**SUPPLEMENTARY MATERIAL.**

**Table S2.**

Conversion table for ACE-III and MMSE scores based on equipercentile equating method

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Raw ACE-III | Equivalent MMSE score |  | Raw ACE-III | Equivalent MMSE score |
| 0 | 0.00 |  | 51 | 19.77 |
| 1 | 0.00 |  | 52 | 20.04 |
| 2 | 0.00 |  | 53 | 20.32 |
| 3 | 0.00 |  | 54 | 20.59 |
| 4 | 0.06 |  | 55 | 20.83 |
| 5 | 0.26 |  | 56 | 21.09 |
| 6 | 0.50 |  | 57 | 21.35 |
| 7 | 0.76 |  | 58 | 21.60 |
| 8 | 1.07 |  | 59 | 21.84 |
| 9 | 1.44 |  | 60 | 22.07 |
| 10 | 1.83 |  | 61 | 22.32 |
| 11 | 2.27 |  | 62 | 22.56 |
| 12 | 2.76 |  | 63 | 22.78 |
| 13 | 3.28 |  | 64 | 23.01 |
| 14 | 3.82 |  | 65 | 23.24 |
| 15 | 4.41 |  | 66 | 23.48 |
| 16 | 4.99 |  | 67 | 23.69 |
| 17 | 5.60 |  | 68 | 23.90 |
| 18 | 6.20 |  | 69 | 24.12 |
| 19 | 6.80 |  | 70 | 24.34 |
| 20 | 7.41 |  | 71 | 24.56 |
| 21 | 7.97 |  | 72 | 24.76 |
| 22 | 8.56 |  | 73 | 24.96 |
| 23 | 9.09 |  | 74 | 25.17 |
| 24 | 9.64 |  | 75 | 25.38 |
| 25 | 10.15 |  | 76 | 25.58 |
| 26 | 10.67 |  | 77 | 25.78 |
| 27 | 11.15 |  | 78 | 25.98 |
| 28 | 11.64 |  | 79 | 26.18 |
| 29 | 12.09 |  | 80 | 26.38 |
| 30 | 12.56 |  | 81 | 26.58 |
| 31 | 12.97 |  | 82 | 26.77 |
| 32 | 13.42 |  | 83 | 26.97 |
| 33 | 13.81 |  | 84 | 27.16 |
| 34 | 14.21 |  | 85 | 27.36 |
| 35 | 14.61 |  | 86 | 27.55 |
| 36 | 14.97 |  | 87 | 27.75 |
| 37 | 15.36 |  | 88 | 27.94 |
| 38 | 15.71 |  | 89 | 28.14 |
| 39 | 16.06 |  | 90 | 28.33 |
| 40 | 16.43 |  | 91 | 28.53 |
| 41 | 16.75 |  | 92 | 28.73 |
| 42 | 17.07 |  | 93 | 28.93 |
| 43 | 17.42 |  | 94 | 29.13 |
| 44 | 17.72 |  | 95 | 29.33 |
| 45 | 18.02 |  | 96 | 29.54 |
| 46 | 18.34 |  | 97 | 29.75 |
| 47 | 18.64 |  | 98 | 29.96 |
| 48 | 18.92 |  | 99 | 30.00 |
| 49 | 19.21 |  | 100 | 30.00 |
| 50 | 19.51 |  |  |  |

\*Equivalent scores were derived from equipercentile equating with log- linear smoothing realized in 400 participants comprising healthy controls and Alzheimer’s disease.