**Supplementary Materials:**

Table 1. Rates and group differences of the most prevalent lifetime diagnoses in the ABD study.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DSM-5 Disorder | PE *N*=41% |  Controls N=62 % | χ2 | *P*-value |
| Major Depressive Episode  | 49% | 24% | 6.60 | **.01** |
| Social Anxiety Disorder | 20% | 8% | 0.99 | .09 |
| Generalised Anxiety Disorder | 12% | 7% | 2.87 | .32 |

*Note:* Major Depressive Episode (including diagnoses of Major Depressive Disorder (MDD) and Persistent Depressive Disorder (PDD). Statistically significant results (*p*<.05) are presented in bold text

Table 2. Rates of DSM-5 psychiatric disorders in groups and associated risk. Groups were considered as childhood PE (*n*=31) and controls (*n*=62).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Clinical Outcomes | Childhood PE Group | Control Group | Wald χ2 | *P*-value | OR | 95% OR CI |
| Met DSM-5 criteria (current) | 5 (16%) | 7 (11%) | 0.43 | 0.51 | 1.51 | [0.44-5.22] |
| Met DSM-5 criteria (lifetime) | 19 (61%) | 24 (39%) | 4.14 | **0.04** | 2.51 | [1.04-6.08] |
| Multi-morbidity (diagnoses - lifetime)1+ | 9 (29%) | 9 (14.5%) | 2.70 | 0.10 | 2.41 | [0.84-6.88] |

*Note* OR, Odds Ratio; CI, Confidence Intervals; Results of unadjusted logistic regressions. Statistically significant results (*p*<.05) are presented in bold text.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Functioning** | **Childhood PE Group**Mean(SD) | **Controls** Mean(SD) | **Group Differences** ***(unadjusted)****F(p*-value) | **Group Differences *(adjusted for gender and current DSM-5 diagnoses)****F(p*-value) |
| **Social (SF)** | 8.0 (1.3) | 8.7 (0.8) |  8.77 **(.004)** |  4.67 **(.03)** |
| **Role (RF)** | 8.1 (0.8) | 8.5 (0.7) |  6.68 **(.01)** |  0.90 (.35) |
| **Global (GAF)** | 73.8 (10.0) | 81.5 (8.7) |  13.67 **(<.001)** |  7.92 **(.006)** |

Table 3.Mean functioning scores for childhood PE and controls groups on all functioning scales and percentage of participants below cut-off scores with group differences.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Frequency of participants with poor functioning*** *(below cut-off scores)* |  |  | **Χ2(p-value)** |  |
| **Social (SF)** |  8 (26%) |  3 (5%) |  8.18 **(.004)** |   |
| **Role (RF)** |  6 (19%) |  3 (5%) |  4.65 **(.03)** |   |
| **Global (GAF)** | 13 (46%) | 10 (16%) |  7.09 **(.008)** |   |

*Note:* (SD), Standard Deviation Statistically significant results (*p*<.05) are presented in bold text. SF; Social Functioning Scale, RF; Role Functioning Scale, GAF; Global Assessment of Functioning Scale.

Table 4. Mean raw scores of neuropsychological assessments for childhood PE and control groups respectively, along with unadjusted and adjusted group differences.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Battery | Test | Childhood PEGroupMean (SD) | ControlsMean(SD) | Group Differences*(unadjusted)**F(p*-value) | Group Differences *(adjusted for gender and current DSM-5 diagnoses)**F(p*-value) | Holm-Bonferroni adjusted(*p*-value) |
| MCCB | HVLT immediate | 27.4 (4.5) | 27.3 (3.4) | 0.03 (.87) | 0.70 (.41) | 1.000 |
|  | TMT-A | 28.2 (9.2)  | 24.8 (8.2) | 3.29 (.07) | 1.98 (.16) | 0.56 |
|  | BACS- SC  | 62.3 (12.5) | 67.2 (10.2) | 1.41 (.24) | 2.24 (.14) | 1.00 |
|  | LNS  | 16.4 (2.5) | 16.2 (2.3) | 0.07 (.79) | 0.02 (.88) | 1.00 |
|  | BVMT | 29.1 (6.4) | 28.5 (5.9) | 0.17 (.68) | 0.30 (.59) | 1.00 |
|  | DKEFS Category Fluency | 27.0 (5.3) | 27.2 (5.1) | 0.04 (.85) | 0.04 (.84) | 1.00 |
|  | WMS-III Spatial Span Forward | 8.7 (1.6) | 9.1 (1.8) | 2.29 (.13) | 2.03 (.16) | 0.91 |
|  | WMS-III Spatial Span Backward | 8.1 (1.9) | 8.4 (1.5) | 0.53 (.47) | 0.30 (.59) | 1.00 |
| Stroop | Stroop Word TS | 39.6 (0.7) | 39.9 (0.9) | **12.42 (.001)** | **9.42 (.003)** | **0.006** |
|  | Stroop Word RT | 0.73 (0.1) | 0.73 (0.2) | 0.01 (.91) | 0.18 (.67) | 0.91 |
|  | Stroop Colour TS | 39.3 (0.8) | 39.5 (0.9) | 2.33 (.13) | 1.41 (.24) | 0.48 |
|  | Stroop Colour RT | 0.80 (0.1) | 0.76 (0.1) | 1.88 (.17) | 0.69 (.41) | 0.48 |
|  | Stroop Interference TS | 38.9 (1.4) | 39.2 (0.8) | 2.53 (.12) | 2.27 (.14) | 0.48 |
|  | Stroop Interference RT | 0.88 (0.2) | 0.79 (0.2) | 5.07 (.03) | 4.89 (.03) | 0.15 |
| Non-MCCB | WASI-II Vocabulary | 36.9 (3.9) | 35.4 (3.5) | 3.36 (.07) | 6.63 (.012) | 0.49 |
|  | WASI-II Matrix-Reasoning | 18.4 (3.0) | 18.3 (2.8) | 0.07 (.80) | 0.00 (.99) | 1.00 |
|  | TMT-B  | 45.3 (20.9) | 40.4 (13.5) | 1.82 (.18) | 0.90 (.35) | 0.90 |
|  | HVLT delay | 9.5 (2.4) | 9.9 (1.9) | 0.83 (.36) | 0.08 (.77) | 1.00 |
|  | WMS-III Story Immediate | 28.7 (6.2) | 30.4 (6.3) | 3.07 (.08) | 0.13 (.72) | 0.49 |
|  | DKEFS Category Switching | 14.6 (3.3) | 15.1 (2.7) | 0.72 (.40) | 0.14 (.71) | 1.00 |
|  | WMS-III Story Delay | 25.1 (6.7) | 26.7 (6.5) | 1.24 (.27) | 0.09 (.77) | 1.00 |
| Motor | Purdue Pegboard TS | 182.8 (19.4) | 197.9 (19.0) | **12.72 (.001)** | **7.40 (.008)** | **-** |

*Note:* (SD), Standard deviation; FSIQ, Full-Scale IQ; WASI, Wechsler Abbreviated Test of Intelligence; HVLT, Hopkins Verbal Learning Task; TMT, Trail-Making Test (Part A and Part B); BACS, Brief Assessment of Cognition in Schizophrenia; LNS, Letter-Number Sequencing; WMS, Wechsler Memory Scale; BVMT, Brief Visuospatial Memory Task; D-KEFS, Delis-Kaplan Executive Function System; TS, Total Score; RT, Reaction Time. Statistically significant results (*p*<.05) are presented in bold text.