**Table S1.** Cognitive performance test scores at baseline (Visit 1), follow-up (Visit 2), and change between visits, by sex, for HANDLS participants >50y of age with complete hAlzScore

|  |  |  |  |
| --- | --- | --- | --- |
|  | **All** | **Women** | **Men** |
| *Mini-Mental State Exam, total score* |  |  |  |
| Visit 1 | 27.314±0.249 | 27.305±0.371 | 27.324±0.335 |
|  | *(N=220)* | *(N=123)* | *(N=97)* |
| Visit 2 | 27.4491±0.168 | 27.691±0.199 | 27.267±0.265 |
|  | *(N=192)* | *(N=107)* | *(N=85)* |
| P (Visit2-Visit1) | *0.556* | *0.359* | *0.894* |
| *California Verbal Learning Test (CVLT), List A* |  |  |  |
| Visit 1 | 22.365±0.539 | 23.006±0.667 | 21.75±0.87 |
|  | *(N=191)* | *(N=112)* | *(N=79)* |
| Visit 2a | 16.204±0.769 | 17.616±0.1.138 | 14.63±0.91 |
|  | *(N=191)* | *(N=106)* | *(N=85)* |
| P (Visit2-Visit1) | *<0.001* | *<0.001* | *<0.001* |
| *CVLT, free delayed recall* |  |  |  |
| Visit 1 | 6.322±0.288 | 6.267±0.323 | 6.375±0.468 |
|  | (N=187) | (N=110) | (N=77) |
| Visit 2 | 4.042±0.281 | 4.272±0.416 | 3.786±0.382 |
|  | (N=191) | (N=106) | (N=85) |
| P (Visit2-Visit1) | <0.001 | <0.001 | <0.001 |
| *Benton Visual Retention Test* |  |  |  |
| Visit 1 | 6.191±0.478 | 6.654±0.785 | 5.768±0.57 |
|  | (N=219) | (N=122) | (N=97) |
| Visit 2 | 9.611±0.414 | 9.619±0.542 | 9.602±0.635 |
|  | (N=190) | (N=106) | (N=84) |
| P (Visit2-Visit1) | <0.001 | 0.002 | <0.001 |
| *Brief Test of Attention* |  |  |  |
| Visit 1 | 6.46±0.282 | 6.359±0.328 | 6.554±0.454 |
|  | (N=196) | (N=113) | (N=83) |
| Visit 2 | 6.525±0.223 | 6.58±0.236 | 6.465±0.389 |
|  | (N=169) | (N=95) | (N=74) |
| P (Visit2-Visit1) | 0.857 | 0.585 | 0.882 |
| *Animal Fluency* |  |  |  |
| Visit 1 | 18.133±0.586 | 17.315±0.87 | 18.87±0.768 |
|  | (N=218) | (N=121) | (N=97) |
| Visit 2 | 18.21±0.682 | 17.385±0.971 | 19.133±0.911 |
|  | (N=190) | (N=106) | (N=84) |
| P (Visit2-Visit1) | 0.932 | 0.957 | 0.825 |
| *Digits Span, Forward* |  |  |  |
| Visit 1 | 7.092±0.26 | 6.95±0.312 | 7.222±0.41 |
|  | (N=212) | (N=118) | (N=94) |
| Visit 2 | 7.115±0.233 | 6.979±0.342 | 7.264±0.306 |
|  | (N=176) | (N=97) | (N=79) |
| P (Visit2-Visit1) | 0.949 | 0.950 | 0.935 |
| *Digits Span, Backward* |  |  |  |
| Visit 1 | 5.455±0.257 | 5.642±0.407 | 5.286±0.318 |
|  | (N=212) | (N=118) | (N=94) |
| Visit 2 | 5.765±0.27 | 5.793±0.403 | 5.733±0.356 |
|  | (N=175) | (N=97) | (N=78) |
| P (Visit2-Visit1) | 0.407 | 0.791 | 0.349 |
| *Clock, command* |  |  |  |
| Visit 1 | 8.859±0.146 | 8.607±0.23 | 9.088±0.163 |
|  | (N=219) | (N=122) | (N=97) |
| Visit 2 | 8.821±0.12 | 8.816±0.16 | 8.825±0.182 |
|  | (N=188) | (N=106) | (N=82) |
| P (Visit2-Visit1) | 0.838 | 0.455 | 0.282 |
| *Trail making test, Part A* |  |  |  |
| Visit 1a | 41.529±2.321 | 46.575±4.022 | 36.879±1.886 |
|  | (N=216) | (N=121) | (N=95) |
| Visit 2 | 45.809±4.209 | 47.305±6.977 | 44.164±4.357 |
|  | (N=189) | (N=105) | (N=84) |
| P (Visit2-Visit1) | 0.373 | 0.928 | 0.126 |
| *Trail making test, Part B* |  |  |  |
|  |  |  |  |
| Visit 1 | 215.473±21.447 | 231.259±27.539 | 200.925±32.384 |
|  | (N=216) | (N=121) | (N=95) |
| Visit 2 | 183.191±14.678 | 189.627±22.398 | 176.115±18.721 |
|  | (N=189) | (N=105) | (N=84) |
| P (Visit2-Visit1) | 0.214 | 0.241 | 0.507 |

*Key*: CES-D=Center for Epidemiologic Studies-Depression; MMSE=Mini-Mental State Examination; PIR=poverty income ratio; WRAT=Wide Range Achievement Test.

a p<0.05 for null hypothesis of no difference in means of cognitive test scores by sex (referent category: Women) within each visit. Wald test from svy:reg command.