.04 (6.20) | 29.02 (6.20) | 29.32 (6.17) |  |
|  | Depressive symptoms |  |  |  |  |
|  | No symptoms | 37,342 (49%) | 35,309 (50%) | 2,033 (36%) |  |
|  | 1-2 symptoms | 24,297 (32%) | 22,299 (32%) | 1,998 (35%) |  |
|  | 3+ symptoms | 13,945 (18%) | 12,340 (18%) | 1,605 (28%) |  |
|  | Diabetes |  |  |  |  |
|  | Never diagnosed | 58,480 (77%) | 54,411 (78%) | 4,069 (72%) |  |
|  | Diagnosed | 17,104 (23%) | 15,537 (22%) | 1,567 (28%) |  |
|  | Hearing difficulty |  |  |  |  |
|  | Normal | 60,779 (80%) | 56,677 (81%) | 4,102 (73%) |  |
|  | Impaired | 14,805 (20%) | 13,271 (19%) | 1,534 (27%) |  |
|  | Hypertension |  |  |  |  |
|  | Yes | 45,170 (60%) | 41,567 (59%) | 3,603 (64%) |  |
|  | No | 30,414 (40%) | 28,381 (41%) | 2,033 (36%) |  |
|  | Physical activity (light) |  |  |  |  |
|  | every day | 7,651 (10%) | 7,201 (10%) | 450 (8.0%) |  |
|  | >1 per week | 37,153 (49%) | 34,789 (50%) | 2,364 (42%) |  |
|  | 1 per week | 18,924 (25%) | 17,491 (25%) | 1,433 (25%) |  |
|  | 1-3 per month | 5,610 (7.4%) | 4,969 (7.1%) | 641 (11%) |  |
|  | never | 6,246 (8.3%) | 5,498 (7.9%) | 748 (13%) |  |
|  | Stroke status |  |  |  |  |
|  | Yes | 5,302 (7.0%) | 4,788 (6.8%) | 514 (9.1%) |  |
|  | No | 70,282 (93%) | 65,160 (93%) | 5,122 (91%) |  |
|  | Study year |  |  |  | **<0.001** |
|  | 2004 | 7,772 (10%) | 7,285 (10%) | 487 (8.6%) |  |
|  | 2006 | 8,008 (11%) | 7,518 (11%) | 490 (8.7%) |  |
|  | 2008 | 8,164 (11%) | 7,649 (11%) | 515 (9.1%) |  |
|  | 2010 | 8,509 (11%) | 7,823 (11%) | 686 (12%) |  |
|  | 2012 | 10,510 (14%) | 9,653 (14%) | 857 (15%) |  |
|  | 2014 | 10,305 (14%) | 9,452 (14%) | 853 (15%) |  |
|  | 2016 | 8,059 (11%) | 7,421 (11%) | 638 (11%) |  |
|  | 2018 | 7,537 (10.0%) | 6,944 (9.9%) | 593 (11%) |  |
|  | 2020 | 6,720 (8.9%) | 6,203 (8.9%) | 517 (9.2%) |  |
| 1n (%); Mean (SD) | | | | | |
| 2Pearson's Chi-squared test; Wilcoxon rank sum test | | | | | |