S3 Table. Neuropsychological measures at 1-year and 2-year follow-up in CN and AD subjects.

<table>
<thead>
<tr>
<th>AD subtype</th>
<th>1-year follow-up&lt;sup&gt;a&lt;/sup&gt;</th>
<th>2-year follow-up&lt;sup&gt;b&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CN&lt;sup&gt;c&lt;/sup&gt;</td>
<td>BI</td>
</tr>
<tr>
<td>MMSE</td>
<td>29.18 (1.13)</td>
<td>20.44 (4.03)</td>
</tr>
<tr>
<td>ADNI-Mem</td>
<td>1.03 (0.62)</td>
<td>-1.10 (0.57)</td>
</tr>
<tr>
<td>ADNI-EF</td>
<td>0.84 (0.71)</td>
<td>-1.21 (0.87)</td>
</tr>
<tr>
<td>MMSE</td>
<td>29.10 (1.12)</td>
<td>18.37 (5.57)</td>
</tr>
<tr>
<td>ADNI-Mem</td>
<td>1.05 (0.62)</td>
<td>-1.35 (0.58)</td>
</tr>
<tr>
<td>ADNI-EF</td>
<td>0.82 (0.71)</td>
<td>-1.62 (0.82)</td>
</tr>
</tbody>
</table>

Data are shown as mean (SD). CN, Cognitively normal; AD, Alzheimer’s disease; BI, Both impaired; HA, Hippocampal atrophy only; CA, Cortical atrophy only; BS, Both spared; MMSE; Mini-mental state examination; ADNI-Mem, composite score of memory function; ADNI-EF, composite score of executive function.

<sup>a</sup>Compared to CN, all AD subtypes had significantly lower MMSE, ADNI-Mem, ADNI-EF score at 1-year and 2-year follow-up (p < 0.001).

<sup>b</sup>ANCOVA test with educational level as a covariate were performed among the AD subtypes.

<sup>c</sup>Number of available data at 1-year follow-up for MMSE, ADNI-Mem and ADNI-EF (CN (n = 205), BI (n = 88), HA (n = 23), CA (n = 16), BS (n = 14))

<sup>d</sup>Compared to the BS, the CA and BI had significantly greater impairments in MMSE total score at 1-year follow-up (p = 0.028; p = 0.002, respectively) and at 2-year follow-up (p = 0.007; p = 0.014, respectively) in post-hoc test.

<sup>e</sup>Compared to the BS, the CA and BI had significantly greater impairments in ADNI-Mem score at 1-year follow-up (p = 0.026; p = 0.002, respectively) and at 2-year follow-up (p = 0.011; p = 0.001, respectively) in post-hoc test.

<sup>f</sup>The BI and CA had significantly lower ADNI-EF score compared to the HA (p = 0.03; p = 0.003, respectively) and the CA had significantly lower ADNI-EF score compared to the BS (p = 0.031) at 1-year follow-up in post-hoc test.

<sup>g</sup>Number of available data at 2-year follow-up for MMSE (CN (n = 197), BI (n = 67), HA (n = 21), CA (n = 13), BS (n = 13)); for ADNI-Mem (CN (n = 197), BI (n = 70), HA (n = 21), CA (n = 13), BS (n = 13)); for ADNI-EF
(CN (n = 196), BI (n = 64), HA (n = 21), CA (n = 12), BS (n = 13))

The BI and CA had significantly lower ADNI-EF score compared to the HA ($p = 0.002$; $p = 0.001$, respectively) and the CA had significantly lower ADNI-EF score compared to the BS ($p = 0.014$) at 2-year follow-up in post-hoc test.