

Supplementary Table S2. Results of ANOVA for mini-mental state examination (MMSE) total score and its six-subscale scores among the three cholinesterase and nootropics combination subgroups in Alzheimer's dementia.

| MMSE | Choline alfoscerate (A) (n = 74) | Ginkgo biloba (B) (n =39) | Others ¹ (C) (n = 21) | F | <i>p</i> value | Post-hoc analysis ² |
|---------------------------|--|------------------------------|-------------------------------------|-------|----------------|--------------------------------|
| Total | -0.28 ± 2.57 | -0.51 ± 2.82 | -2.81 ± 5.15 | 5.35 | 0.006 | A > C, B > C |
| Orientation | -0.27 ± 1.87 | -0.44 ± 1.83 | -1.10 ± 2.17 | 1.53 | 0.220 | |
| Immediate recall | -0.08 ± 0.54 | 0.00 ± 0.32 | -0.29 ± 1.10 | 1.48 | 0.231 | |
| Attention & calculation | -0.18 ± 1.36 | -0.13 ± 1.17 | 0.14 ± 1.20 | 0.51 | 0.603 | |
| Delayed recall | -0.05 ± 1.20 | -0.31 ± 1.10 | -0.48 ± 0.98 | 1.39 | 0.254 | |
| Language | 0.22 ± 1.21 | 0.26 ± 1.21 | -0.95 ± 1.86 | 7.04 | 0.001 | A > C, B > C |
| Visuospatial construction | 0.08 ± 0.61 | 0.10 ± 0.55 | -0.14 ± 0.48 | 1.438 | 0.241 | |

Values are presented as mean ± standard deviation.

MMSE, mini-mental state examination.

¹Others include acetyl-L-carnitine (n = 10), nicergoline (n = 10), and oxiracetam (n = 1).

²Significant group differences (*p* < 0.05) were conducted via Bonferroni multiple comparisons test.