|  |  |  |  |
| --- | --- | --- | --- |
|  | DLB (on CHEI) | DLB (not taking CHEI) | *p-value* |
|  |  |  |  |
| *N* | 5 | 14 |  |
| DLB-PCI2 expression | 387.4 +/- 280.8 | 925.6 +/- 294.9 | **0.003** |
| MMSE (max. 30) | 19.8 +/- 3.6 | 16.9 +/- 5.2 | 0.26 |
| CAMCOG (max. 107) | 65.4 +/- 5.6 | 63.2 +/- 16.2 | 0.77 |
| CAMCOG (executive) | 12.0 +/-2.6 | 11.0 +/- 6.5 | 0.75 |
| CAMCOG (memory) | 15.8 +/- 2.6 | 14.0 +/- 4.4 | 0.40 |
| Clinical assessment of fluctuations (CAF) | 1.0 +/- 1.41 | 4.64 +/- 3.61 | **0.006** |
| Choice reaction time (CRT) | 6.56 +/- 0.07 | 7.07 +/- 0.50 | **0.002** |
| Choice reaction time standard deviation (CRT(SD)) | 5.33 +/- 0.20 | 6.13 +/- 0.74 | **0.002** |
| **Parkinsonism** |  |  |  |
| UPDRS III motor subscale score | 18.0 +/- 10.8 | 25.1 +/- 14.7 | 0.34 |
| Bradykinesia subscale score | 6.6 +/- 5.9 | 12.0- +/- 7.9 | 0.18 |

**Supplementary Table 1:** Comparison of clinical variables and dementia with Lewy bodies (DLB) principal component image 2 (DLB-PCI2) expression between DLB subjects on cholinesterase inhibitors (CHEI) or not. Values expressed as (Mean ± 1 Standard deviation).† χ2 value (df=1). DLB= Dementia with Lewy Bodies; MMSE= Mini-Mental State Examination; CAMCOG= Cambridge Cognitive Examination; UPDRS III = Unified Parkinson’s Disease Rating Scale (motor subsection).