

Table 1.

| Variable                              | Wave 1<br><i>n</i> = 1132<br><i>M</i> ( <i>SD</i> ) | Wave 2<br><i>n</i> = 826<br><i>M</i> ( <i>SD</i> ) | Wave 3<br><i>n</i> = 592<br><i>M</i> ( <i>SD</i> ) | Wave 4<br><i>n</i> = 402<br><i>M</i> ( <i>SD</i> ) | Wave 5<br><i>n</i> = 223<br><i>M</i> ( <i>SD</i> ) | Wave 6<br><i>n</i> = 75<br><i>M</i> ( <i>SD</i> ) |
|---------------------------------------|---|--|--|--|--|---|
| <b>Demographic</b>                    |   |  |  |  |  |   |
| Age                                   | 68.30 (7.39)  | 71.04 (6.85)                                       | 73.71 (6.70)                                       | 76.02 (6.43)                                       | 77.81 (6.00)                                       | 78.43 (5.14)                                      |
| Education (years)                     | 14.26 (2.68)  | --   | --   | --   | --   | --  |
| Height (cm)                           | 173.81 (6.62)                                       | 173.80 (6.82)                                      | 173.67 (7.04)                                      | 173.45 (7.14)                                      | 173.78 (6.71)                                      | 174.88 (5.67)                                     |
| Smoking: current <sup>a</sup>         | 12.1%   | 8.3%   | 7.8%   | 7.0%   | 7.2%   | 1.3%  |
| Smoking: former <sup>a</sup>          | 64.5%   | 66.8%  | 67.0%  | 65.8%  | 65.3%  | 70.7%   |
| Smoking: never <sup>a</sup>           | 23.3%   | 24.9%  | 25.2%  | 27.1%  | 27.5%  | 28.0%   |
| Cardiovascular disease <sup>a,b</sup> | 73.7%   | --   | --   | --   | --   | --  |
| Diabetes <sup>a,b</sup>               | 9.10%   | --   | --   | --   | --   | --  |
| <b>Physical</b>                       |   |  |  |  |  |   |
| FEV1 (dL; height-adjusted)            | 8.56 (1.82)   | 8.45 (1.76)  | 8.43 (1.78)  | 8.43 (1.80)  | 8.25 (1.85)  | 8.55 (1.57)                                       |
| FVC (dL; height-adjusted)             | 11.52 (1.98)  | 11.28 (19.0)                                       | 11.26 (1.89)                                       | 11.34 (2.13)                                       | 11.33 (2.04)                                       | 11.49 (1.73)                                      |
| <b>Cognitive</b>                      |   |  |  |  |  |   |
| Global: MMSE                          | 27.64 (1.91)  | 27.94 (1.78)                                       | 27.63 (1.83)                                       | 27.49 (2.02)                                       | 27.51 (2.04)                                       | 27.35 (1.82)                                      |
| Memory:                               |   |  |  |  |  |   |
| Word list immediate recall            | 18.80 (3.86)  | 18.73 (4.01)                                       | 18.66 (4.13)                                       | 18.36 (4.31)                                       | 18.08 (4.22)                                       | 17.41 (4.93)                                      |
| Word list delayed recall              | 6.30 (1.93)   | 6.04 (2.11)  | 6.07 (2.07)  | 5.84 (2.14)  | 5.77 (2.22)  | 6.13 (2.35)                                       |
| Digit span backward                   | 4.98 (2.31)   | 4.87 (2.32)  | 4.59 (2.12)  | 4.77 (2.07)  | 4.56 (2.06)  | 4.75 (1.97)                                       |
| Verbal fluency: Animals               | 18.67 (5.01)  | 18.39 (4.98)                                       | 18.29 (5.21)                                       | 18.45 (5.23)                                       | 17.95 (4.72)                                       | 20.90 (6.23)                                      |
| Fluid Reasoning:                      |   |  |  |  |  |   |
| Pattern comparison                    | 5.71 (1.62)   | 5.93 (1.67)  | 5.71 (1.71)  | 5.87 (1.56)  | --   | --  |
| Figure copy                           | 14.86 (5.67)  | 15.24 (6.01)                                       | 14.79 (5.97)                                       | 13.92 (5.96)                                       | 13.11 (5.37)                                       | 13.20 (6.29)                                      |
| Study Characteristics                 |   |  |  |  |  |   |
| Retention from previous wave (%)      | --  | 73.0%  | 71.7%  | 67.9%  | 55.5%  | 33.6%   |
| Representative sample                 | Yes*  |  |  |  |  |   |
| Oldest Birth Cohort (year)            | 1899  |  |  |  |  |   |

Notes:

<sup>a</sup> Dichotomous variable (0=no; 1=yes).<sup>b</sup> Denotes prevalent disease, i.e., onset prior to cognitive assessment.

\*At study entry in 1961-70, the NAS sample was selected for good health (i.e., absence of chronic or major physical and mental illnesses) and geographic stability (i.e., kinship ties in the Boston area). Their socioeconomic status was generally representative of the Boston metro area in the 1960s.