\*\*Table 1\*\*. Health and Retirement Study sample descriptives by lifetime incarceration history
Observations=34,492; Cases=4,392

|  | | **Ever incarcerated?** | |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Overall**, N = 34,4921 | **No**, N = 32,3131 | **Yes**, N = 2,1791 | **p-value**2 |
| HRS cohort |  |  |  | <0.001 |
| AHEAD | 4,180 (12%) | 4,035 (12%) | 145 (6.7%) |  |
| CODA | 5,476 (16%) | 5,403 (17%) | 73 (3.4%) |  |
| WB | 10,249 (30%) | 9,725 (30%) | 524 (24%) |  |
| EBB | 9,237 (27%) | 8,347 (26%) | 890 (41%) |  |
| MBB | 5,350 (16%) | 4,803 (15%) | 547 (25%) |  |
| Self-reported sex |  |  |  | <0.001 |
| Female | 20,437 (59%) | 19,839 (61%) | 598 (27%) |  |
| Male | 14,055 (41%) | 12,474 (39%) | 1,581 (73%) |  |
| Age | 63 (57, 74) | 63 (57, 74) | 59 (55, 65) | <0.001 |
| Cognitive function |  |  |  | 0.003 |
| normal | 30,924 (90%) | 29,015 (90%) | 1,909 (88%) |  |
| cind | 2,954 (8.6%) | 2,724 (8.4%) | 230 (11%) |  |
| demented | 614 (1.8%) | 574 (1.8%) | 40 (1.8%) |  |
| AD polygenic score | -0.07 (-0.75, 0.63) | -0.07 (-0.76, 0.63) | -0.11 (-0.73, 0.58) | 0.9 |
| History of stroke | 1,952 (5.7%) | 1,839 (5.7%) | 113 (5.2%) | 0.3 |
| APOE-4 count |  |  |  | 0.12 |
| zero copies | 26,428 (77%) | 24,792 (77%) | 1,636 (75%) |  |
| one copy | 7,402 (21%) | 6,897 (21%) | 505 (23%) |  |
| two copies | 662 (1.9%) | 624 (1.9%) | 38 (1.7%) |  |
| Social origins index |  |  |  | <0.001 |
| 0 | 19,551 (57%) | 18,540 (57%) | 1,011 (46%) |  |
| 1 | 7,017 (20%) | 6,502 (20%) | 515 (24%) |  |
| 2 | 4,445 (13%) | 4,183 (13%) | 262 (12%) |  |
| 3 | 2,505 (7.3%) | 2,231 (6.9%) | 274 (13%) |  |
| 4 | 974 (2.8%) | 857 (2.7%) | 117 (5.4%) |  |
| Socioecnomic status | 0.38 (0.01, 0.79) | 0.40 (0.02, 0.80) | 0.23 (-0.12, 0.58) | <0.001 |
| 1n (%); Median (IQR) | | | | |
| 2Pearson's Chi-squared test; Wilcoxon rank sum test | | | | |