Supplementary Tables

*Descriptive information* *for cognitive measures in the PTA and E-PTA groups*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable¹ | PTA (*n*=24) | E-PTA (*n*=23) | *p*  | *r* |
| *Attention and Executive Functioning* |  |  |  |  |
| Animal Fluency, M(SD) | 11.4 (4.9) | 18.2 (6.6) | .001\* | 1.18 |
| Digit Span Backwards | 2 (1.3-3) | 3 (2-3) | .036\* | .30 |
| Weekdays Reverse | 7 (7-7) | 7 (7-7) | .312 | .15 |
| *Processing Speed* |  |  |  |  |
| Oral Symbol Digit Modalities  |  |  |  |  |
|  Time (secs), M(SD) | 81 (58.3-103.3) | 57 (47-86.5) | .055 | .29 |
|  Errors, M(SD) | 1.5 (.3-5.8) | 1 (0-2) | .117 | .25 |
| *Verbal Learning and Memory* |  |  |  |  |
|  Trial 1  | 5 (3-5) | 5 (4-5) | .586 | .08 |
|  Trial 2  | 5 (4-6) | 5 (4-6) | .180 | .19 |
|  Trail 3 | 5 (4-6) | 6 (5-6) | .250 | .27 |
|  Total Trials 1 to 3, M (SD) | 12.9 (4.6) | 14.7 (2.9) | .063 | .46 |
|  Short Delay Free Recall | 4 (2-4) | 5 (4-6) | .006\* | .40 |
|  Recognition Recall Total Correct | 5 (4-6) | 6 (5-6) | .016\* | .35 |
|  Recognition Recall False Positives | 0 (0-1) | 0 (0-0) | .279 | .16 |
| *Visual Learning and Memory* |  |  |  |  |
|  Trial 1 | 9 (5-9) | 9 (9-9) | .051 | .30 |
|  Trial 2 | 9 (8-9) | 9 (9-9) | .019\* | .36 |
|  Trial 3 | 9 (8.5–9) | 9 (9-9) | .016\* | .37 |
|  Total Trials 1 to 3 | 27 (21-27) | 27 (27-27) | .063 | .29 |
| *Language* |  |  |  |  |
|  Semantic Acceptability | 4 (3-4) | 4 (4-4) | .363 | .13 |
|  Verbal Comprehension  | 4 (3-4) | 4 (4-4) | .076 | .25 |
| *Visual Perception* |  |  |  |  |
|  Visual Closure | 2 (1-3) | 2 (2-3) | .091 | .24 |
|  Figure Ground | 2 (0-2) | 1.5 (1-2) | .671 | .06 |
| ¹Values are median (Interquartile range) unless noted. \*Significant at p<.05 |  |

Supplementary Tables

*Informant and staff ratings on the behavioural items for the PTA and EPTA groups*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variable¹ | Informant |  |  |  | Staff |  |  |  |
|  | PTA | EPTA | *p*  | *r* | PTA | EPTA | *p*  | *r* |
| Inattention | 2 (2-3) | 1 (1-2) | <.001\* | .66 | 2 (2-3) | 1 (1-2) | .004\* | .42 |
| Impulsivity | 2 (1-2) | 2 (1-2) | .126 | .24 | 2 (1-3) | 1 (1-1) | .001\* | .49 |
| Uncooperative | 1 (1-2) | 1 (1-1) | .227 | .19 | 1 (1-2) | 1 (1-1) | .060 | .27 |
| Violence | 1 (1-1) | 1 (1-1) | .132 | .24 | 1 (1-1) | 1 (1-1) | .328 | .14 |
| Anger | 1 (1-1) | 1 (1-1) | .806 | .04 | 1 (1-1) | 1 (1-1) | .176 | .19 |
| Self-Stimulating behaviour | 1 (1-2) | 1 (1-1) | .005\* | .44 | 1 (1-2) | 1 (1-1) | .046 | .29 |
| Pulling at tubes/restraints | 1 (1-2) | 1 (1-1) | .055 | .30 | 1 (1-1) | 1 (1-1) | .091 | .25 |
| Wandering | 1 (1-1) | 1 (1-1) | .062 | .29 | 1 (1-1) | 1 (1-1) | .301 | .15 |
| Restlessness | 1 (1-2) | 1 (1-1) | .005\* | .45 | 1 (1-2) | 1 (1-1) | .006\* | .40 |
| Repetitive Behaviours | 2 (1-2) | 1 (1-1) | .003\* | .47 | 1 (1-2) | 1 (1-1) | .017\* | .35 |
| Talking | 1 (1-2) | 1 (1-2) | .687 | .06 | 1 (1-1) | 1 (1-1) | .935 | .01 |
| Mood changes | 1 (1-2) | 1 (1-1) | .344 | .15 | 1 (1-2) | 1 (1-1) | .156 | .21 |
| Crying/laughing | 1 (1-1) | 1 (1-1) | .835 | .03 | 1 (1-1) | 1 (1-1) | 1.00 | .00 |
| Self-abusiveness | 1 (1-1) | 1 (1-1) | .635 | .08 | 1 (1-1) | 1 (1-1) | 1.00 | .00 |
|  |  |  |  |  |  |  |  |  |
| Sleep disturbance | 1 (1-2) | 0 (0-1) | .003\* | .47 | 1 (1-2) | 0 (0-1) | <.001\* | .57 |
| Daytime drowsiness | 1 (0-1) | 0 (0-1) | .020\* | .37 | 1 (1-1) | 0 (0-1) | <.001\* | .55 |
| Thought process abnormalities | 0 (0-2) | 0 (0-1) | .247 | .18 | 0 (0-1.75) | 0 (0-0) | .088 | .25 |
| Socially inappropriate behaviours | 0 (0-1) | 0 (0-.5) | .226 | .19 | 0 (0-.75) | 0 (0-0) | .226 | .18 |
| Confabulation | 0 (0-2) | 0 (0-0) | .043\* | .32 | 0 (0-1.5) | 0 (0-0) | .011\* | .37 |
| Poor self-monitoring | 1 (0-1) | 0 (0-1) | .223 | .19 | 1 (0-2) | 0 (0-1) | .006\* | .39 |

¹Values are median (Interquartile range).

\*Significant at p<.05