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| **Supplementary Table 4. Cognitive Tests** |
|  | **MCI-AD** | **Poss. MCI-LB** | **Prob. MCI-LB** |
| n | 30 | 17 | 28 |
| MMSE, mean (SD) | 26.8 (2.1) | 25.7 (3.0) | 26.3 (2.4) |
| ACE Total, mean (SD) | 82.3 (8.1) | 76.4 (11.5) | 82.4 (9.6) |
| ACE Att./Or., median (IQR) | 17.5 (16-18) | 17 (16-18) | 18 (16-18) |
| ACE Memory, mean (SD) | 18.4 (5.0) | 16.1 (5.0) | 19.1 (4.7) |
| ACE Fluency, median (IQR) | 10 (7-11) | 8 (4.5-10.5) | 8 (7-10.8) |
| ACE Language, median (IQR) | 24 (22-25) | 23 (20-24.5) | 24.5 (22.3-25) |
| ACE Visuospatial, median (IQR) | 15 (14-16) | 14 (12-16) | 14 (13-16) |
| % Rey Trial 5 Recalled, median (IQR) | 14 (0-70) | 38 (0-87) | 52 (33-75) |
| Rey Recognition, median (IQR) | 12 (9-14) | 11 (9-14) | 12 (11-14) |
| Trails A (s), median (IQR) | 45 (35-67) | 55 (36-83) | 47 (39-67) |
| Trails B (s), median (IQR) | 90 (67-123) | 95 (62-168) | 112 (89-207) |
| Trails Ratio (A/B) , median (IQR) | 0.46 (0.38-0.54) | 0.43 (0.32-0.56) | 0.36 (0.26-0.47) |
| Completed Trails A <300s, n (%) | 29 (100) | 15 (94) | 27 (96) |
| Completed Trails B <300s, n (%) | 19 (66) | 8 (50) | 19 (68) |
| FAS, mean (SD) | 33.3 (10.8) | 26.5 (11.4) | 31.5 (12.0) |
| GNT, median (IQR) | 20 (16.5-23) | 20 (15-23) | 21 (19-24) |
| SRT (s), median (IQR) | 416 (331-433) | 411 (330-759) | 398 (341-470) |
| SRT COV, median (IQR) | 0.24 (0.16-0.33) | 0.30 (0.23-0.54) | 0.20 (0.18-0.29) |
| CRT (s), median (IQR) | 591 (537-734) | 686 (548-929) | 598 (537-759) |
| CRT COV, median (IQR) | 0.23 (0.20-0.30) | 0.35 (0.20-0.45) | 0.21 (0.18-0.28) |
| CRT Error, median (IQR) | 0.5 (0-2) | 1 (0-2.5) | 1.5 (0.8-3) |
| CRT-SRT (s), median (IQR) | 193 (167-290) | 250 (193-346) | 238 (156-297) |
| Angle Task Result, median (IQR) | 10.5 (7.4-13.0) | 12.1 (7.3-19.6) | 11.5 (7.9-22.3) |
| Poss. MCI-LB Possible MCI with Lewy bodies; Prob. MCI-LB Probable MCI with Lewy bodies. Parametric data reported as mean (SD), non-parametric data reported as median (interquartile range). MMSE standardised Mini-Mental State Examination; ACE Addenbrooke’s Cognitive Examination; Rey AVLT Rey Auditory Verbal Learning Test; FAS FAS Verbal Fluency; GNT Graded Naming Test; SRT Simple Reaction Time; CRT Choice Reaction TimeComplete Rey AVLT data MCI-AD n=27, poss. MCI-LB n=15, MCI-LB n=26; Trails A and B MCI-AD n=29, poss. MCI-LB n=16, prob. MCI-LB n=28; Trails Ratio MCI-AD n=20, poss. MCI-LB n=8, prob. MCI-LB n=23; GNT MCI-AD n=29, prob. MCI-LB n=27; complete reaction time data MCI-AD n=27, poss. MCI-LB n=14, prob. MCI-LB n=26; Angle task MCI-AD n=23, poss. MCI-LB n=10, prob. MCI-LB n=21. |